ISHIDA

System Scale Printer
AC-4000

Programmer's Manual
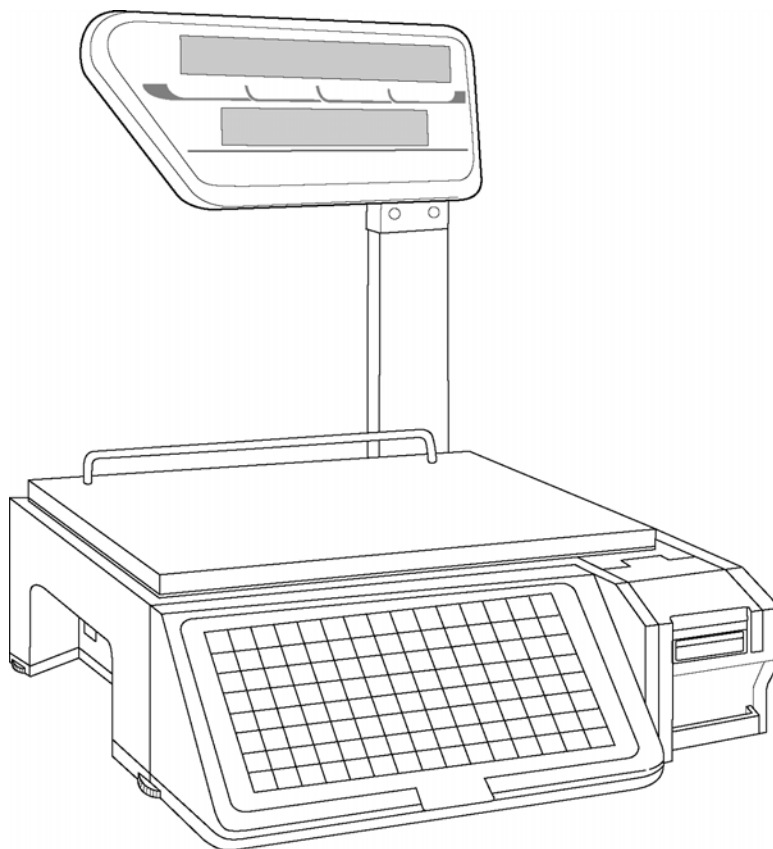
PN80811

ISHIDA CO., LTD.

⚠ SAFETY CONSIDERATIONS

For safe operation, the following safety considerations must be observed.

Grounding

This machine requires protective grounding for safe operation. To avoid potential shock hazards, a protective grounding conductor for the instrument must be securely connected to the main grounding provision by qualified service personnel.

Do not remove covers or enclosures

To avoid personal injury and shock, do not open or remove any covers or enclosures of the machine unless specified in the manual.
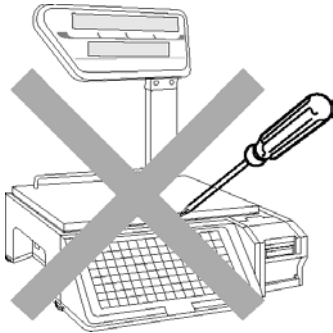
Do not perform unspecified maintenance

For your personal safety, do not perform any maintenance procedures which are not specified in the manual.

Disconnect power supply before servicing

To ensure your personal safety, disconnect the power supply before servicing.

⚠ CAUTIONS FOR USE

▶ Do not disassemble the machine.
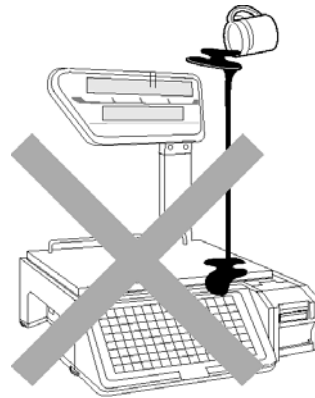
▶ Do not allow any liquids to come into contact with the machine.
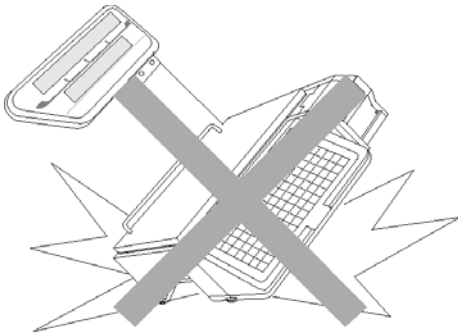
▶ Do not drop or apply a strong shock to the scale.
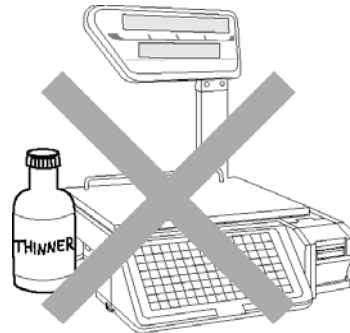
▶ When cleaning the machine, only use a soft dry cloth or a cloth wetted with a neutral cleanser.
Never use thinner or other volatile liquids.

Power Supply
- Use the specified voltage after referring to the specification plate located on the machine.

- Use a dedicated power source.
(Voltage fluctuation may cause the machine to malfunction)

⚠ CAUTIONS FOR INSTALLATION

Avoid the following areas when installing the machine

- Areas subject to high temperatures or high humidity
- Areas exposed to direct sunlight
- Areas where water or other liquids are easily spilled on the machine

- Areas subject to excessive vibration or unstable surfaces
- Areas exposed to direct cold air
- Areas subject to low temperatures
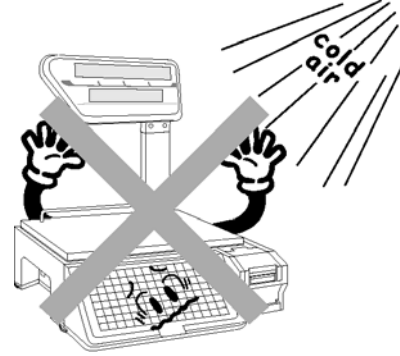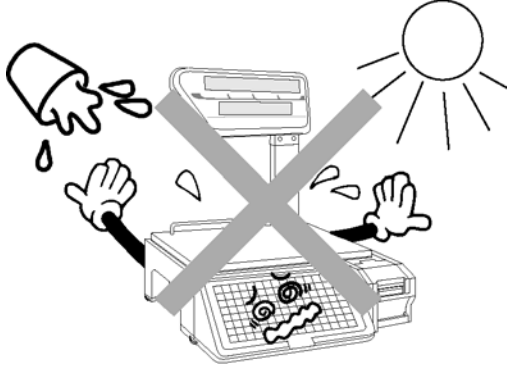
- Areas subject to a lot of dust or dirt
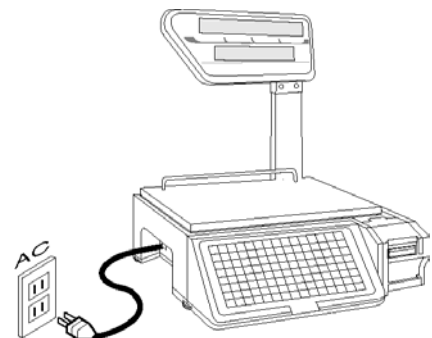- Areas with large voltage fluctuations

- Areas where the scale is not level
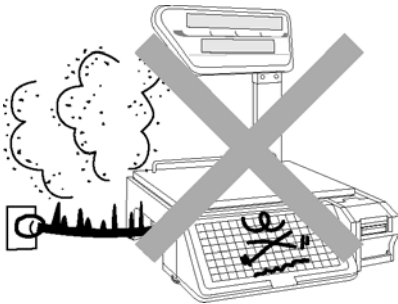
Level adjustment

- Always ensure that the machine is level. If the machine is not level, weighing may not be accurate.

- Adjust the machine to a level position using the four level adjustment feet located on the button of the machine, until the bubble is completely centered in the round level indicator.

Level adjustment foot
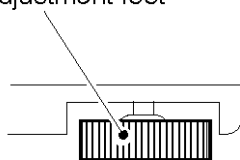
Level indicator

CONTENTS

PRODUCT OVERVIEW

1.1 PROGRAM KEYSHEET

The program keysheet comes with a typewriter style key layout so that a text can be easily edited. It can be accessed by removing the operation keysheet.

Program keysheet

Operation keysheet

1.2 PROGRAM FUNCTION KEYS

MODE
Used to access the required mode after a 4-digit password has been entered. Also used to exit the current mode.

CLEAR
Used to cancel a numeric value that have been entered incorrectly.

PLU
Used to enter a required item number such as a PLU number and message number.

ENTER
Used to determine a numeric entry after the value has been correctly entered.
Also used to move up a menu.

PRINT
Used to issue a label to confirm the entered text.

PAPER FEED
Used to advance a label or receipt to the correct printing position.

END
Used to complete data entry and return to the beginning menu of the current mode.

SPEED KEYS
Used to select the menu for programming the preset keys.

DATE/TIME
Used to select the menu for programming the date and time.

PLU LIST
Used to select the menu for generating a PLU, coupon, campaign and extra text message.

STORE NAME
Used to select the menu for programming store names and address.

RECEIPT BARCODE
Used to program the barcode which is printed on a subtotal label/receipt.

PRICE CHANGE
Used to change the PLU unit price or fixed-price.

ADVERTISEMENT PRICE
Used to change the unit price or fixed price of the campaign file for the specified PLUs.

1

PRODUCT OVERVIEW

SHIFT
Used to access the upper case character. Also, used with the arrow keys to quickly move to the beginning or end of a description line.

LOWER CASE
Used to change upper or lower case characters.

UP ARROW
Used to move the cursor up one line and over to the left margin. Also used to move up the cursor several lines at one time by first pressing the SHIFT key, then entering the number of lines.

DOWN ARROW
Used to move the cursor down one line and over to the left margin. Also used to move down the cursor several lines at one time by first pressing the SHIFT key then entering the number of lines.

LEFT ARROW
Used to move the cursor one space to the left.

RIGHT ARROW
Used to move the cursor one space to the right.

EDIT
Used to enter the text entry mode for any text field.

NEW LINE
Used as a carriage return when in the text edit mode.

BACK SPACE
Used to delete a character in the text field by moving the cursor backwards.

CHARACTER DELETE
Used to delete the character where cursor is placed.

LINE DELETE
Used to delete an entire line where cursor is placed.

INSERT
Used to change between inserting or overriding characters while editing text fields.

NORMAL
Used to return to normal type (character size remains unchanged).

ITALIC
Used to switch to italic type. Also used to return italic type to normal type.

UNDERLINE
Used to switch to underline type. Also used to return underline type to normal type.

REVERSE
Used to switch to reverse type. Also used to return reverse type to normal type.

BOLD
Used to switch to bold type. Also used to return bold type to normal type.

SIZE
Used to select different character sizes. After pressing this key, use the UP ARROW or DOWN ARROW key to scroll through the character sizes. To select between left-justification and centering, press this key and the RIGHT ARROW key.

COPY
Used to copy message data such as product name, extra message, and coupon message. Key in the source PLU number and press this key to copy the character data from another PLU.

ENTER
Used to save character data and complete the EDIT mode.

END
Used to return to the normal operation mode.

1.4 SPECIFICATIONS

Model	AC-4000/B	AC-4000E	AC-4000H	AC-4000D
Capacity	6 kg / 2 g, 15 kg / 5 g (Dual) 30 lb / 0.01 lb (Dual)		30 lb / 0.01 lb 15 kg / 5 g	6 kg / 2 g, 15 kg /5 g (Dual) 30 lb / 0.01 lb (Dual)
Accuracy	1 / 3000 (Dual interval)		1 / 3000 (Single range)	1 / 3000 (Dual interval)
Display	Fluorescent display (Upper) Dot matrix display 256 x 16 dots (Lower)	Fluorescent display (Upper)	Fluorescent display (Upper) Dot matrix display 256 x 16 dots (Lower)	Fluorescent display (Upper) Dot matrix display 256 x 16 dots (Lower)
	Type 1- Tare: 4 digits, Weight: 5 digits, Unit price: 5 digits, Total price: 6 digits Type 2- Weight: 5 digits, Unit price: 8 digits, Total price: 8 digits			
Label width	38 to 64 mm (1.5" to 2.5")			
Label printing width	Max. 60 mm (2.4")			
Label length	30 to 240 mm (1.2" to 9.5")			
Label backing paper width	Max. 67 mm (2.6")			
Printing speed	80 mm / sec (3.2" / sec.)			
Label roll dimension	Inner diameter: 40 mm (1.6"), Outer diameter: 100 mm (3.9")			Inner diameter: 40 mm (1.6"), Outer diameter: 230 mm (9")
Interface	Ethernet, RS232C			
Keyboard	119 keys (186 presets)			
Memory capacity	Standard: 1 MB, Factory option: 2 MB			
Power supply	AC 100 V / 120 V / 220 V / 240 V, 50 / 60 Hz			

SETUP MODE

2.1 SETUP MODE ENTRY/EXIT

Setup Mode operations (B00) are required when initially setting up the basic functions of the machine. When performing these operations, use the Program Keysheet located underneath the Operation Keysheet.

■SETUP MODE ENTRY

1 **[Entering Setup Mode]**
Key in the password (Default value: "6000") and press the MODE key to access Setup Mode screen.
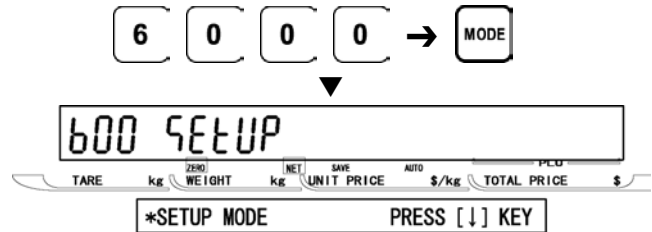
```
[6] [0] [0] [0] → [MODE]
         ▼
```

    b00 SEtUP

    TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

    *SETUP MODE   PRESS [↓] KEY

2 **[Desired Menu Access]**
Repeat pressing [•] key until the desired menu screen appears on the display.

Or, key in the menu number and press [•] key to access directly to the desired menu.

[Example] Access B05 screen

```
         ▼
[↓] [↓] [↓] [↓] [↓]
        or
   [5] → [↓]
         ▼
```

    b05 totAL SELCt

    TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

    [5] TOTAL MODE SELECT   [ENTER]
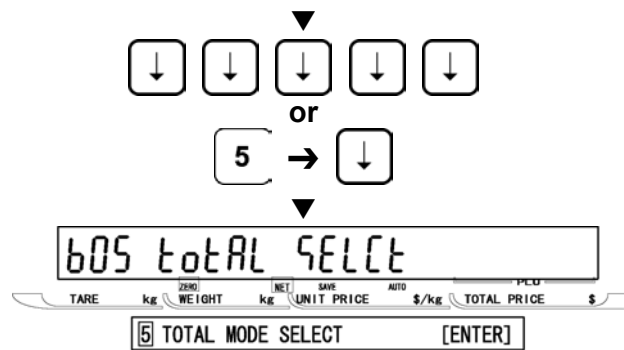
• SETUP MODE EXIT

1 **[Exiting Setup Mode]**
Press the MODE key to exit Setup Mode. Then, Key In Item No. screen appears on the display.

```
[MODE]
  ▼
```

    0.000   0.000   0.00   0.00

    TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

    KEY IN ITEM No.
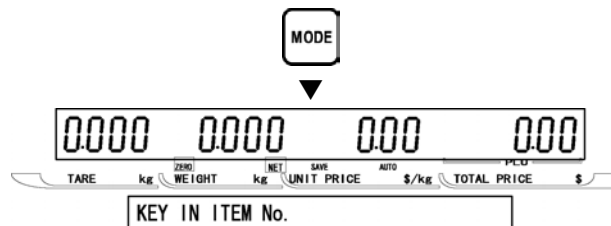
2.2 LABEL FORMAT (B01)

1 **[B01 Screen]**
Make sure that Label Format screen (B01) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b01 LAbEL ForiiAt
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 LABEL FORMAT   [ENTER]

2 **[Print Setup]**
Press the ENTER key to access Print Setup screen.

ENTER
▼

```
b01-01 Print            1
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

*PRINT SETUP   [ENTER]

3 **[Label Format Number]**
Press the ENTER key to access Label Format Number screen.

Then, key in the format number (2 digits) and press the ENTER key to determine the numeric value.

ENTER
▼

```
b01-01-01 LAbEL Fiit  01
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

LABEL FORMAT No.

▼

[0 9] **Label format number** → ENTER

4 **[Label Length + Gap]**
Press [•] key to proceed to Label Length + Gap screen.

Then, key in the value of label length + pitch (2.5 mm) between labels (32.5 to 242.5 mm) and press the ENTER key to determine the numeric value.

[↓]
▼

```
b01-01-02 LEnGtH     46.5
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

LABEL LENGTH + GAP (32.5 to 242.5)

▼

[0 9] **Label length + gap** → ENTER

5 **[Label Width]**
Press [•] key to proceed to Label Width screen.

Then, key in the label width (30 to 200 mm) and press the ENTER key to determine the numeric value.

Note: When "0" (default) is set, "58 mm" will be applied.

[↓]
▼

```
b01-01-03 Yi dtH      0.0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

LABEL WIDTH (30.0 to 200.0mm)

▼

[0 9] **Label width** → ENTER
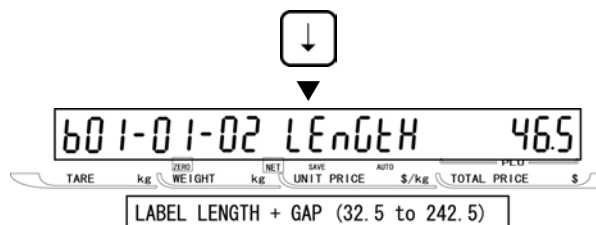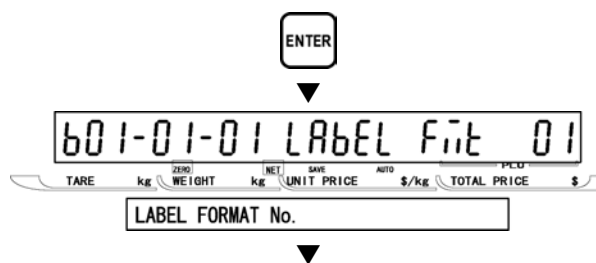
2

SETUP MODE

---

6 **[Label Sensor Distance]**
Press [•] key to proceed to Label Sensor Distance screen.

Then, key in the distance between the label and the thermal head (unit: 0.1mm) and press the ENTER key to determine the numeric value.

```
[↓]
▼
b01-01-04 di5tAnCE   73.0
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
LABEL SENSOR DISTANCE      (0. 1mm)
▼
[0 9]  Label sensor distance  →  [ENTER]
```
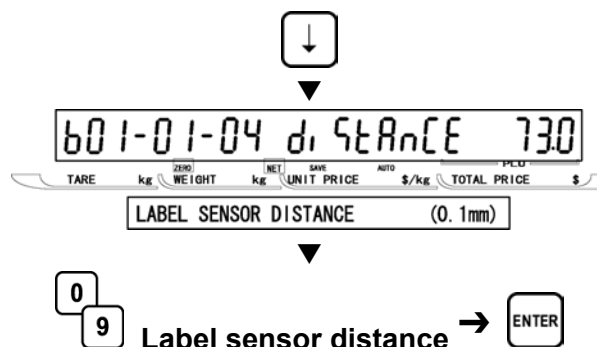
7 **[Label Type]**
Press [•] key to proceed to Label Type screen.

Then, key in the selection data (see below) and press the ENTER key to select the label type.

Selection data
0: Die-cut label
1: Continuous paper

```
[↓]
▼
b01-01-05 Continuou5   0
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
LABEL DIE-CUT=0, CONTINUOUS=1
▼
[0 9]  Selection data  →  [ENTER]
```
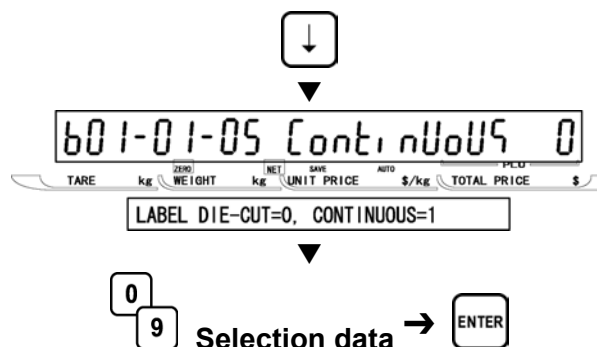
8 **[Store Name/Address Print]**
Press [•] key to proceed to Store Name/Address screen.

Then, key in the selection data (see below) and press the ENTER key to select printing availability.

Selection data
0: Disable
1: Enable

```
[↓]
▼
b01-01-06 StorE        1
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
STORE NAME, ADDRESS    → 1:ENABLE
▼
[0 9]  Selection data  →  [ENTER]
```
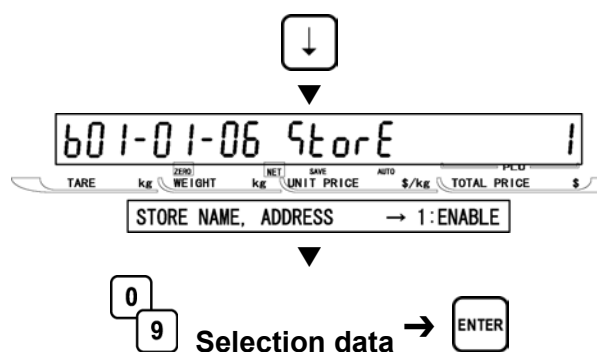
9 **[Field Title Print]**
Press [•] key to proceed to Field Title Print screen.

Then, key in the selection data (see below) and press the ENTER key to select printing availability.

Selection data
0: Disable
1: Enable

```
[↓]
▼
b01-01-07 titLE        1
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
FIELD TITLE PRINT      → 1:ENABLE
▼
[0 9]  Selection data  →  [ENTER]
```
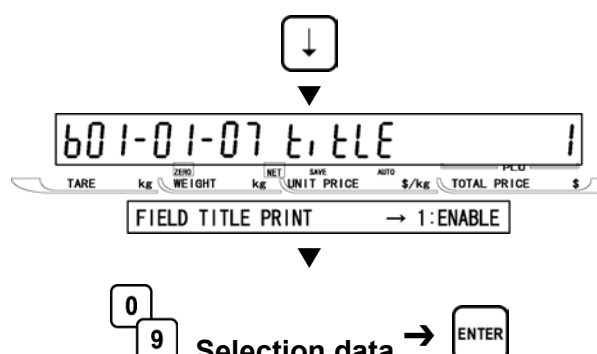
10 [Peel Sensor]
Press [•] key to proceed to Peel Sensor screen.

Then, key in the selection data (see below) and press the ENTER key to select the availability.

Selection data
0: Disable
1: Enable

```
  ↓
  ▼
b01-01-08 PEEL        0
 TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
 PEEL SENSOR        → 0:DISABLE
  ▼
 [0] [9]  Selection data  →  [ENTER]
```
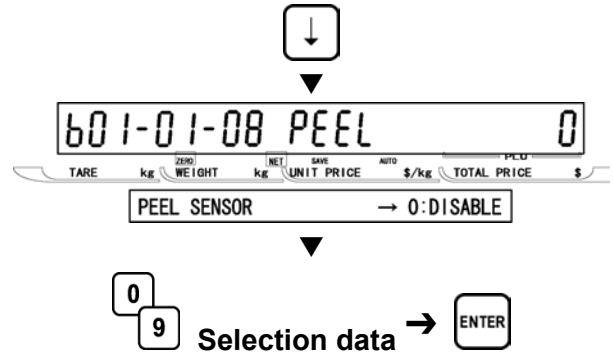
11 [PLU Number]
Press [•] key to proceed to Item Number screen.

Then, key in the PLU number (8 digits) and press the ENTER key to determine the numeric value.

Note 1: This step is used for checking label printing position

2: Keyed-in PLU number is effective in this step only.

```
  ↓
  ▼
b01-01-09 ItEn    000001
 TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
 TEST ITEM No.
  ▼
 [0] [9]  PLU number  →  [ENTER]
```
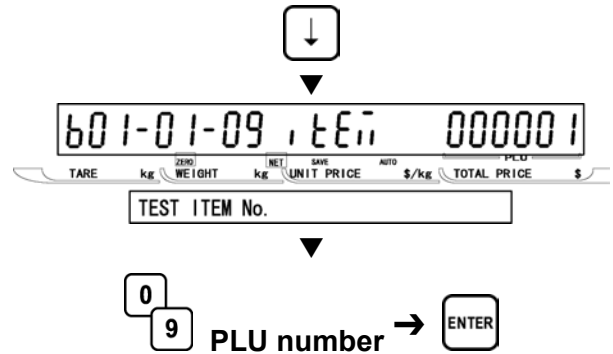
12 [Thermal Head Check]
Press [•] key to proceed to Thermal Head Check screen.

Then, key in the selection data (see below) and press the ENTER key to select the availability of thermal head failure check.

Selection data
0: Disable
1: Enable

```
  ↓
  ▼
b01-01-10 HEAd CHECh   0
 TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
 THERMAL HEAD CHECK   → 0:DISABALE
  ▼
 [0] [9]  Selection data  →  [ENTER]
```
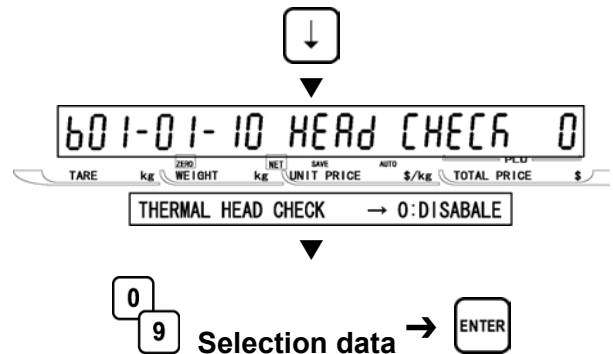
13 [Subtotal Label Format Number]
Press [•] key to proceed to Subtotal Label Format Number screen.

Then, key in the format number (20, 31 to 99) and press the ENTER key to determine the format to be printed on the subtotal label.

```
  ↓
  ▼
b01-01-11 Sub totAL   20
 TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
 SUB TOTAL LABEL FORMAT No.
  ▼
 [0] [9]  Subtotal label format no.  →  [ENTER]
```

2

SETUP MODE
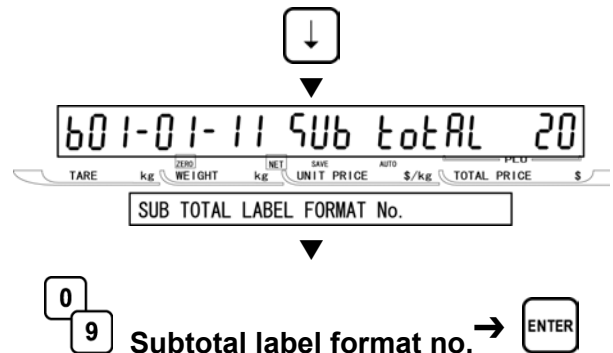
14 **[Store Number Print]**
Press [•] key to proceed to Store Number Print screen.

Then, key in the selection data (see below) and press the ENTER key to select printing availability.

Selection data
0: Disable
1: Enable

| ↓ |

b01-01-12 StorE no   1

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

STORE No. PRINT   → 1:ENABLE

| 0 | | 9 | **Selection data** → | ENTER |
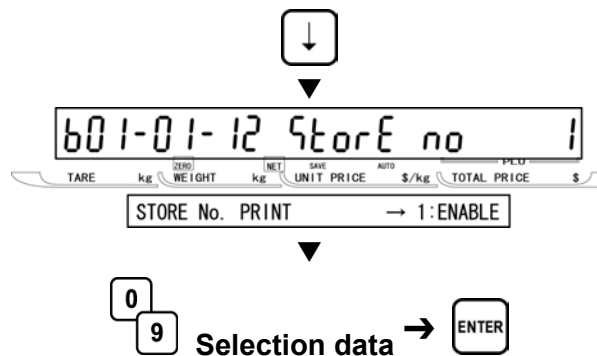
15 **[Machine Number Print]**
Press [•] key to proceed to Machine Number Print screen.

Then, key in the selection data (see below) and press the ENTER key to select printing availability.

Selection data
0: Disable
1: Enable

| ↓ |

b01-01-13 MAEHinE no   1

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

MACHINE No. PRINT   → 1:ENABLE

| 0 | | 9 | **Selection data** → | ENTER |
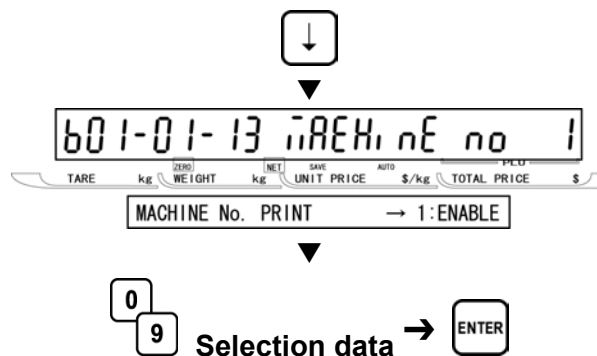
16 **[Return to B01 Screen]**
Press the END key to return to the B01 screen.

| END |

b01 LAbEL ForMAt

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

1 LABEL FORMAT   [ENTER]
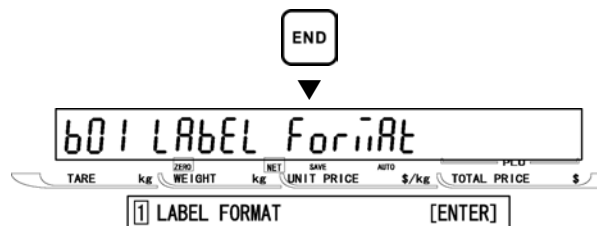
17 **[Return to Print Setup]**
Press the ENTER key to return to Print Setup screen.

| ENTER |

b01-01 Print   3

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

*PRINT SETUP   [ENTER]
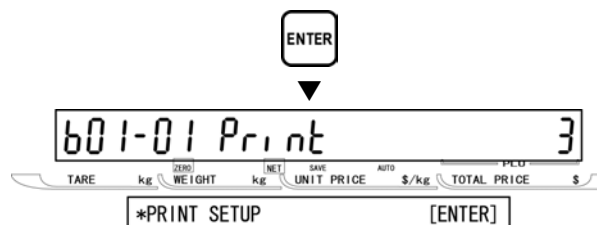
18 **[Label Format Edit]**
Press [•] key to proceed to Label Format Edit screen.

| ↓ |

b01-02 FoMAt

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

*LABEL FORMAT EDIT   [ENTER]
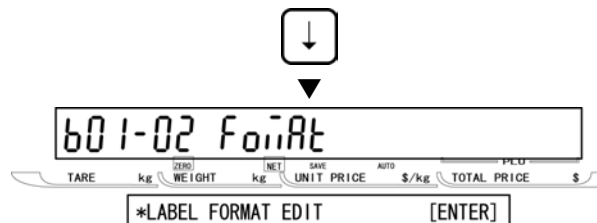
19 [Format Number]

Key in "4141" and press the SIZE key, then a buzzer sounds.

Press the ENTER key to access Format Number entry screen.

Key in the format number (1 to 99) and press the ENTER key to call the label format.

[Copying Procedure]

In order to be able to edit the default label format, perform the following procedure:

1. Key in the copy destination format number.
2. Press the ENTER key.
3. Key in the copy origin format number.
4. Press the COPY key.
5. Repeat steps 1 through 4 above for more format copies.
6. Press the END key to return to B01 screen.

| 4 | 1 | 4 | 1 | → | SIZE |

↓

ENTER

↓

b01-02-01 ForïAt no 01

| TARE | kg | ZERO WEIGHT | kg | NET SAVE UNIT PRICE | AUTO $/kg | TOTAL PRICE | PLU $ |

*FORMAT No. + [PLU]   (01)

↓

| 0 | 9 | **Format number** → | ENTER |
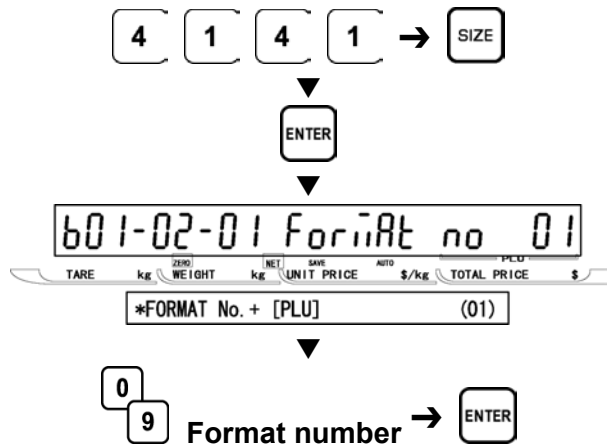
20 [Unit]

Press [•] key to proceed to Unit screen.

| ↓ |

↓

b01-02-02 Unit

| TARE | kg | ZERO WEIGHT | kg | NET SAVE UNIT PRICE | AUTO $/kg | TOTAL PRICE | PLU $ |

*UNIT   [ENTER]

2

SETUP MODE
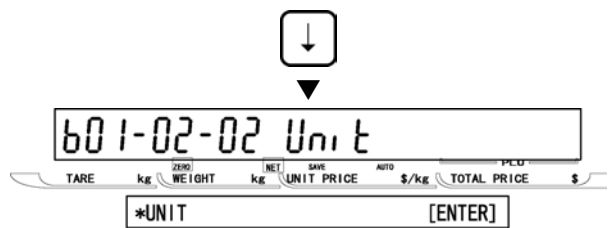
21 [X/Y-axis Positions]
Press the ENTER key to select X/Y-axis Position screen.

Note: This step is used for checking data only.

0: X-axis
1: Y-axis

ENTER

X/Y axis   Unit   Data

`b01-02-02  0n00                    0`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`0:X AXIS POSITION          (0600)`

Select the unit number screen by using [↑] or [↓] key and check the set data.

↑   **↓**

`b01-02-02  In00                    0`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`1:Y AXIS POSITION          (0760)`

Select X (Horizontal) or Y (Vertical)-axis position screen by using [←] or [→] key and check the set data (unit: 0.1mm).

[Printing Position]

←   **→**

`b01-02-02  0n00                  600`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`0:X AXIS POSITION          (0600)`

22 [Return to B01-02-01]
Press the END key to access B01-02-01 screen.

END

`b01-02-01  ForiiAt  no   01`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`*FORMAT No. + [PLU]          (01)`
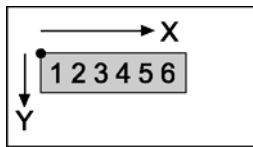
23 [Default PLU]
Press [•] key twice, or key in "3" and press [•] key to access Default PLU screen.

Then, key in the PLU number (8 digits), and press the ENTER key to determine the numeric value.

Then, press the PRINT key and the label will be issued for checking printing positions.

Note 1: This step is used for checking label printing position

   2: Keyed-in PLU number is effective in this step only.

↓ **↓**

or

3 → **↓**

`b01-02-03  PLU    00000001`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`*DEFAULT PLU          [ENTER]`

0
9 **PLU number** → **ENTER**

PRINT
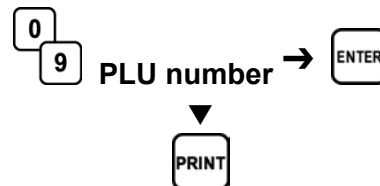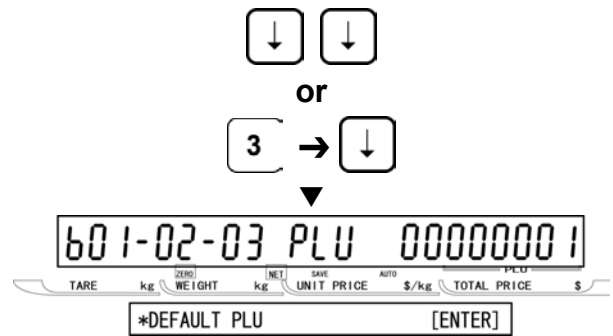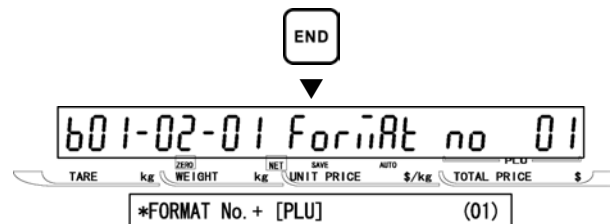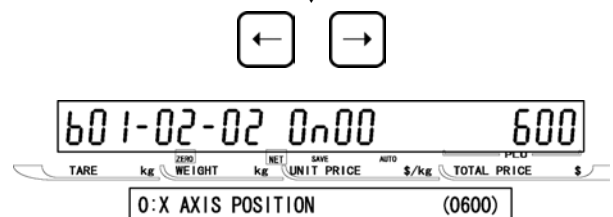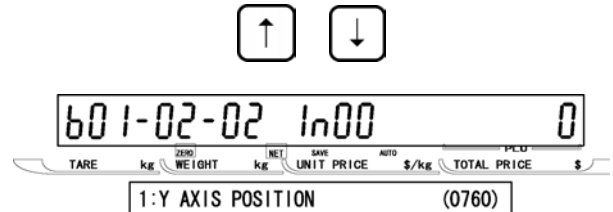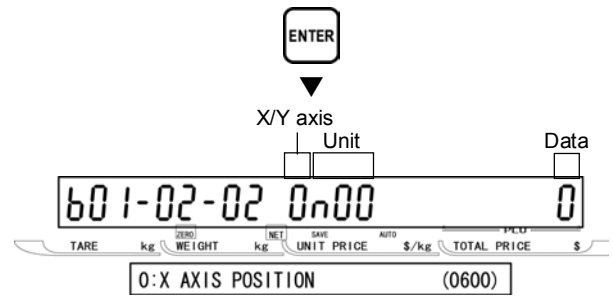
24 [Unit Data]
Press [•] key to proceed to Unit Data screen including Format number, Unit number, Address, and Input data.

Format no.   Address
Unit no.   Data

`b0 1-02-04   2  1   1 30`

TARE   kg   ZERO WEIGHT   kg   NET SAVE UNIT PRICE   AUTO $/kg   PLU TOTAL PRICE $

FMT No. /UNIT No. /ADDRESS/DATA
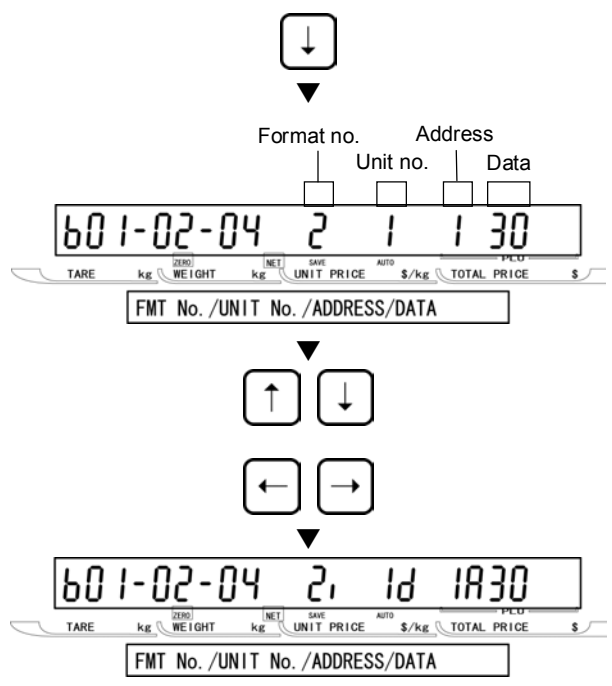
Select the unit number by using [↑] or [↓] key.

Select the address in the unit by using [←] or [→] key.

`b0 1-02-04   2,  1d  1A30`

TARE   kg   ZERO WEIGHT   kg   NET SAVE UNIT PRICE   AUTO $/kg   PLU TOTAL PRICE $

FMT No. /UNIT No. /ADDRESS/DATA

25 [Return to B01-02-01]
Press the END key to access B01-02-01 screen.

`b0 1-02-01 ForiiAt no  01`

TARE   kg   ZERO WEIGHT   kg   NET SAVE UNIT PRICE   AUTO $/kg   PLU TOTAL PRICE $

*FORMAT No. + [PLU]   (01)
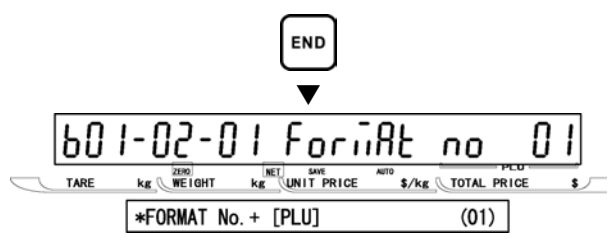
26 [Number of Units]
Press [•] key to proceed to Number of Units screen.

Key in the total number of units (1 to 50) and press the ENTER key to determine the numeric value.

or

5 → ↓

`b0 1-02-05 no oF Uni t`

TARE   kg   ZERO WEIGHT   kg   NET SAVE UNIT PRICE   AUTO $/kg   PLU TOTAL PRICE $
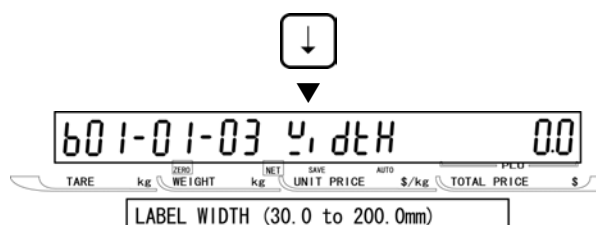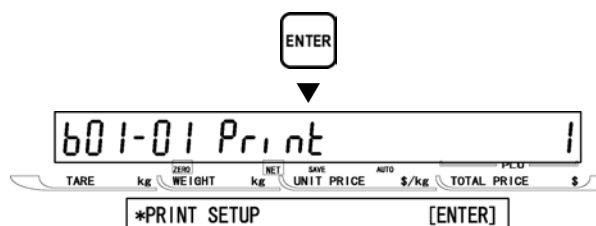
NUMBER OF UNIT   [ENTER]

0
9 Number of units → ENTER
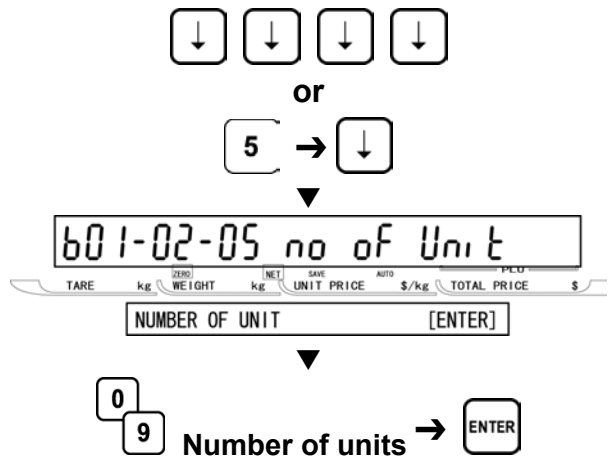
27 [Label length + Gap]
Press [•] key to proceed to Label Length + Gap screen.

Note: This step is used for checking data only.

`b0 1-02-06 LEnGtH      0.0`

TARE   kg   ZERO WEIGHT   kg   NET SAVE UNIT PRICE   AUTO $/kg   PLU TOTAL PRICE $

LABEL LENGTH+GAP (32. 5 to 242. 5)
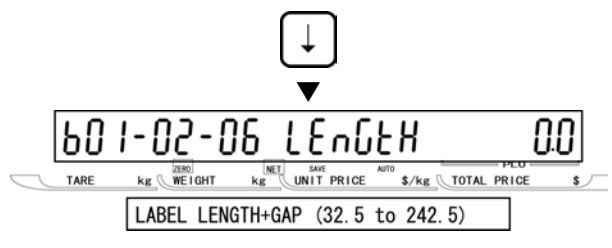
28 [Return to B01-01]
Press the END key to return to B01-01 screen.
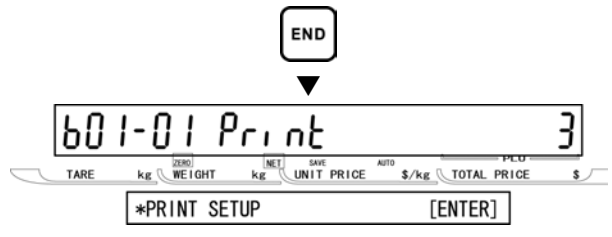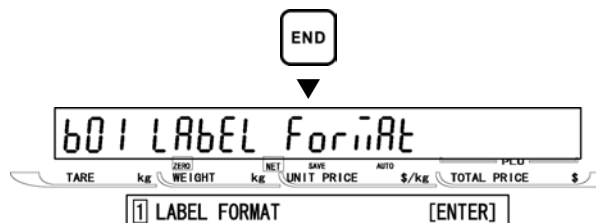
`b0 1-01 Pri nt        3`

TARE   kg   ZERO WEIGHT   kg   NET SAVE UNIT PRICE   AUTO $/kg   PLU TOTAL PRICE $

*PRINT SETUP   [ENTER]

29 [Return to B01]
Press the END key again to return to the B01 screen.

END

▼

b01 LAbEL ForⅿAt

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

1 LABEL FORMAT   [ENTER]

30 [Exiting Setup Mode]
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

▼

0.000   0.000   0.00   0.00

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

KEY IN ITEM No.
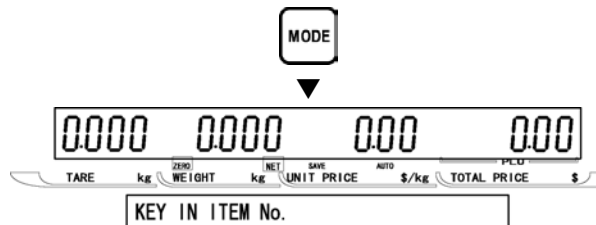
2.3 POS CODE (B02)

1 **[B02 Screen]**
Make sure that POS Code screen (B02) appears on the display.
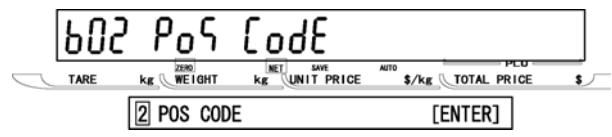
Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b02 PoS CodE
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
2 POS CODE                    [ENTER]
```

2 **[POS Flag 8/13]**
Press the ENTER key to access POS Flag screen.

Key in the POS flag data (1 digit for flag 8 and 2 digits for flag 13) and press the ENTER key to determine the flag code (Barcode prefix).

[ENTER]
▼

EAN 13
EAN 8

```
b02-01 PoS FLAG          202
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
POS FLAG 8(1Digit),13(2Digit)
```
▼

[0] [9] **POS flag 8/13 data** → [ENTER]

3 **[10 Digit Flag 8/13]**
Press [•] key to proceed to 10 Digit Flag screen.

Key in the 10 digit flag data (2 digits) and press the ENTER key to determine the flag code for source marking.

[↓]
▼

```
b02-02 10 diG FLG        4040
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
10 DIGIT FLAG 8(2Dig), 13(2Dig)
```
▼

[0] [9] **10 digit flag data** → [ENTER]
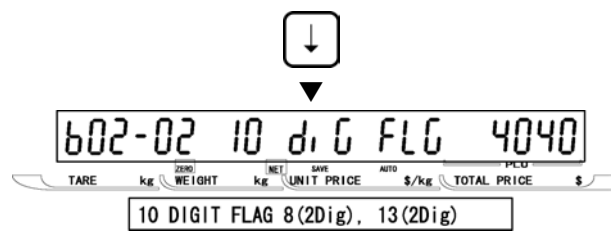
4 **[POS Type]**
Press [•] key   move to POS Type screen.

Key in the selection data (see below) and press the ENTER key to specify the barcode type.

Selection data
1: EAN 13
2: EAN 8
3: 10 Digits 13
4: 5 Digits 8
5: ITF 2 of 5

[↓]
▼

```
b02-03 PoS tYPE    1     1
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
POS TYPE  → 1:NON PLU 13    (1)
```
▼

[0] [9] **Selection data** → [ENTER]
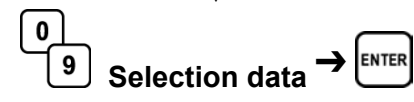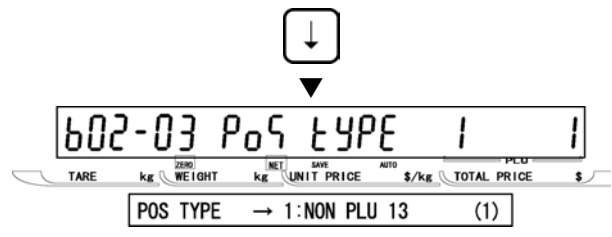
5 [Barcode Type]

Press [•] key to proceed to Barcode Type screen.

Key in the selection data (see below) and press the ENTER key to select Non-PLU 13 code.

```
┌───┐
│ ↓ │
└───┘
   ▼
```

b02-04 bAr tYPE   4   4

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

BAR TYPE   4：FFCCCCCPPPPP（CD）

```
   ▼
┌───┐
│ 0 │
│ 9 │   Selection data  →  ENTER
└───┘
```

Selection data
```
 0:  Reference
01:  FFCCCCC(CP)PPPP(CD)
02:  FFCCCCCCPPPP(CD)
03:  FCCCCCC(CP)PPPP(CD)
04:  FFCCCCCPPPPP(CD)
05:  FCCCCCCPPPPP(CD)
06:  FFCCCC(CP)PPPPP(CD)
07:  FFCCCCCCWWWW(CD)
08:  FCCCCCCWWWWW(CD)
09:  FCCCCC I I I I I(CD)
10:  FFCCCCCCPPPP(CD)…Sweden EAN code
11:  FFCCCCCCWWWW(CD) …Sweden EAN code
12:  FFCCCC(CP)WWWWW(CD)
13:  FFMMMCCPPPPP(CD)
14:  FFMMCCCPPPPP(CD)
15:  FFCCCCC(0)PPPP(CD)
16:  FFCCCCCWWWWW(CD)
17:  FFCCCCCPPPPP(CD)…Least significant amount digit is omitted.
18:  FFCCCCC(CP)PPPP(CD) …Least significant amount digit is omitted..
19:  FFCCCCC(CP)WWWW(CD)
20:  FCCCCCPPPPPP(CD)
21:  FFCCCCPPPPPP(CD)
22:  FCCCWWWWPPPP(CD)
23:  FFCCCCQQPPPP(CD)
24:  F I I I I I I PPPPP(CD)
25:  FF I I I I I I PPPP(CD)
26:  FCCCCPPPPPPP(CD)
27:  F I I I I I I PPPPP(CD)
28:  FF I I I I I I PPPP(CD)
29:  FCCCCCCCPPPPP(CD)
30:  FFCCCCCCCPPPP(CD)
31:  FFCCCCCQQQQQ(CD)
```

F : **Flag code**
C : **Item code**
P : **Price**
W : **Weight**
I : **PLU number**
M : **Manufacturer code**
Q : **Quantity**
(CP): **Check price**
(CD): **Check digit**

6 **[ITF Barcode Type]**
Press [•] key to proceed to ITF Barcode
Type screen.

Key in the selection data (see below) and
press the ENTER key to select the ITF
barcode.

Selection data
1: FFCCCCCPPPPP W5/Q5(CD)
2: FFCCCCUUUUUWWWWW(CD)
3: FFCCCCCPPPPPWWWWW(CD)
4: FFCCCCCPPPPPQQQQQ(CD)

↓
▼

```
b02-05 ,tF bAr      1    1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

ITF → 1:FFCCCCCPPPPP W5/Q5(CD)

▼

0
9   **Selection data** → ENTER
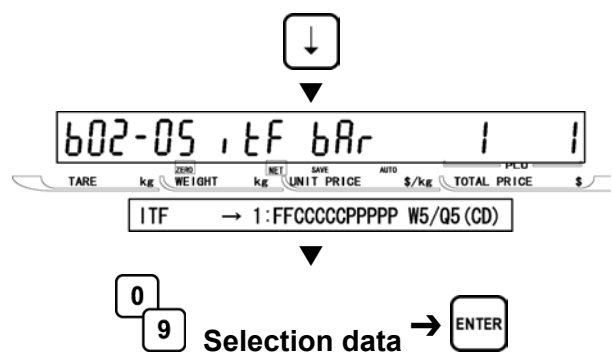
7 **[Manufacturer Code]**
Press [•] key to proceed to Manufacturer
Code screen.

Key in the manufacturer code (4 digits) and
press the ENTER key to determine the
numeric value.
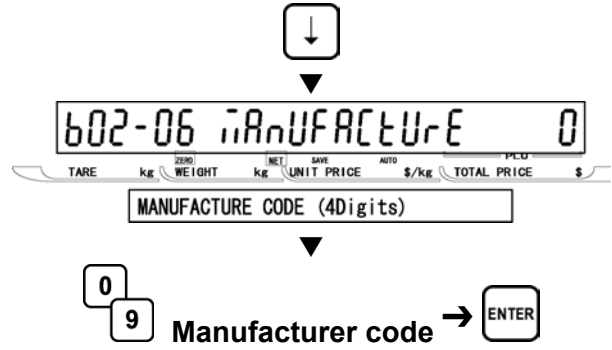
↓
▼

```
b02-06 ᴨAnUFACtUrE      0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

MANUFACTURE CODE (4Digits)

▼

0
9   **Manufacturer code** → ENTER

8 **[Return to B01]**
Press the END key to return to the B01
screen.

END
▼

```
b01 LAbEL ForᴨAt
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

[1] LABEL FORMAT   [ENTER]

9 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the
MODE key. Then Key In Item No. screen will
appear.

MODE
▼

```
0.000    0.000    0.00    0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
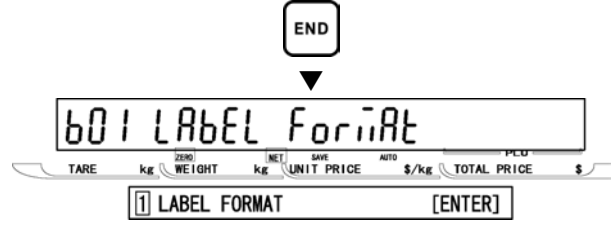
KEY IN ITEM No.
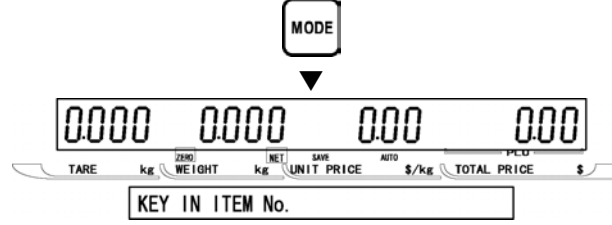
2.4   ITEM CODE (B03)

1 **[B03 Screen]**
Make sure that Item Code screen (B03) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b03 CodE PoSition
```
TARE   kg ZERO WEIGHT   kg NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

3 ITEM CODE POSITION   [ENTER]

2 **[Item Code Position (Barcode)]**
Press the ENTER key to access Item Code Position (Barcode) screen.

Key in the position data (2 digits) and press the ENTER key to determine the position and the number of digits of an item code to be reflected to the barcode.

Note: The default is the case in which 5 digits is to be used from the 4th digit of 8-digit item code.
*123**45678**: "45678" is taken into the barcode.*

[ENTER]
▼
```
b03-01 bArCodE          45
```
TARE   kg ZERO WEIGHT   kg NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

ITEM CODE POSITION (BARCOD(45)
▼
[0][9] **Position (Barcode) data** → [ENTER]

3 **[Item Code Position (Department)]**
Press [•] key to proceed to Item Code Position (Department) screen.

Then, key in the position data (2 digits) and press the ENTER key to determine the position and the number of digits of a department code to be reflected to the department code.

Note: The default is the case in which 1 digit is to be used from the 3rd digit of 8-digit item code.
*12**3**45678: "3" is taken into the department code.*

[↓]
▼
```
b03-02 dEPArtmEnt          31
```
TARE   kg ZERO WEIGHT   kg NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

ITEM CODE POSITION (DEPT)
▼
[0][9] **Position (Department) data** → [ENTER]

4 **[Item Code Position (Group)]**
Press [•] key to proceed to Item Code Position (Group) screen.

Key in the position data (2 digits) and press the ENTER key to determine the position and the number of digits of a group code to be reflected to the group code.

Note: The default is the case in which 2 digits are to be used from the 4th digit of 8-digit item code.
*123**45**678: "45" is taken into the department code.*
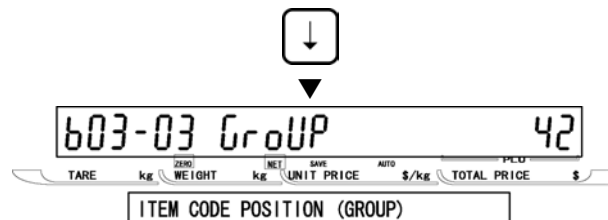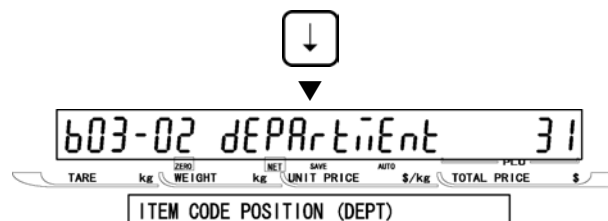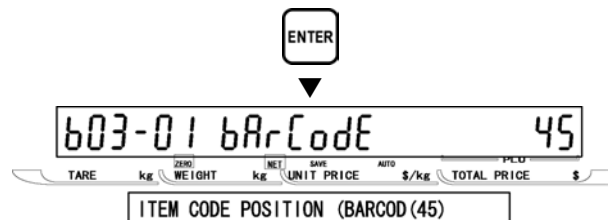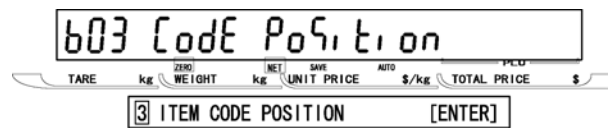
[↓]
▼
```
b03-03 GroUP          42
```
TARE   kg ZERO WEIGHT   kg NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

ITEM CODE POSITION (GROUP)
▼
[0][9] **Position (Group) data** → [ENTER]

5 **[Return to B01]**
Press the END key to return to the B01 screen.

END

▼

b01 LAbEL FormAt

| TARE | kg | ZERO WEIGHT | kg | NET SAVE UNIT PRICE | AUTO $/kg | PLU TOTAL PRICE | $ |

| 1 | LABEL FORMAT | | [ENTER] |

6 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

▼

0.000   0.000   0.00   0.00

| TARE | kg | ZERO WEIGHT | kg | NET SAVE UNIT PRICE | AUTO $/kg | PLU TOTAL PRICE | $ |

KEY IN ITEM No.

2
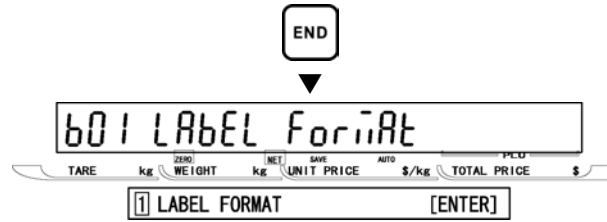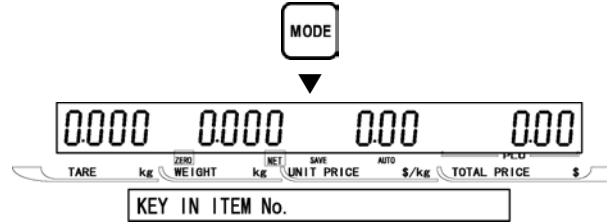
SETUP MODE

2.5 DEFAULT DATA (B04)

1 **[B04 Screen]**
Make sure that Default screen (B04) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b04 dEFAULt
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
4 DEFAULT                [ENTER]
```

2 **[Date Print Flag]**
Press the ENTER key to enter Date Print Flag screen.

Key in the selection data (see below) and press the ENTER key to select the printing flag.
Note: The default value is "4" (Both print).

Selection data
1: No print (PROHIBIT)
2: Packing date print (PACK DATE)
3: Expiry date print (USE BY)
4: Both print (BOTH)

[ENTER]
▼
```
b04-01 dAtE FLAG   4    4
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
DATE PRINT FLAG          → 4:BOTH
```
▼

0 9 **Selection data** → [ENTER]

3 **[Shelf Life]**
Press [•] key to proceed to Shelf Life screen.

Key in the number of days for expiry (0 to 999) and press the ENTER key to determine the shelf life.

Note: "1" denotes "That day".
Specifying "1000" refers to the default vale of Setup Mode.

[↓]
▼
```
b04-02 SHELF LiFE        1
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
SHELF LIFE (0 to 999)
```
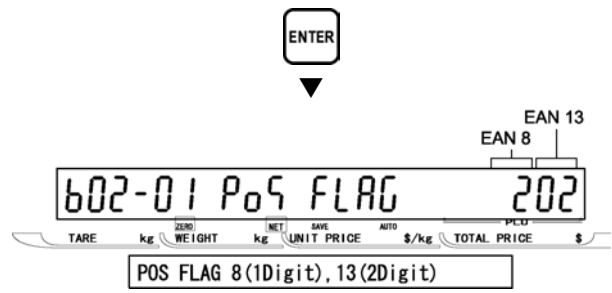▼

0 9 **Number of days** → [ENTER]
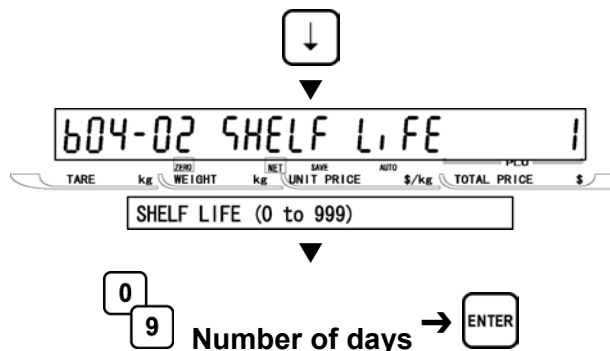
4 **[Pack Time Flag]**
Press [•] key to proceed to Pack Time Flag screen.

Then, key in the selection data (see below) and press the ENTER key to select the printing availability.

Selection data
1: No print (PROHIBIT)
2: Installed time (INSTALLED:CLOCK)
3: Designated time (DESIGNATED)

[↓]
▼
```
b04-03 P tiiE        1    1
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
PACK TIME FLAG           → 1:PROHIBIT
```
▼

0 9 **Selection data** → [ENTER]
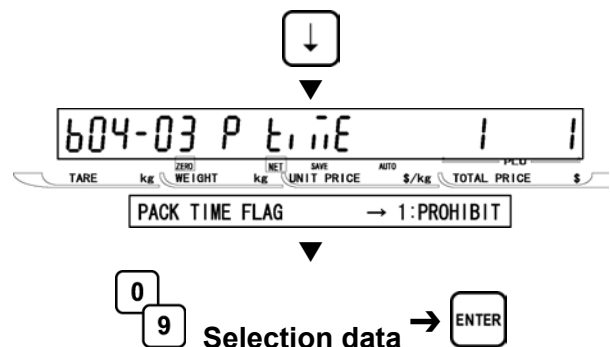
5 **[Expiry Time Flag]**
Press [•] key to proceed to Expiry Time Flag screen.

Then, key in the selection data (see below) and press the ENTER key to select the printing availability.

Selection data
1: No print (PROHIBIT)
2: Designated time (DESIGNATED)
3: Relative time (RELATIVE)

b04-04 E tiñE   l   l

EXPIRY TIME FLAG   → 1:PROHIBIT

Selection data → ENTER
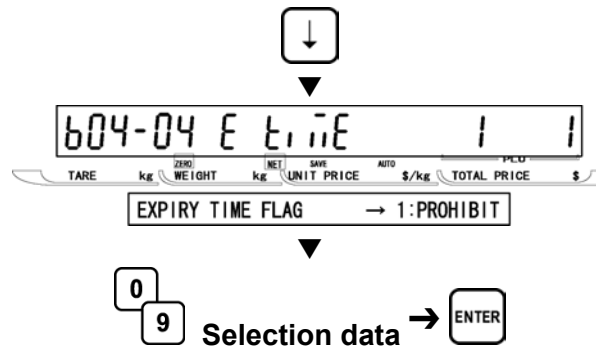
6 **[Best Before Flag]**
Press [•] key to proceed to Best Before Flag screen.

Then, key in the selection data (see below) and press the ENTER key to select the printing availability.

Selection data
1: No print (NO PRINT)
2: Print (PRINT)

b04-05 bEForE F   l   l

BEST BEFORE FLAG   → 1:NO PRINT

Selection data → ENTER
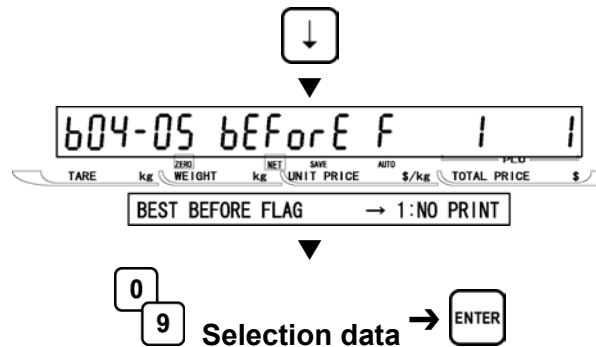
7 **[Best Before Date]**
Press [•] key to proceed to Best Before Date screen.

Then, key in the number of days for best before date (0 to 999) and press the ENTER key to determine the numeric value.

b04-06 bEForE d   l

BEST BEFORE DATE (0 to 999)

Number of days → ENTER
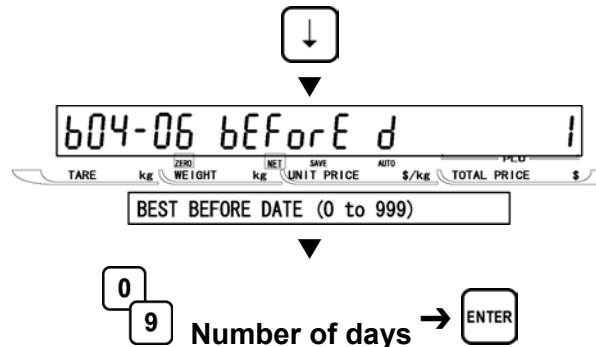
8 **[Unit Type]**
Press [•] key to proceed to Unit Type screen.

Then, key in the selection data (see below) and press the ENTER key to specify the desired unit type for fixed price items.

Selection data
 1: oz   2: lb   3: kg   4: g
 5: PC   6: BOX   7: BUNDLE 8: PACK
 9: CUT   10: SLICE   11: CUP   12: PKT
13: BAG   14: BUNCH 15: BOTTLE
16: LB   17: None

b04-07 Unit tYPE   l   l

UNIT TYPE   → 1:oz

Selection data → ENTER

2

SETUP MODE

9 **[Return to B01]**
Press the END key to return to the B01 screen.

END

▼

b01 LAbEL ForiiAt

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

1 LABEL FORMAT   [ENTER]

10 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

▼

0.000   0.000   0.00   0.00

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
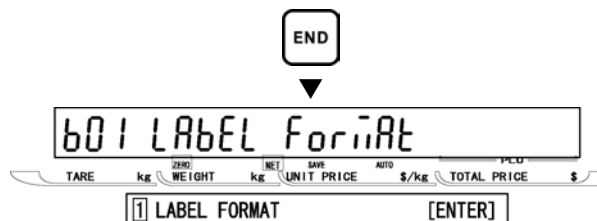
KEY IN ITEM No.
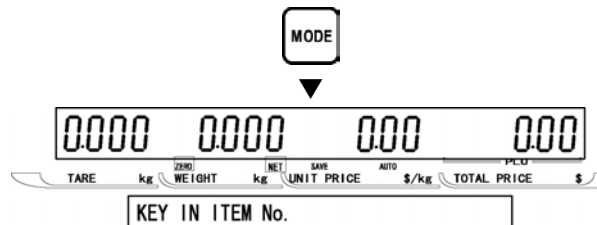
2.6　TOTAL MODE SELECT (B05)

1　**[B05 Screen]**
Make sure that Total Mode Select screen (B05) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b05 totAL SELCt
```
TARE　kg WEIGHT　kg UNIT PRICE　$/kg TOTAL PRICE　$

[5] TOTAL MODE SELECT　　[ENTER]

2　**[Daily Total]**
Press the ENTER key to enter Daily Total screen.

Then, key in the selection data (see below) and press the ENTER key to disable or enable addition to daily total.

Selection data
0: Disable
1: Enable (Default)

ENTER

```
b05-01 dAiLY          1  1
```
TARE　kg WEIGHT　kg UNIT PRICE　$/kg TOTAL PRICE　$

DAILY TOTAL　→ 1:ENABLE　　(1)

[0] [9] **Selection data** → ENTER

3　**[Weekly Total]**
Press [•] key to proceed to Weekly Total screen.
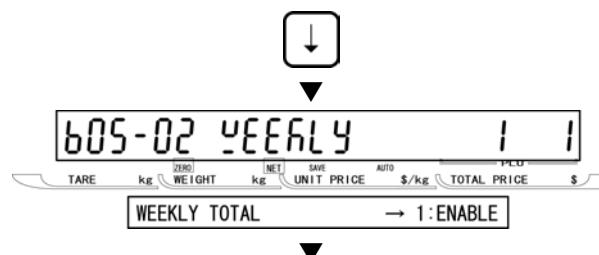
Then, key in the selection data (see below) and press the ENTER key to disable or enable addition to weekly total..

Selection data
0: Disable
1: Enable (Default)

[↓]

```
b05-02 YEEALY         1  1
```
TARE　kg WEIGHT　kg UNIT PRICE　$/kg TOTAL PRICE　$

WEEKLY TOTAL　　　　→ 1:ENABLE

[0] [9] **Selection data** → ENTER

4　**[Monthly Total]**
Press [•] key to proceed to Monthly Total screen.
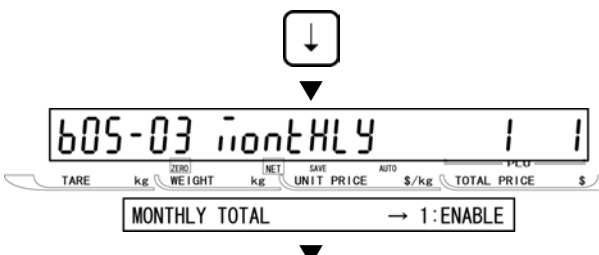
Then, key in the selection data (see below) and press the ENTER key to disable or enable addition to monthly total..

Selection data
0: Disable
1: Enable (Default)

[↓]

```
b05-03 nontHLY        1  1
```
TARE　kg WEIGHT　kg UNIT PRICE　$/kg TOTAL PRICE　$

MONTHLY TOTAL　　　→ 1:ENABLE

[0] [9] **Selection data** → ENTER

2

SETUP MODE

5 **[Batch Total]**
Press [•] key to proceed to Batch Total screen.

Note: This screen appears only when ROM switch setting is ON.

Then, key in the selection data (see below) and press the ENTER key to disable or enable addition to batch total.

Selection data
0: Disable
1: Enable (Enable)
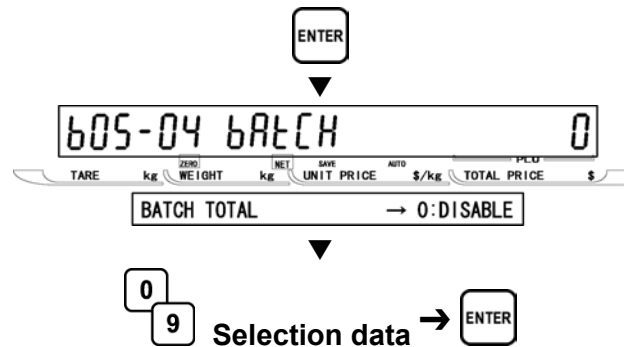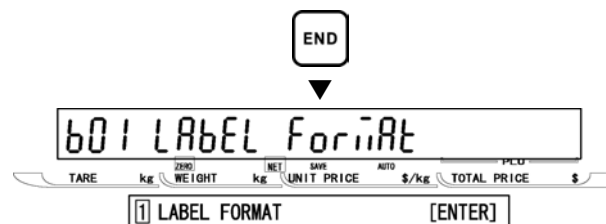
ENTER

▼

b05-04 bAtCH   0

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

BATCH TOTAL   → 0:DISABLE

▼

0
9   **Selection data** → ENTER

6 **[Return to B01]**
Press the END key to return to the B01 screen.

END

▼

b01 LAbEL ForiiAt

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

1 LABEL FORMAT   [ENTER]

7 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

▼

0.000   0.000   0.00   0.00

TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.
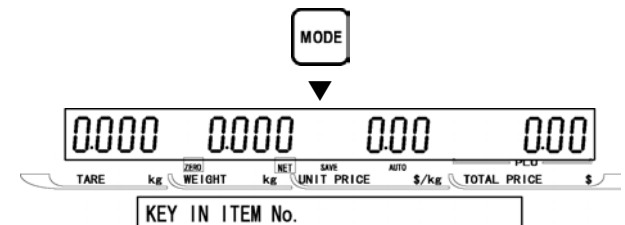
1 **[B07 Screen]**
Make sure that Open Price screen (B07) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

b07 oPEn PriCE

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

7 OPEN PRICE   [ENTER]

2 **[Open Price]**
Press the ENTER key to access Open Price screen.
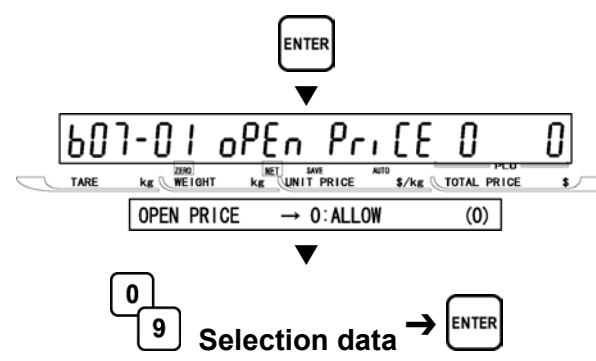
Then, key in the selection data (see below) and press the ENTER key to allow an open price or prohibit a temporary unit price change.

Selection data
0: Allow (Default)
1: Prohibit
Note: The default value is "0" (Open price).
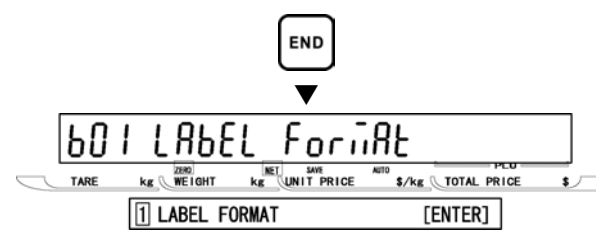
ENTER

b07-01 oPEn PriCE 0   0

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

OPEN PRICE   → 0:ALLOW   (0)

0
9   **Selection data** → ENTER

3 **[Return to B01]**
Press the END key to return to the B01 screen.

END

b01 LAbEL ForñAt

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

1 LABEL FORMAT   [ENTER]

4 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

0.000   0.000   0.00   0.00

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

KEY IN ITEM No.

2
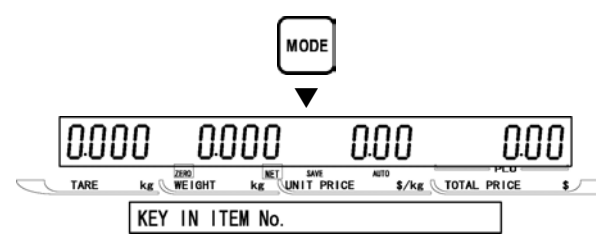
SETUP MODE

2.8 PLU SELECT (B08)

1 **[B08 Screen]**
Make sure that Open Price screen (B08) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b08 PLU SELECt
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
8 PLU SELECT                [ENTER]
```
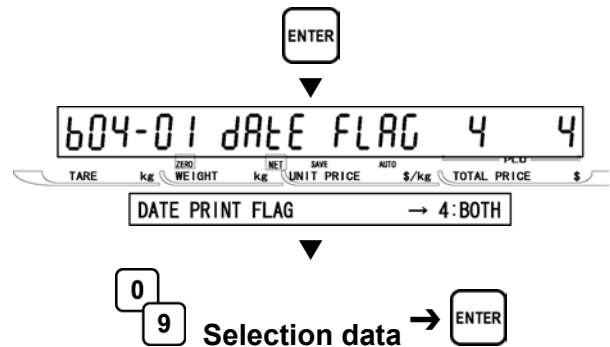
2 **[Sales Mode]**
Press the ENTER key to access Sales Mode screen.

Then, key in the selection data (see below) and press the ENTER key to disable or enable the sales mode.

Selection data
0: Disable
1: Enable (Default)

Note: When "0: Disable" is selected, the set item does not appear on P01: PLU File screen.

[ENTER]
▼
```
b08-02 SALES ñOdE      1 1
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
SALES MODE          → 1:ENABLE
```
▼
[0] [9] **Selection data** → [ENTER]

3 **[Unit Price]**
Press [•] key to enter Unit Price screen.

Then, key in the selection data (see below) and press the ENTER key to disable or enable the unit price.

Selection data
0: Disable
1: Enable (Default)

[↓]
▼
```
b08-03 PriCE           1 1
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
UNIT PRICE          → 1:ENABLE
```
▼
[0] [9] **Selection data** → [ENTER]
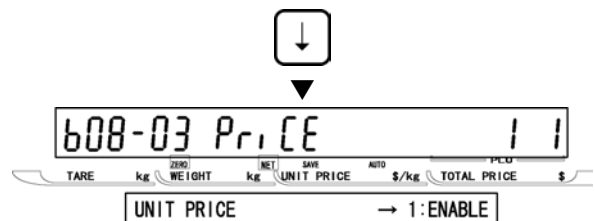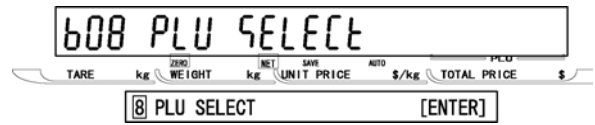
4 **[Other Availability Settings]**
In the same manner as in step 3 above,
select the availability of the following menu:

Selectable menu
B08-02: Sales mode
B08-03: Unit price
B08-04: Markdown flag
B08-05: Markdown price
B08-06: Fixed weight
B08-07: Pack quantity
B08-08: Tare
B08-09: Date print
B08-10: Used by
B08-11: Best before flag
B08-12: Best before date
B08-13: Pack time flag
B08-14: Pack time data
B08-15: Expiry time flag
B08-16: Expiry time data
B08-17: Item code
B08-18: Barcode type
B08-19: POS type
B08-20: POS flag
B08-21: POS code
B08-22: Open price
B08-23: Extra message 1
B08-24: Extra message 2
B08-25: Extra message 3
B08-26: Coupon message
B08-27: Logo image 1
B08-28: Logo image 2
B08-29: Label format number
B08-32: Upper limit
B08-33: Lower limit
B08-34: Unit type
B08-35: Department code
B08-36: Group code
B08-37: Register code
B08-38: Cost price
B08-39: POP number

5 **[Return to B01]**
Press the END key to return to the B01
screen.
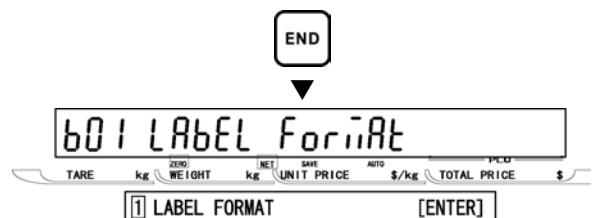
END

▼

```
b01 LAbEL ForiiAt
```
TARE   kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $

1 LABEL FORMAT   [ENTER]

6 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the
MODE key. Then Key In Item No. screen will
appear.

MODE

▼

```
0.000    0.000    0.00        0.00
```
TARE   kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $

KEY IN ITEM No.
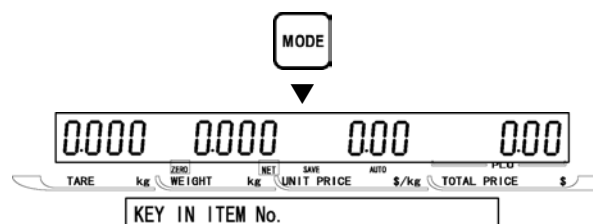
2.9　SYSTEM SELECT (B09)

1 **[B09 Screen]**
Make sure that System screen (B09) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b09 5Y5tEn
```
TARE   kg ZERO/WEIGHT kg NET SAVE AUTO UNIT PRICE $/kg TOTAL PRICE PLU $

9 SYSTEM   [ENTER]

2 **[PLU]**
Press the ENTER key to access PLU screen.

Then, key in the selection data (see below) and press the ENTER key to disable or enable the PLU.

Selection data
0: Disable
1: Enable (Default)

Note: When "Disable" is selected, and the ENTER key is pressed to access the item in Registration Mode, an error buzzer will sound three times.

ENTER
▼
```
b09-01 PLU        1    1
```
TARE   kg ZERO/WEIGHT kg NET SAVE AUTO UNIT PRICE $/kg TOTAL PRICE PLU $

PLU   → 1:ENABLE   (1)
▼
[0] [9] **Selection data** → ENTER
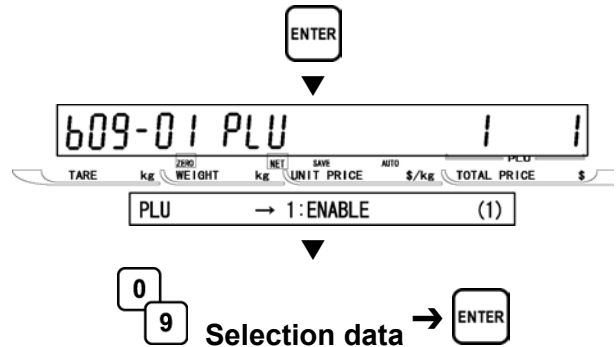
3 Press [•] key to proceed to Unit Price screen.

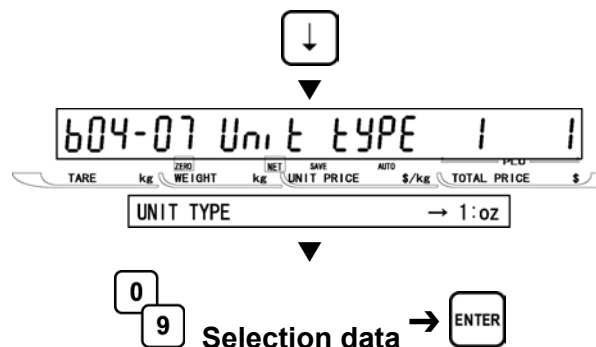Then, key in the selection data (see below) and press the ENTER key to disable or enable the unit price.

Selection data
0: Disable
1: Enable (Default)

[↓]
▼
```
b09-02 Connodity 1    1
```
TARE   kg ZERO/WEIGHT kg NET SAVE AUTO UNIT PRICE $/kg TOTAL PRICE PLU $

COMMODITY   → 1:ENABLE   (1)
▼
[0] [9] **Selection data** → ENTER
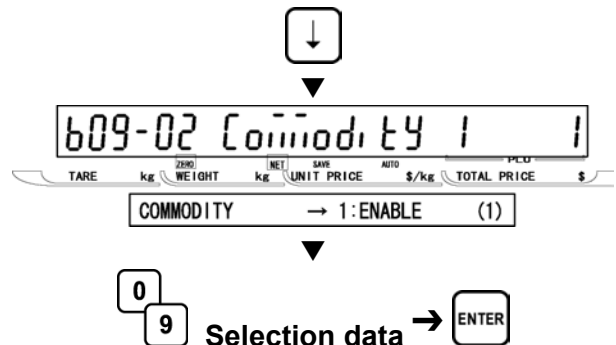
4 **[Other Availability Settings]**
In the same manner as in step 3 above,
select the availability of the following menu:

Selectable menu
B09-01: PLU
B09-02: Commodity
B09-04: Preset key
B09-05: Store address
B09-06: Date
B09-07: Extra message 1
B09-08: Default PLU
B09-09: Item list
B09-10: RS232C communication
B09-20: Coupon message
B09-21: Extra message 2
B09-22: Extra message 3
B09-23: TCP/IP communication
B09-24: Operator
B09-25: Title message
B09-26: Advertisement message
B09-27: Department
B09-28: Group
B09-29: Campaign item

5 **[Return to B01]**
Press the END key to return to the B01
screen.
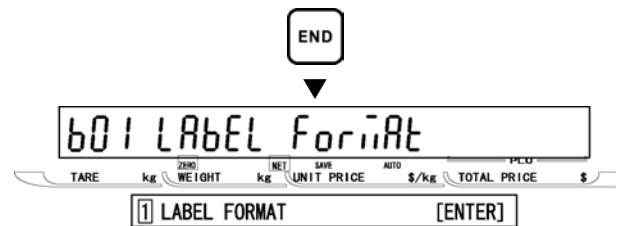
6 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the
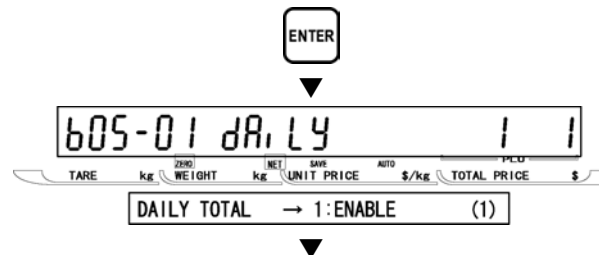MODE key. Then Key In Item No. screen
will appear.
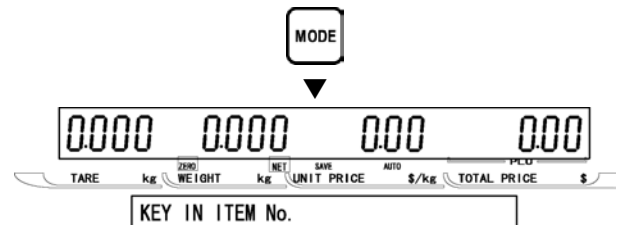
2.10 ETHERNET SETUP (B10)

1 **[B10 Screen]**
Make sure that Ethernet Setup screen (B10) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b 10 EtHErnEt
```
TARE   kg ZERO/WEIGHT   kg NET SAVE/UNIT PRICE $/kg AUTO TOTAL PRICE $ PLU

10 ETHERNET SETUP   [ENTER]

2 **[IP Address Setup]**
Press the ENTER key to access IP Address Setup screen.

[ENTER]
▼
```
b 10-01 iP AddrESS
```
TARE   kg ZERO/WEIGHT   kg NET SAVE/UNIT PRICE $/kg AUTO TOTAL PRICE $ PLU

*IP ADDRESS SETUP   [ENTER]

3 **[IP Address 1]**
Press the ENTER key to access IP Address 1 screen.

Then, key in the address 1 (3 digits) and press the ENTER key.

<u>XXX.</u>   <u>XXX.</u>   <u>XXX.</u>   <u>XXX.</u>
Address 1   Address 2   Address 3   Address 4

[ENTER]
▼
```
b 10-01-01 Addr 1      192
```
TARE   kg ZERO/WEIGHT   kg NET SAVE/UNIT PRICE $/kg AUTO TOTAL PRICE $ PLU

IP ADDRESS 1
▼
[0][9] **IP address 1** → [ENTER]

4 **[IP Address 2]**
Press [•] key to proceed to IP Address 2 screen.

Then, key in the address 2 (3 digits) and press the ENTER key.

[↓]
▼
```
b 10-01-02 Addr 2      168
```
TARE   kg ZERO/WEIGHT   kg NET SAVE/UNIT PRICE $/kg AUTO TOTAL PRICE $ PLU

IP ADDRESS 2
▼
[0][9] **IP address 2** → [ENTER]

5 **[IP Address 3]**
Press [•] key to proceed to IP Address 3 screen.

Then, key in the address 3 (3 digits) and press the ENTER key.

[↓]
▼
```
b 10-01-03 Addr 3       10
```
TARE   kg ZERO/WEIGHT   kg NET SAVE/UNIT PRICE $/kg AUTO TOTAL PRICE $ PLU

IP ADDRESS 3
▼
[0][9] **IP address 3** → [ENTER]
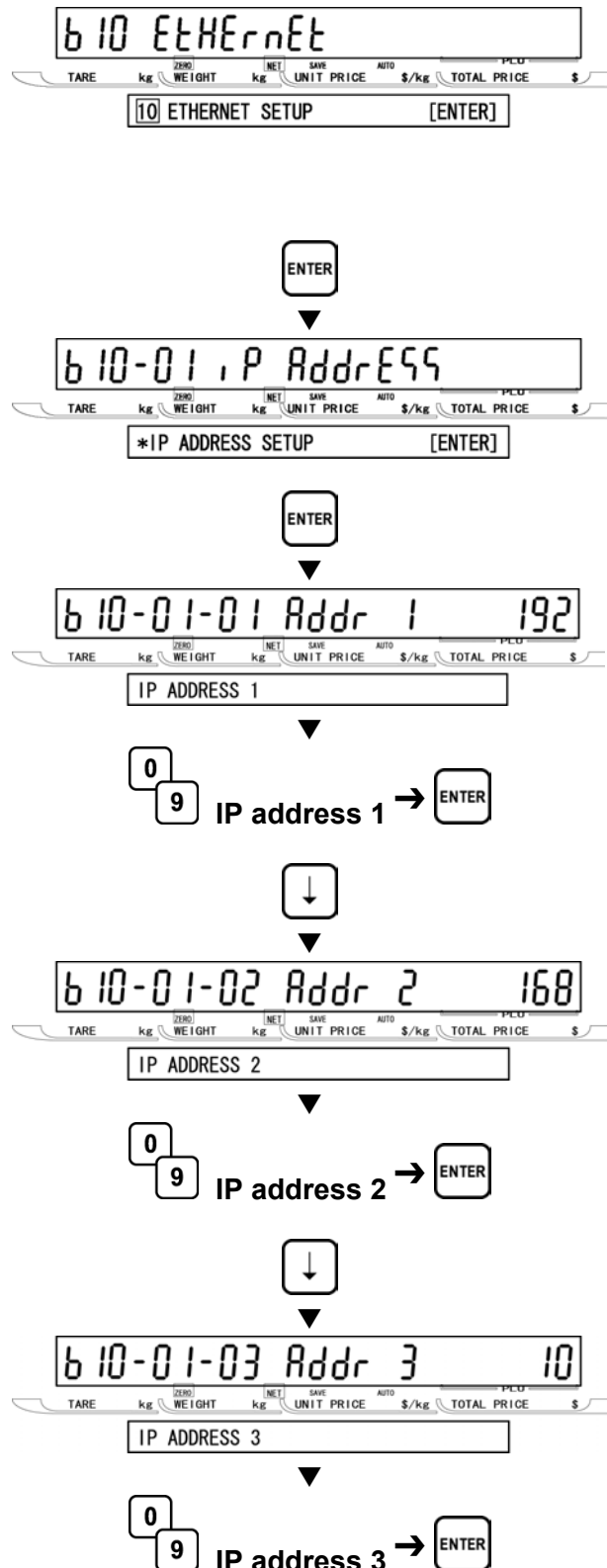
6 **[IP Address 4]**
Press [•] key to proceed to IP Address 4 screen.

Then, key in the address 4 (3 digits) and press the ENTER key.

| ↓ |

`b 10-01-04 Addr 4        101`

TARE | kg | ZERO WEIGHT | kg | NET UNIT PRICE | SAVE $/kg | AUTO TOTAL PRICE | PCU $

IP ADDRESS 4

0 9 **IP address 4** → ENTER

7 **[Return to B10-01]**
Press the END key to return to B10-01 screen.

END

`b 10-01 , P AddrESS`

TARE | kg | ZERO WEIGHT | kg | NET UNIT PRICE | SAVE $/kg | AUTO TOTAL PRICE | PCU $
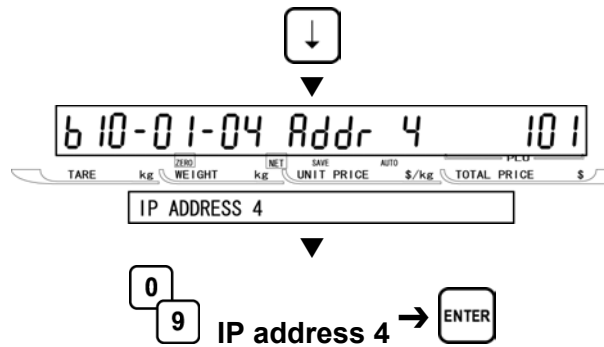
*IP ADDRESS SETUP   [ENTER]
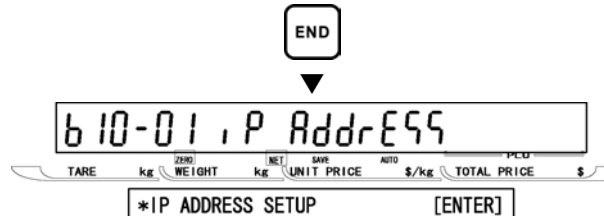
8 **[Gateway Address Setup]**
Press [•] key to enter Gateway Address Setup screen.

| ↓ |

`b 10-02 GAtEYAY`

TARE | kg | ZERO WEIGHT | kg | NET UNIT PRICE | SAVE $/kg | AUTO TOTAL PRICE | PCU $

*GATEWAY ADDRESS SETUP   [ENTER]

9 **[Gateway Address 1]**
Press the ENTER key to enter Gateway Address 1 screen.

Then, key in the address 1 and press the ENTER key.

XXX.   XXX.   XXX.   XXX.
Address 1 Address 2 Address 3 Address 4

ENTER

`b 10-02-01 Addr 1        192`

TARE | kg | ZERO WEIGHT | kg | NET UNIT PRICE | SAVE $/kg | AUTO TOTAL PRICE | PCU $

GATEWAY ADDRESS 1

0 9 **Gateway address 1** → ENTER
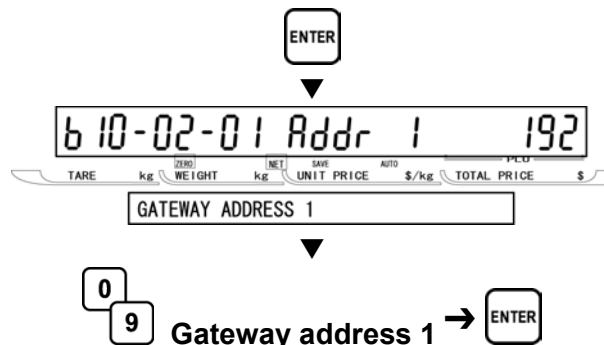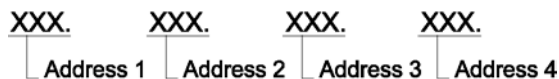
10 **[Gateway Address 2]**
Press [•] key to proceed to Gateway Address 2 screen.

Then, key in the address 2 (3 digits) and press the ENTER key.

| ↓ |

`b 10-02-02 Addr 2        168`

TARE | kg | ZERO WEIGHT | kg | NET UNIT PRICE | SAVE $/kg | AUTO TOTAL PRICE | PCU $

GATEWAY ADDRESS 2

0 9 **Gateway address 2** → ENTER

2

SETUP MODE
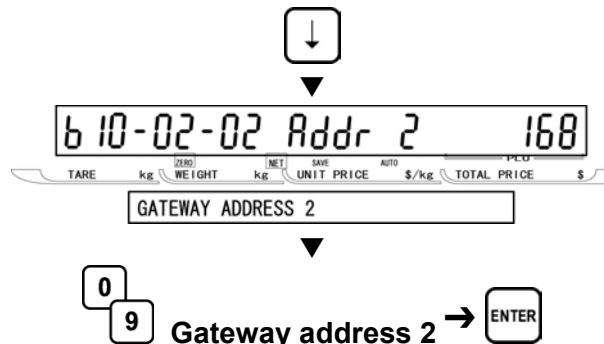
11 **[Gateway Address 3]**
Press [•] key to proceed to Gateway Address 3 screen.

Then, key in the address 3 (3 digits) and press the ENTER key.

[↓]
▼
`b 10-02-03 Addr 3          10`
TARE   kg   ZERO WEIGHT   kg   NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

GATEWAY ADDRESS 3
▼
[0] [9] **Gateway address 3** → [ENTER]
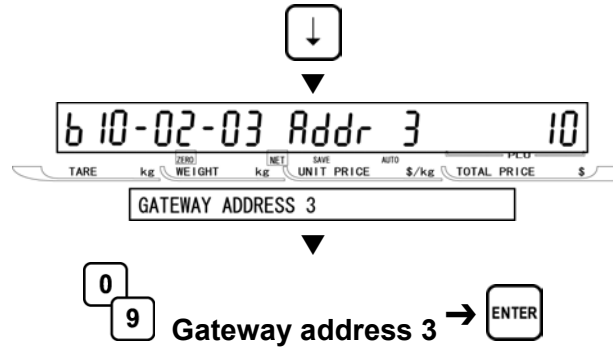
12 **[Gateway Address 4]**
Press [•] key to proceed to Gateway Address 4 screen.

Then, key in the address 4 (3 digits) and press the ENTER key.

[↓]
▼
`b 10-02-04 Addr 4           1`
TARE   kg   ZERO WEIGHT   kg   NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

GATEWAY ADDRESS 4
▼
[0] [9] **Gateway address 4** → [ENTER]

13 **[Return to B10-01]**
Press the END key to return to B10-01 screen.

[END]
▼
`b 10-01 IP AddrESS`
TARE   kg   ZERO WEIGHT   kg   NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

*IP ADDRESS SETUP   [ENTER]
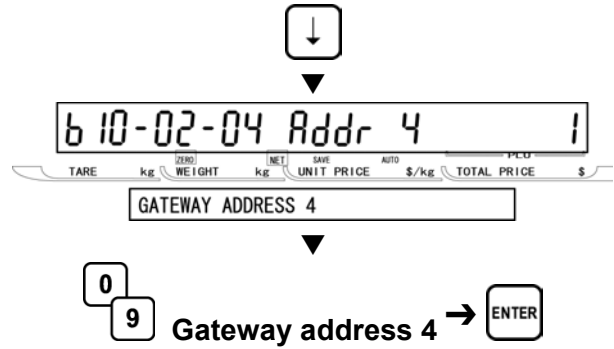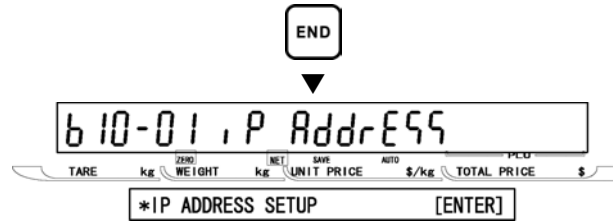
14 **[Subnet Mask Setup]**
Key in "3" and press [•] key to access Subnet Mask Setup screen.

[3] → [↓]
▼
`b 10-03 SUbnEt`
TARE   kg   ZERO WEIGHT   kg   NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

*SUBNET MASK SETUP   [ENTER]
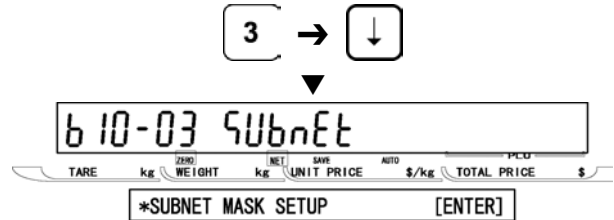
15 **[Subnet Mask Address 1]**
Press the ENTER key to access Subnet Mask Address 1 screen.

Then, key in the address 1 and press the ENTER key.

XXX.	XXX.	XXX.	XXX.
Address 1	Address 2	Address 3	Address 4

[ENTER]
▼
`b 10-03-01 Addr 1         255`
TARE   kg   ZERO WEIGHT   kg   NET UNIT PRICE   SAVE $/kg   AUTO TOTAL PRICE   PLU $

SUBNET MASK 1   (255)
▼
[0] [9] **Subnet mask address 1** → [ENTER]
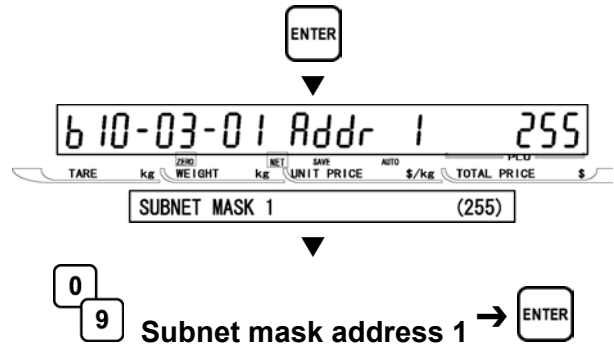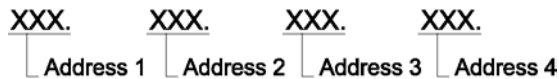
16 **[Subnet Mask Address 2]**
Press [•] key to proceed to Subnet Mask Address 2 screen.

Then, key in the address 2 (3 digits) and press the ENTER key.

↓

b10-03-02 Addr 2   255

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SUBNET MASK 2   (255)

0 9 **Subnet mask address 2** → ENTER

17 **[Subnet Mask Address 3]**
Press [•] key to proceed to Subnet Mask Address 3 screen.

Then, key in the address 3 (3 digits) and press the ENTER key.

↓

b10-03-03 Addr 3   255

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SUBNET MASK 3   (255)

0 9 **Subnet mask address 3** → ENTER
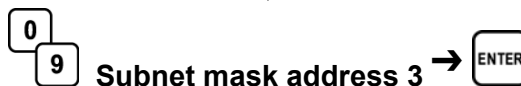
18 **[Subnet Mask Address 4]**
Press [•] key to proceed to Subnet Mask Address 4 screen.

Then, key in the address 4 (3 digits) and press the ENTER key.

↓

b10-03-04 Addr 4   255

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SUBNET MASK 4   (255)

0 9 **Subnet mask address 4** → ENTER

19 **[Return to B10-01]**
Press the END key to return to B10-01 screen.

END

b10-01 iP AddrESS

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
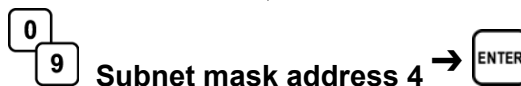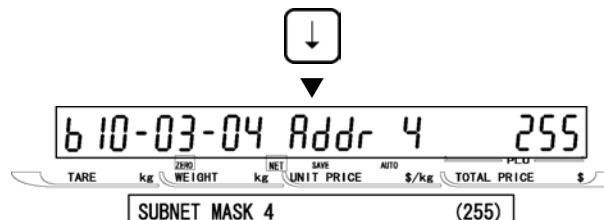
*IP ADDRESS SETUP   [ENTER]
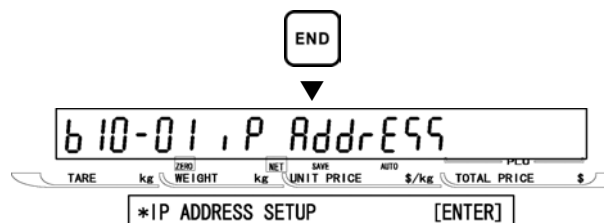
20 **[Server Address Setup]**
Key in "4" and press [•] key to access Server Address Setup screen.

Server address setup is required for setting the IP address of the master scale in order to communicate between connected scales. (Refer to Section 3.15 for TCP/IP Mode)

4 → ↓

b10-04 SEruEr

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

*SERVER ADDRESS SETUP   [ENTER]
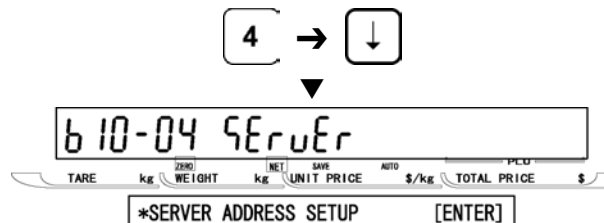
21 **[Server Address 1]**
Press the ENTER key to enter Server Address 1 screen.

Then, key in the address 1 and press the ENTER key.

XXX.   XXX.   XXX.   XXX.
└ Address 1 └ Address 2 └ Address 3 └ Address 4

ENTER
▼

`b 10-04-01 Addr  1        255`
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SERVER ADDRESS 1   (255)
▼

0 / 9 **Server address 1** → ENTER
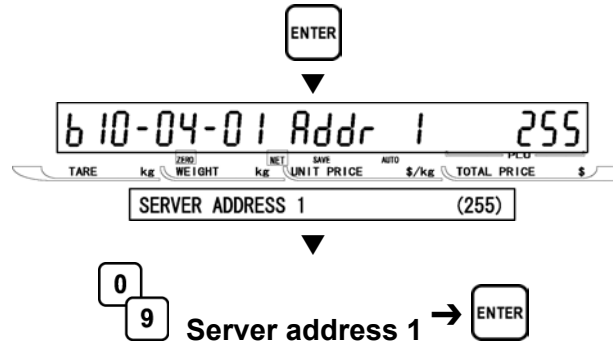
22 **[Server Address 2]**
Press [•] key to proceed to Server Address 2 screen.

Then, key in the address 2 (3 digits) and press the ENTER key.

↓
▼

`b 10-04-02 Addr  2        255`
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SERVER ADDRESS 2   (255)
▼

0 / 9 **Server address 2** → ENTER
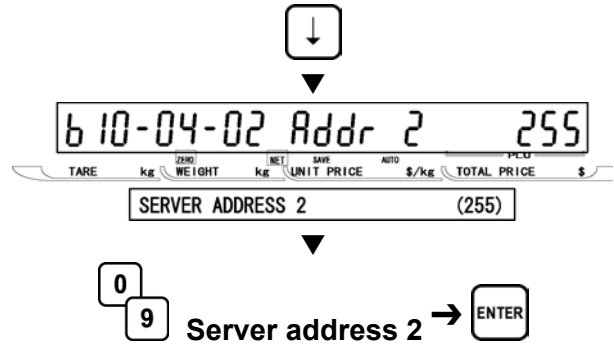
23 **[Server Address 3]**
Press [•] key to proceed to Server Address 3 screen.

Then, key in the address 3 (3 digits) and press the ENTER key.

↓
▼

`b 10-04-03 Addr  3        255`
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SERVER ADDRESS 3   (255)
▼

0 / 9 **Server address 3** → ENTER
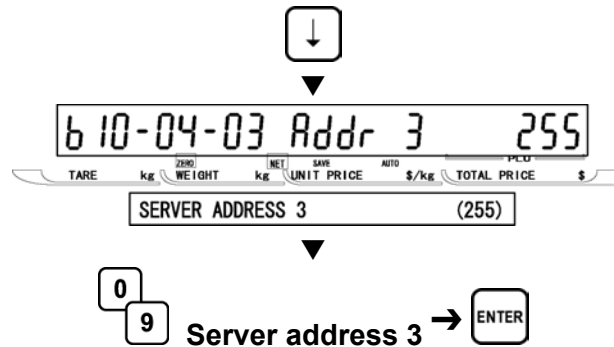
24 **[Server Address 4**
Press [•] key to proceed to Server Address 4 screen.

Then, key in the address 4 (3 digits) and press the ENTER key.

↓
▼

`b 10-04-04 Addr  4        255`
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SERVER ADDRESS 4   (255)
▼

0 / 9 **Server address 4** → ENTER

25 **[Return to B10-01]**
Press the END key to return to B10-01 screen.

END
▼

`b 10-01 iP AddrESS`
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

*IP ADDRESS SETUP   [ENTER]
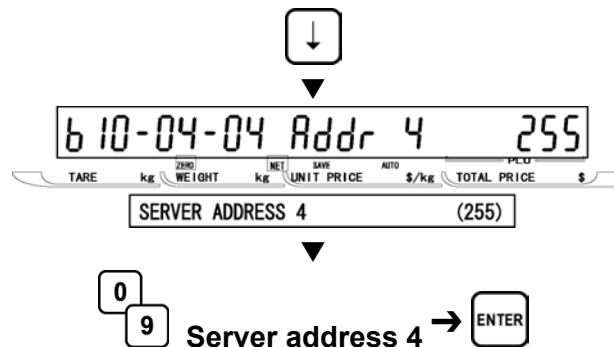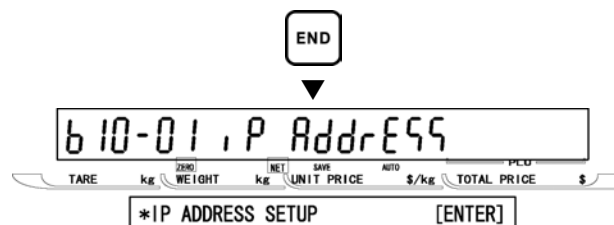
26 [Login Name Setup]
Key in "5" and press [•] key to access Login Name Setup screen.

Login Name setup is required for setting the login name of the scale in order to carry out FTP communications between connected scales. (Default: test)

```
5  →  ↓
▼
b10-05 Login
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*LOGIN NAME SETUP        [ENTER]
```
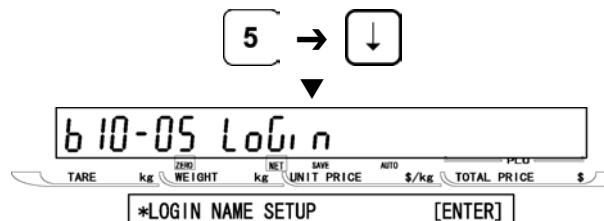
27 [Login Name]
Press the ENTER key to access Login Name screen.

Key in the login name (Max. 12 alpha-numeric characters) and press the ENTER key.

Note: When updating the scale firmware by using FwUpdate. Wiz, set the default value.

```
ENTER
▼
tESt
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
LOGIN NAME
▼
A
Z   Login name  →  ENTER
```

28 [Return to B10-01]
Press the END key to return to B10-01 screen.

```
END
▼
b10-01 iP AddrESS
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*IP ADDRESS SETUP        [ENTER]
```
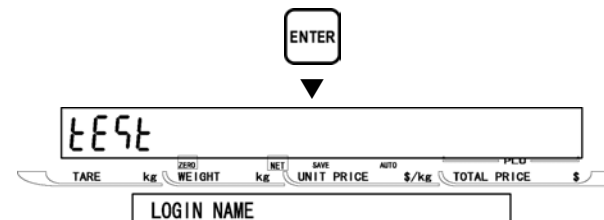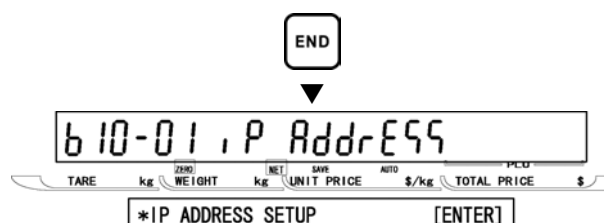
29 [Password Setup]
Key in "6" and press [•] key to access Password Setup screen.

Password setup is required for setting the password of the scale in order to carry out FTP communications between connected scales. (Default: usnet)

```
6  →  ↓
▼
b10-06 PASSyord
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*PASSWORD SETUP          [ENTER]
```
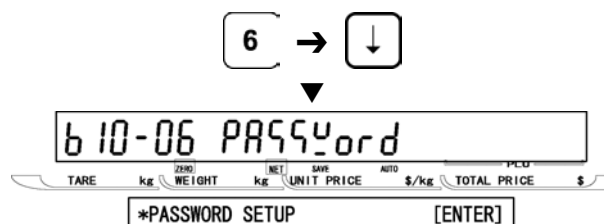
30 [Password]
Press the ENTER key to enter Password screen.

Then, key in the password (Max. 12 alpha-numeric characters) and press the ENTER key.

Note: When updating the scale firmware by using FwUpdate. Wiz, set the default value.

```
ENTER
▼
USnEt
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
PASSWORD
▼
A
Z   Password  →  ENTER
```

31 [Return to B10-01]
Press the END key to return to B10-01 screen.

```
END
▼
b10-01 iP AddrESS
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*IP ADDRESS SETUP        [ENTER]
```
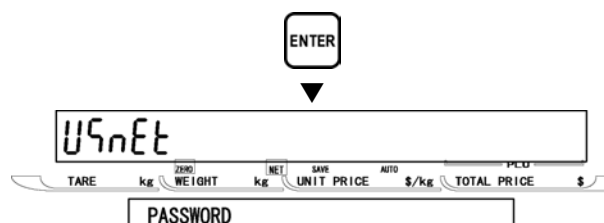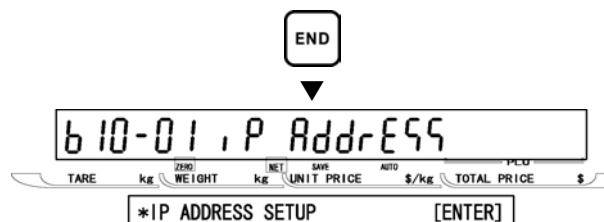
32 [MAC Address Setup]

MAC (Media Access Control) address is the proper address for the network card, and to be assigned with a fixed value to the PWB board of the scale.

Key in "7" and press [•] key to access Password Setup screen for checking set data.

Note 1: This value is unchangeable because it is used as the reference data in the case of an unexpected communication trouble.

2: When changing the MAC address by any reason, key in the password "495344" and press the SIZE key. Then, the buzzer will sound one time. In this case, press the ENTER key to display B10-07-01 to 03, key in the required value followed by the ENTER key, and press the ENTER key. Then, press the END key to return to B10-01: IP Address.

$7 \rightarrow \downarrow$

b 10-07 MAC

*MAC ADDRESS SETUP   [ENTER]
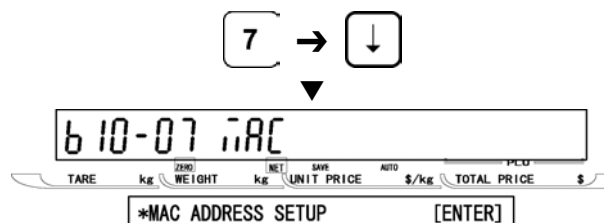
33 [MAC Address 1]

Press the ENTER key to enter MAC Address 1 screen for checking set data.

XXXX.   XXXX.   XXXX.
└ Address 1 └ Address 2 └ Address 3

ENTER

b 10-07-01 Addr 1

MAC ADDRESS 1   (0030)

34 [MAC Address 2]

Press [•] key to proceed to MAC Address 2 screen for checking set data.

↓

b 10-07-02 Addr 2

MAC ADDRESS 2   (1615)

35 [MAC Address 3]

Press [•] key to proceed to MAC Address 3 screen for checking set data.

↓

b 10-07-03 Addr 3

MAC ADDRESS 3   (0007)

36 [Return to B10-01]

Press the END key to return to B10-01 screen.

END

b 10-01 iP AddrESS

*IP ADDRESS SETUP   [ENTER]
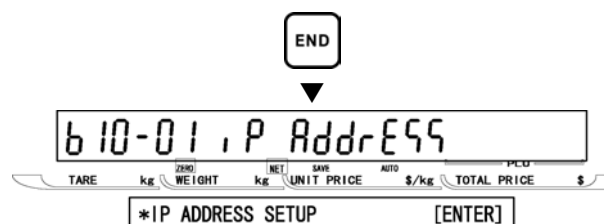
37 [DHCP Setup]
Key in "8" and press [•] key to access DHCP Setup screen.

`8` → `↓`
▼

b 10-08 dHCP
TARE kg ZERO/WEIGHT kg NET/SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $
*DHCP SETUP   [ENTER]
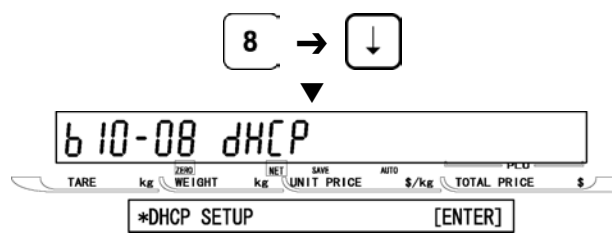
38 [DHCP]
Press the ENTER key to enter DHCP screen.
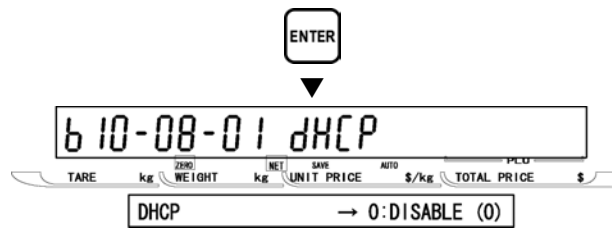
Then, key in the selection data (see below) and press the ENTER key to determine ON or OFF of the DHCP function.

Selection data
0: Disable
1: Enable

Note: When "1: Enable" is set, and the DHCP server does not exist, an error buzzer will sound three times (in a few minutes) when the power is turned ON or the RESET key is pressed.

`ENTER`
▼

b 10-08-01 dHCP
TARE kg ZERO/WEIGHT kg NET/SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $
DHCP   → 0:DISABLE (0)

▼

`0` `9` **Selection data** → `ENTER`

39 [Return to B10-01]
Press the END key to return to B10-01 screen.

`END`
▼

b 10-01 iP AddrESS
TARE kg ZERO/WEIGHT kg NET/SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $
*IP ADDRESS SETUP   [ENTER]
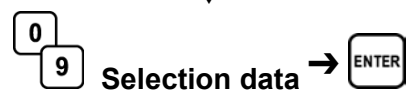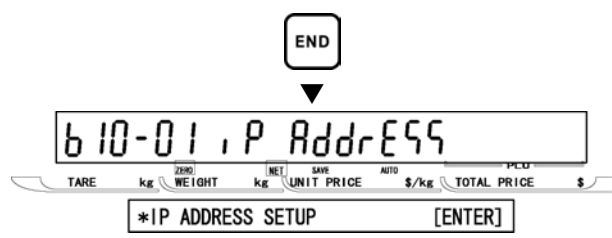
40 [Network Status]
Key in "9" and press [•] key to access Network Status screen.

Note: B10-09-XX screens are used to confirm current communication data. Data entry cannot be made.

`9` → `↓`
▼

b 10-09 StAtUS
TARE kg ZERO/WEIGHT kg NET/SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $
*NETWORK STATUS   [ENTER]
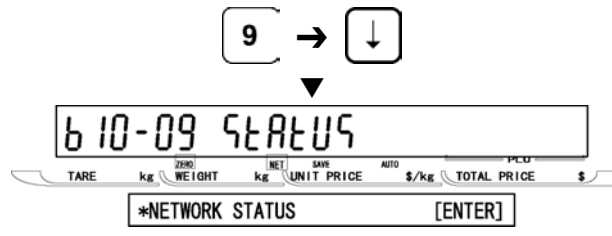
41 [DHCP Status]
Press the ENTER key to enter DHCP status screen.

`ENTER`
▼

b 10-09-01 dHCP
TARE kg ZERO/WEIGHT kg NET/SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $
DHCP STATUS   (0)
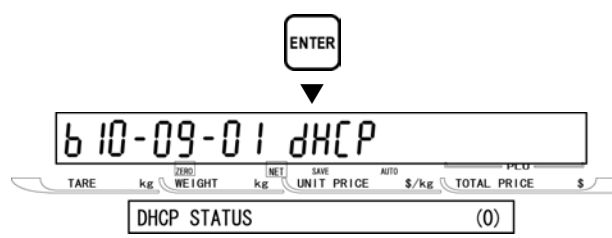
42 [IP Address]
Press [•] key to proceed to IP Address screen.
Note: If an error occurs, "0.0.27.254" will appear on the display.

`↓`
▼

b 10-09-02 iP
TARE kg ZERO/WEIGHT kg NET/SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $
IP ADDR.   192. 168. 10. 10

2

SETUP MODE
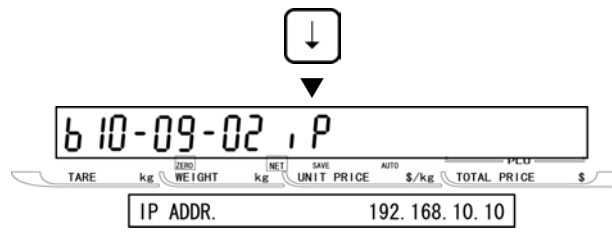
43 **[MAC Address]**
Press [•] key to proceed to MAC Address screen.

Note: If the machine is disconnected from network or a communication error occurs, "00:00:lb:fe:10:01" will appear on the display.

↓

b 10-09-03 ⁿAC

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

MAC ADDR.   0030. 1615. 0007
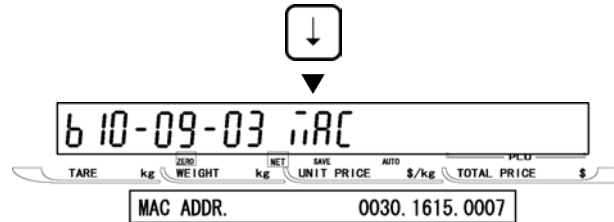
44 **[Subnet Mask]**
Press [•] key to proceed to Subnet Mask screen.

Note: If an error occurs, "0.0.27.254" will appear on the display.

↓

b 10-09-04 SUb

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

SUBNET MASK   255. 255. 255. 0
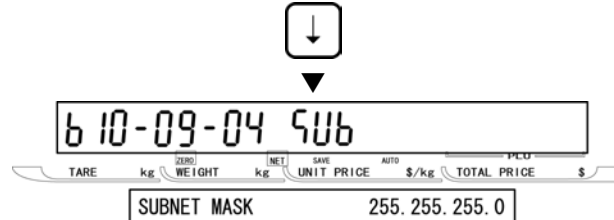
45 **[Gateway Address]**
Press [•] key to proceed to Gateway Address screen.

Note: If an error occurs, "0.0.27.254" will appear on the display.
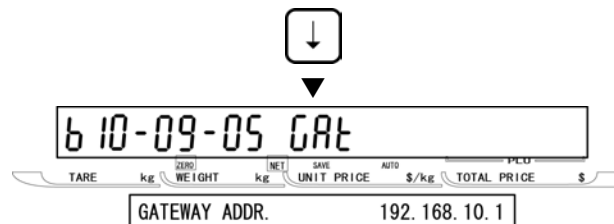
↓

b 10-09-05 GAt

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

GATEWAY ADDR.   192. 168. 10. 1

46 **[Return to B10-01]**
Press the END key to return to B10-01 screen.

END

b 10-01 .P AddrESS

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

*IP ADDRESS SETUP   [ENTER]

47 **[Return to B01]**
Press the END key again to return to the B01 screen.

END

b01 LAbEL ForⁿAt

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

1 LABEL FORMAT   [ENTER]
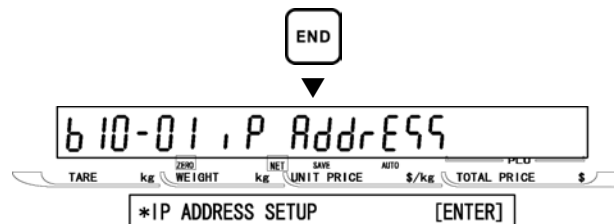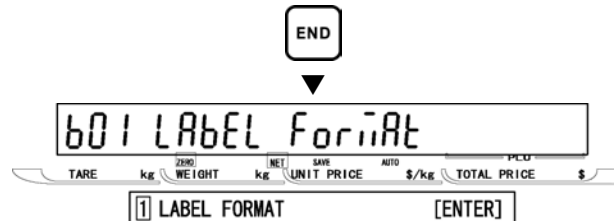
48 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

Note: When the data of B10: Ethernet Setup has been changed, press the MODE key to re-start the scale, and the changed data will be valid.

MODE

0.000   0.000   0.00   0.00

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

KEY IN ITEM No.
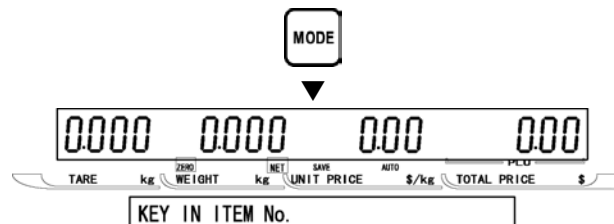
2.11 SYSTEM TIMER (B11)

This menu is to set the timer to keep the called-up PLU on the display.

1 **[B11 Screen]**
Make sure that System Timer screen (B11) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

b11 SYStEn tinEr

11 SYSTEM TIMER   [ENTER]

2 **[System Timer]**
Press the ENTER key to enter the System Timer screen.

Then, key in the time data (10 to 1000 sec.) and press the ENTER key.

ENTER

▼

b11-01   60

SYSTEM TIMER (10 to 1,000sec)

▼

0
9 **Time data** → ENTER

3 **[Return to B01]**
Press the END key to return to the B01 screen.

END

▼

b01 LAbEL FornAt

1 LABEL FORMAT   [ENTER]

4 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

▼

0.000   0.000   0.00   0.00

KEY IN ITEM No.
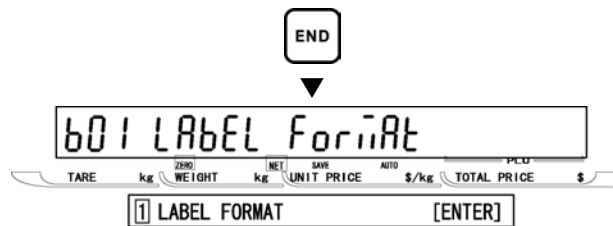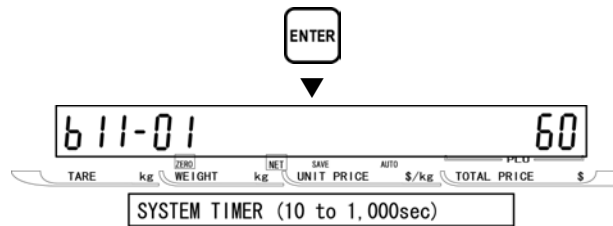
2.12 PASSWORD (B12)

1 **[B12 Screen]**
Make sure that Password screen (B12) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b 12 PASSUord
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
12 PASSWORD              [ENTER]
```

2 **[Password]**
Press the ENTER key to enter Password (B12-00) screen.

Key in the password (Default: 495344) for entering Password Setup menu, and press the ENTER key.

Note: When the password is correct, the display will move to B12-01. If it is incorrect, an error buzzer will sound three times.

[ENTER]
▼
```
b 12-00
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
PSAAWORD                (------)
```
▼
[0] [9] **Password** → [ENTER]

3 **[Registration]**
Press [•] key to proceed to Registration screen.

Then, key in the password data (Max. 4 digits) for entering Registration Mode and press the ENTER key.

Note: The default value is "9000".

```
b 12-01 rEGi StrAti on
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
REGISTRATION            (----)
```
▼
[0] [9] **Password for Registration** → [ENTER]

4 **[Total]**
Press [•] key to proceed to Total screen.

Then, key in the password data (Max. 4 digits) for entering Total Mode and press the ENTER key.

Note: The default value is "8000".

```
b 12-02 totAL
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
TOTAL                   (----)
```
▼
[0] [9] **Password for Total** → [ENTER]

5 **[Subtract]**
Press [•] key to proceed to Subtract screen.

Then, key in the password data (Max. 4 digits) for entering Subtraction Mode and press the ENTER key.

Note: The default value is "7000".

```
b 12-03 SUbtrACt
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
SUBTRACT                (----)
```
▼
[0] [9] **Password for Subtraction** → [ENTER]
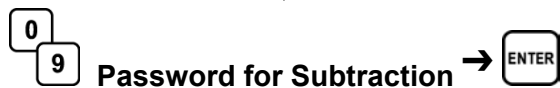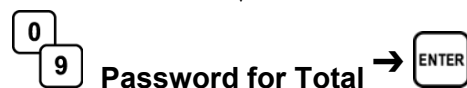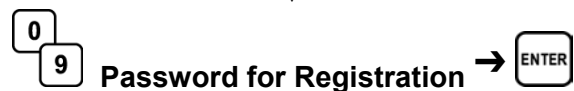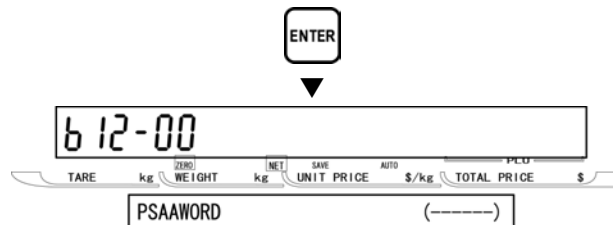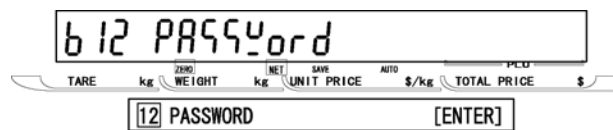
6 **[Setup]**
Press [•] key to proceed to Setup screen.

Then, key in the password data (Max. 4 digits) for entering Setup Mode and press the ENTER key.
Note: The default value is "6000".

```
b 12-04  SEtUP
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

SETUP   (————)

↓

0 / 9 **Password for Setup** → ENTER
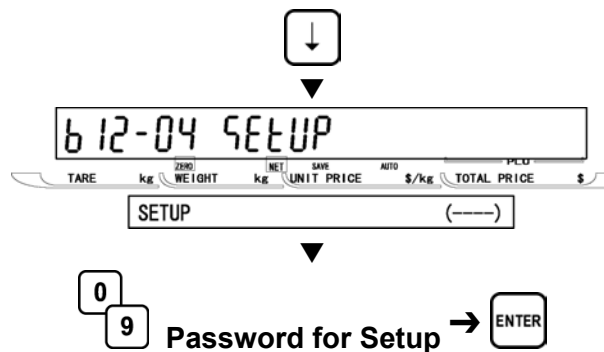
7 **[Password Change]**
Press [•] key to proceed to Password Change screen.

When changing the password to be used at step 2 above, key in the password (Max. 6 digits), and press the ENTER key.
Note: "0" cannot be keyed in.

```
b 12-06
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

PSAAWORD CHANGE   (——————)

0 / 9 **Password** → ENTER
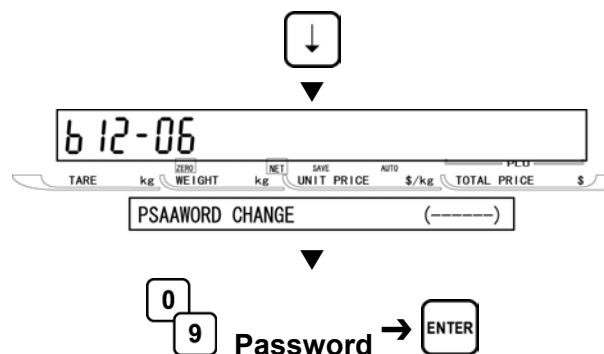
8 **[Password Check]**
Key in the password (Max. 6 digits) again, and press the ENTER key.

Note: When keyed in password is accepted, a long beep will sound. If it is not accepted, short buzzer will sound three times.
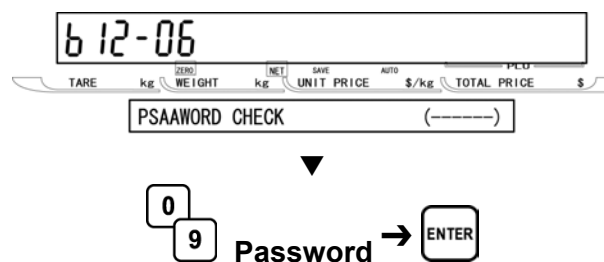
```
b 12-06
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

PSAAWORD CHECK   (——————)

0 / 9 **Password** → ENTER

9 **[Return to B01]**
Press the END key to return to the B01 screen.

END

```
b01 LAbEL ForiiAt
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 LABEL FORMAT   [ENTER]

10 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

MODE

```
0.000    0.000    0.00        0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
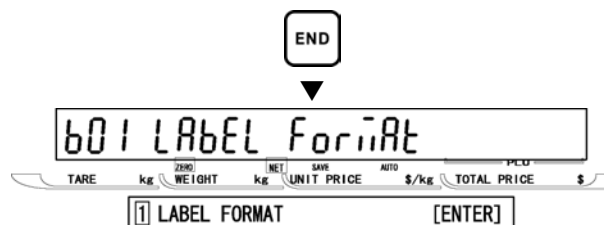
KEY IN ITEM No.
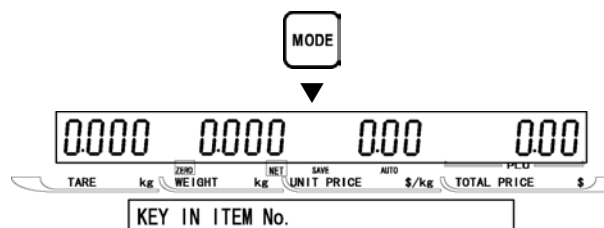
2.13 MACHINE NUMBER (B13)

1 **[B13 Screen]**
Make sure that Machine Number Setup screen (B13) appears on the display.

Otherwise, access this screen by referring to Section 2.1: Setup Mode Entry/Exit.

```
b 13  nACHi nE  nUnbEr
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

[13] MACHINE NUMBER SETUP   [ENTER]

2 **[Machine Number (IP Address)]**
Press the ENTER key to enter Machine Number IP Address screen.

Then, key in the machine number and press the ENTER key.

Note: When "0" (Default) is set, the value of IP address 4 (B10-01-04) is referred to.

[ENTER]
▼

```
b 13-01  nUnbEr              255
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

MACHINE NUMBER (IP ADDRESS) (255)

▼

[0] [9] **Machine number** → [ENTER]

3 **[Return to B01]**
Press the END key to return to the B01 screen.

[END]
▼

```
b01  LAbEL  FornAt
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

[1] LABEL FORMAT   [ENTER]

4 **[Exiting Setup Mode]**
In order to exit Setup Mode, press the MODE key. Then Key In Item No. screen will appear.

[MODE]
▼

```
0.000    0.000    0.00    0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.
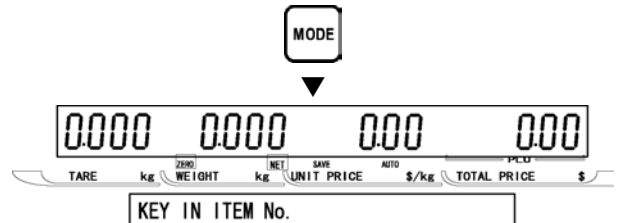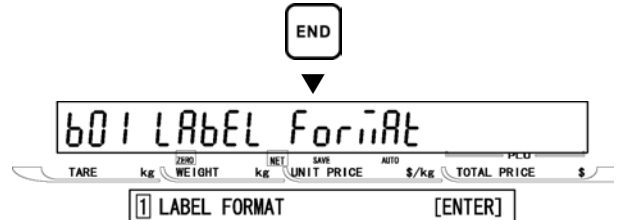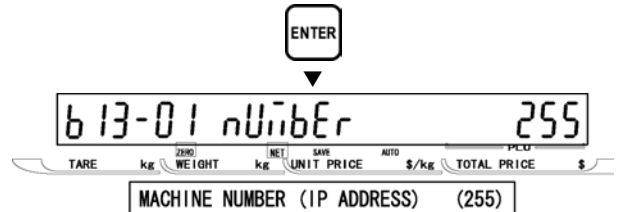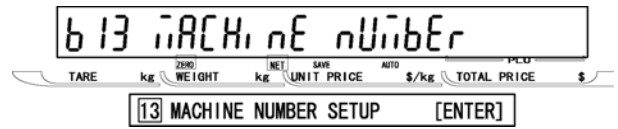
REGISTRATION MODE

3.1 REGISTRATION MODE ENTRY/EXIT

Registration Mode operations (P00) are required when setting various preset functions required for normal operations to be performed. When performing these operations, use the Program Keysheet located underneath the Operation Keysheet.

■REGISTRATION MODE ENTRY

1 **[Entering Registration Mode]**
Key in the password (Default value: "9000") and press the MODE key to access Registration screen.
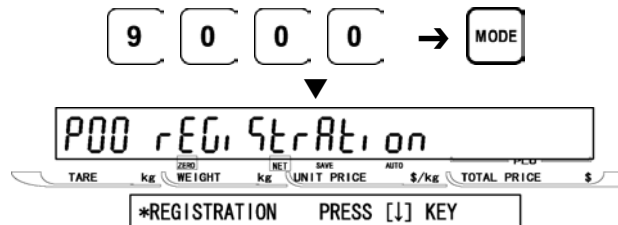
$$9 \quad 0 \quad 0 \quad 0 \quad \rightarrow \quad \boxed{\text{MODE}}$$

▼

```
P00 rEGi StrAti on
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

*REGISTRATION   PRESS [↓] KEY

2 **[Desired Menu Access]**
Repeat pressing [↓] key until the desired menu screen appears on the display.

Or, key in the menu number and Press [↓] key to access directly to the desired menu.

[Example] Access P05 screen

$$\boxed{↓} \quad \boxed{↓} \quad \boxed{↓} \quad \boxed{↓} \quad \boxed{↓}$$

or

$$5 \quad \rightarrow \quad \boxed{↓}$$

▼

```
P05 StorE nAīE
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

5 STORE NAME/ADDRESS   [ENTER]
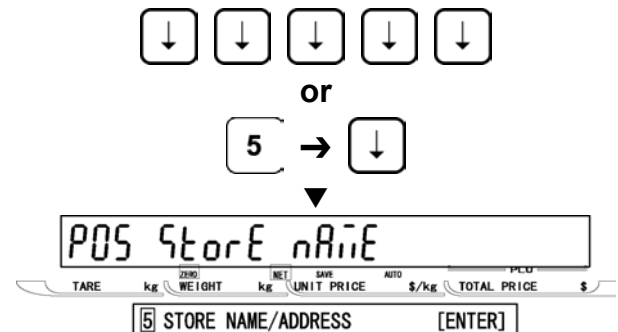
• REGISTRATION MODE EXIT

1 **[Exiting Registration Mode]**
Press the MODE key to exit Registration Mode. Then, Key In Item No. screen appears.
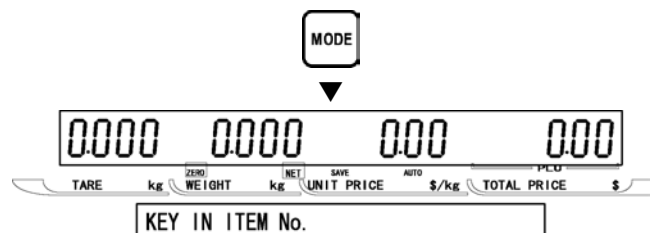
$$\boxed{\text{MODE}}$$

▼

```
0.000    0.000    0.00    0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

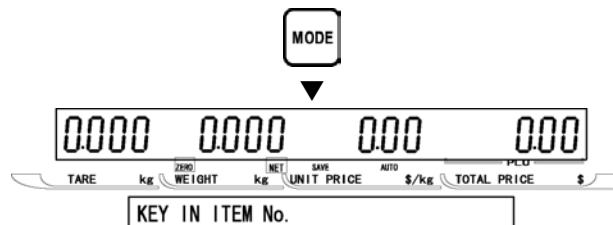**1** **[P01 Screen]**
Make sure that PLU File screen (P01) appears on the display.

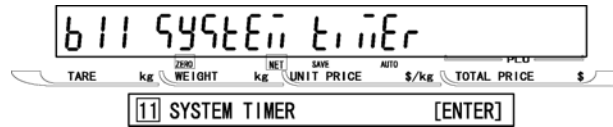Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P01 PLU
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 PLU FILE                         [ENTER]
```

2 **[Key In PLU number]**
Press the ENTER key to access Key In PLU number screen.

Then, key in the PLU number (8 digits) and press the PLU key to call up the desired PLU.

```
ENTER
▼
P01-00 PLU
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*KEY IN PLU No. +[PLU]
▼
[0][9]  PLU number  →  [PLU]
```

3 **[Commodity Name Edit]**
For commodity name editing, press the EDIT key.

```
P01-01 nAME Editor          0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
00000001*PLU NAME EDIT         [EDIT]
▼
EDIT
▼
```

Refer to Chapter 4 for editing text.

4 **[Sales Mode]**
Press [•] key to proceed to Sales Mode screen.

Then, key in the selection data and press the ENTER key to select the sales mode for the PLU.

```
[↓]
▼
P01-02 SALES ModE          0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
00000001*SALES MODE       → 0:WEIGH
▼
[0][9]  Selection data  →  [ENTER]
```

Selection data
0: Weighing item
1: Fixed price item
2: Weighing / Fixed price item

*Note 1: When "0" or "2" is selected, steps
          P01-06: WEIGHT and P01-07: PCS. are
          skipped.
      2: When "1" is selected, step P01-08:TARE
          is skipped.*

3
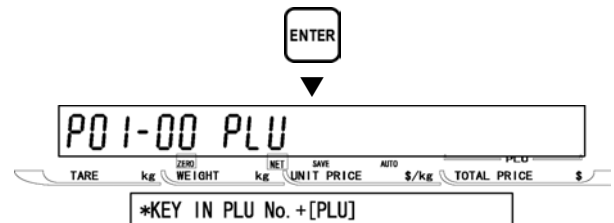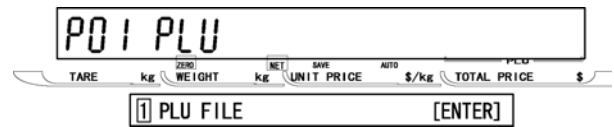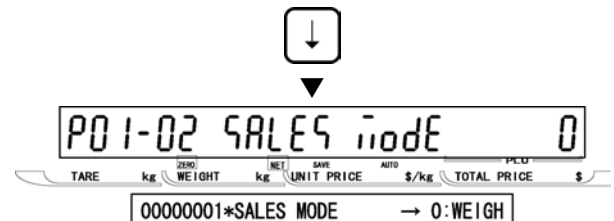
REGISTRATION MODE

5 [Unit price/Price]
Press [•] key to proceed to Unit price/Price screen.

Then, key in either the unit price (5 digits) or fixed price (6 digits) and press the ENTER key.

```
[↓]
 ▼
┌─────────────────────────────────┐
│ P01-03 PriCE            0.15    │
│ TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $ │
└─────────────────────────────────┘
 ┌─────────────────────────────────┐
 │ 00000001*PRICE U/P(5) OR F/P(6) │
 └─────────────────────────────────┘
 ▼
[0]
  [9]  Unit price/Fixed price → [ENTER]
```
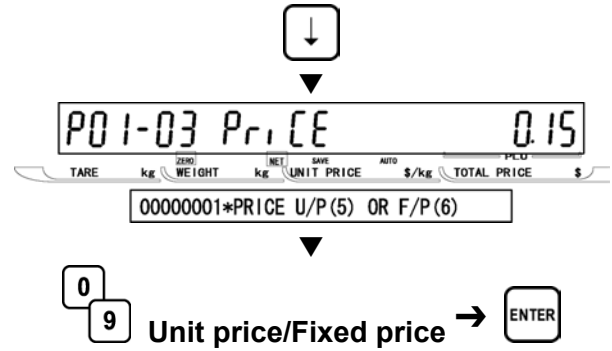
6 [Markdown Flag]
Press [•] key to proceed to Markdown Flag screen.

Then, key in the selection data and press the ENTER key to select the markdown flag.

Selection data
0: None (Normal price)
1: Special price (6 digits)
2: -$ (6 digits)
3: -% (2 digits)
4: Special unit price (6 digits)

```
[↓]
 ▼
┌─────────────────────────────────┐
│ P01-04 ïïd FLAG            0    │
│ TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $ │
└─────────────────────────────────┘
 ┌─────────────────────────────────┐
 │ 00000001*MARKDOWN FLAG → 0:NORMAL │
 └─────────────────────────────────┘
 ▼
[0]
  [9]  Selection data → [ENTER]
```
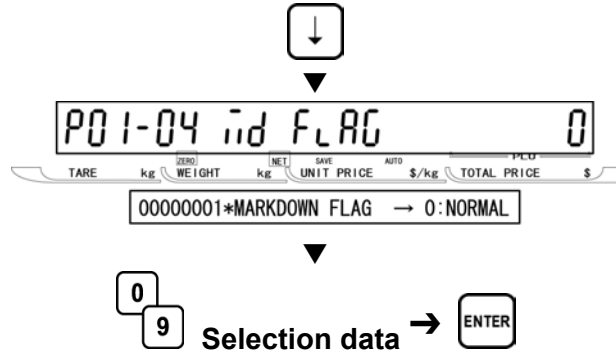
7 [Markdown Price]
When "0" is selected in step 6 above, this step is skipped.

Otherwise, press [•] key to proceed to Markdown Price screen.

Then, key in the data for the markdown flag selected in step 6 above and press the ENTER key to determine the value.

Note: The input range differs depending on setting at step 6 above.

```
[↓]
 ▼
┌─────────────────────────────────┐
│ P01-05 ïïd PriCE          0.00  │
│ TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $ │
└─────────────────────────────────┘
 ┌─────────────────────────────────┐
 │ 00000001*MARKDOWN PRICE          │
 └─────────────────────────────────┘
 ▼
[0]
  [9]  Data → [ENTER]
```
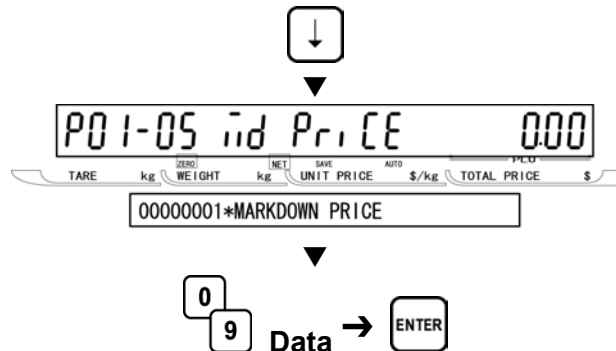
8 [Fixed Weight]
Press [•] key to proceed to Fixed Weight screen.

Then, key in the weight (5digits) and press the ENTER key.

Note: For weighing items, skip this step.

```
[↓]
 ▼
┌─────────────────────────────────┐
│ P01-06 YEiGHt            63     │
│ TARE  kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $ │
└─────────────────────────────────┘
 ┌─────────────────────────────────┐
 │ 00000001*FIXED WEIGHT:5digits kg │
 └─────────────────────────────────┘
 ▼
[0]
  [9]  Weight → [ENTER]
```
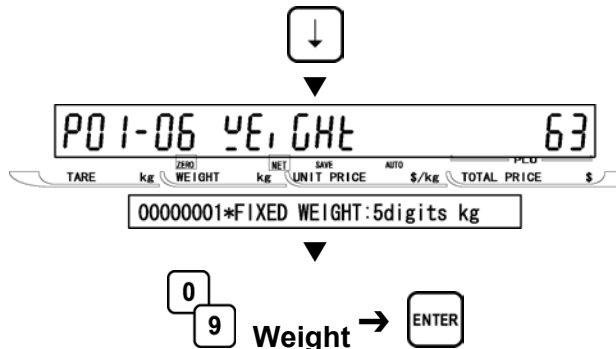
9 **[Pack Quantity]**
Press [•] key to proceed to Pack Quantity screen.

Then, key in the pack quantity (2 digits) and press the ENTER key.

Note: Pack Quantity is available for fixed items only.

```
P01-07 PCS                    1
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

00000001*PACK QUANTITY

[0 9] **Pack Quantity** → [ENTER]
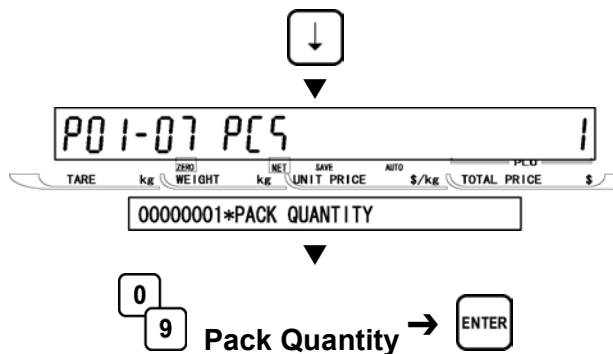
10 **[Tare]**
Press [•] key to proceed to Tare screen.

Then, key in the tare weight (0 to 5.998kg) and press the ENTER key.

Note: This step applies for weighing items or weighing/fixed price items.

```
P01-08 tArE1              0.010
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

00000001*TARE (0 to 5.998)

[0 9] **Tare weight** → [ENTER]
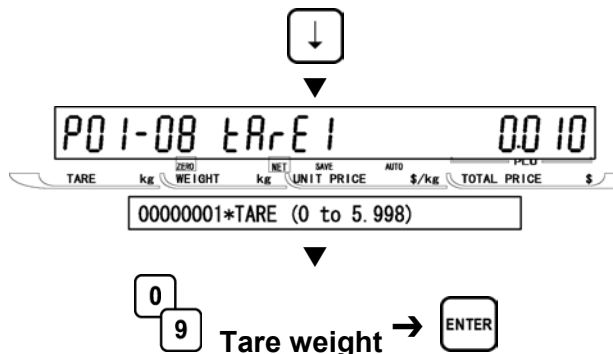
11 **[Date Flag]**
Press [•] key to proceed to Date Flag screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Reference
1: Print prohibition
2: Print packing date only
3: Print expiry date only
4: Print both dates

Note: "Reference" uses the default value specified in step B04-01: Data Print Flag in Setup Mode when the PLU is called. The default value is "4" at ex-factory for printing both dates.

```
P01-09 dAtE FLAG              4
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

00000001*DATE PRINT   → 4:P&E DATE

[0 9] **Selection data** → [ENTER]

12 **[Shelf Life]**
Press [•] key to proceed to Shelf Life screen.

Then, key in the number of days for the shelf life (3 digits) and press the ENTER key.

Note: "1000" is the code to designate the default data. When "1000" is set, the number of days for shelf life programmed as the default data in step B04-02: Shelf Life in Setup Mode is set automatically.

```
P01-10 SHELF LiFE            1
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

00000001*SHELF LIFE (0–999 1000=REF)

[0 9] **No. of days for shelf life** → [ENTER]

3

REGISTRATION MODE
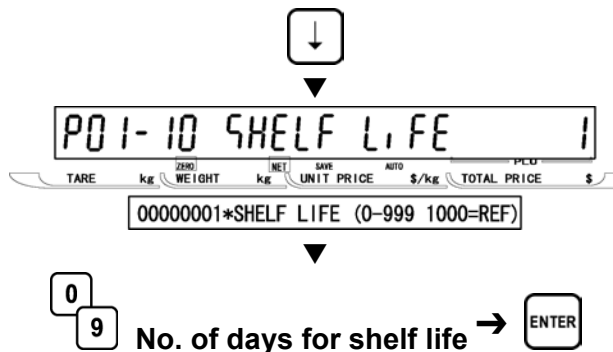
13 [Best Before Flag]
Press [•] key to proceed to Best Before Flag screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Reference
1: No print
2: Print

```
PO1-11 b bEF FLAG        0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*BEST BEFORE FLAG →0:REFER`

0 9 Selection data → ENTER
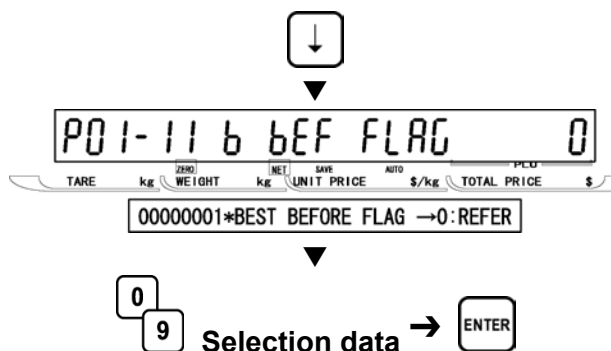
14 [Best Before Date]
Press [•] key to proceed to Best Before Date flag screen.

Then, key in the number of days for best before (3 digits) and press the ENTER key.

Note: "1000" is the code to designate the default data. When "1000" is set, the number of days for best before programmed as the default data in step B04-06: Best Before Date in Setup Mode is set automatically.

```
PO1-12 bESt bEForE       1
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*BEST BEFORE DATE:3digit`

0 9 No. of days for best before → ENTER
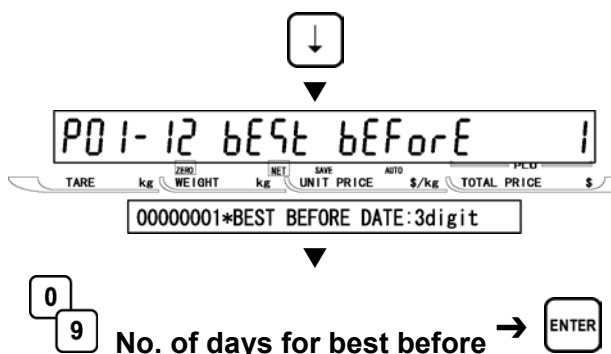
15 [Pack Time Flag]
Press [•] key to proceed to Pack Time Flag screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Reference
1: Prohibition
2: Installed (Clock)
3: Designated

Note: When "0" is set in Step 15 above, B04-03: Pack Time Flag in Setup Mode is referred to.

```
PO1-13 P tinE FLAG       0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*P TIME FLAG    → 0:REFER`

0 9 Selection data → ENTER

16 [Pack Time Data]
Press [•] key to proceed to Pack Time Data screen.

Then, key in the pack time (HHMM) and press the ENTER key.

```
PO1-14 P tinE dAtA       0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*P TIME DATA (HH:MM)`

0 9 Pack time (HHMM) → ENTER
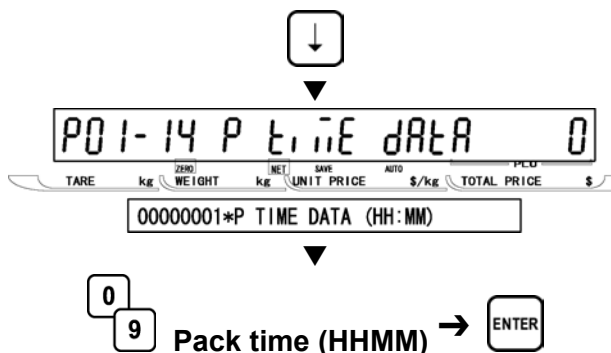
17 [Expiry Time Flag]
Press [•] key to proceed to Expiry Time Flag screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Reference
1: Prohibition
2: Designated
3: Relative

Note: When "0" is set in Step 17 above, B04-04: Expiry Time Flag in Setup Mode is referred to.

`P01-15 E timE FLAG      0`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*E TIME FLAG   → 0:REFER`

`0` `9` **Selection data** → `ENTER`
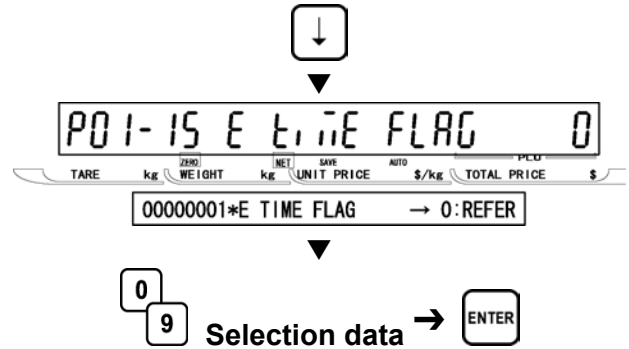
18 [Expiry Time Data]
Press [•] key to proceed to Expiry Time Data screen.

Then, key in the expiry time (HHMM) and press the ENTER key.

`P01-16 E timE dAtA      0`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*E TIME DATA`

`0` `9` **Expiry time (HHMM)** → `ENTER`
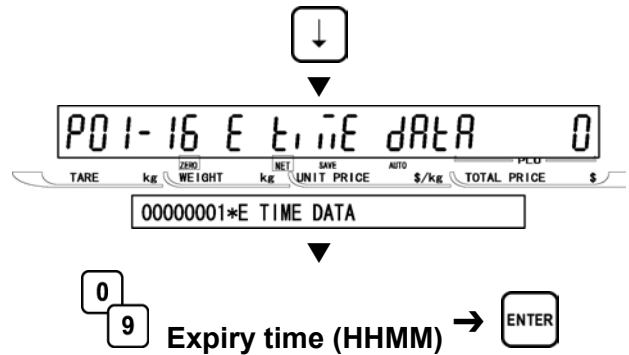
19 [Item Code]
Press [•] key to proceed to Item Code screen.

Then, key in the item code (8 digits) and press the ENTER key.

Note: When a new PLU is programmed, the barcode default is to be PLU number.

`P01-17 itEm Cod    123401`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*ITEM CODE (8digits)`

`0` `9` **Item code** → `ENTER`
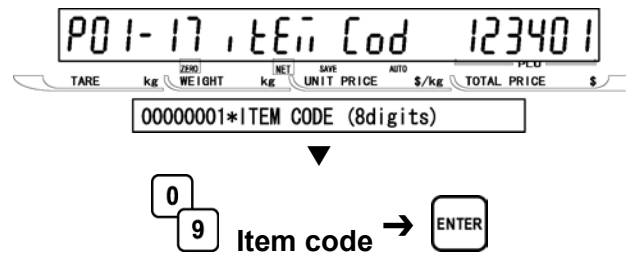
20 [Barcode Type]
Press [•] key to proceed to Barcode Type screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Reference
1: EAN 13
2: EAN 8
3: 10 Digits 13
4: 5 Digits 8
5: ITF 2 of 5

`P01-18 bAr tYPE        0`

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*BAR TYPE      → 0:REFER`

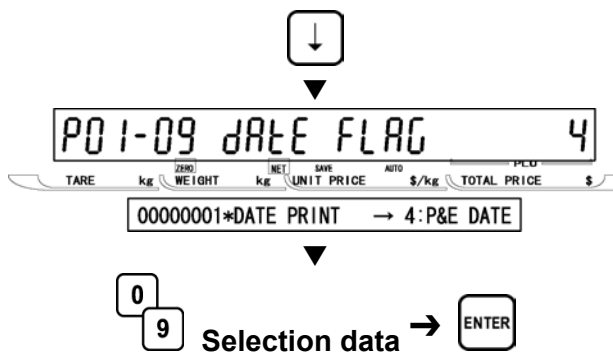`0` `9` **Selection data** → `ENTER`

3

REGISTRATION MODE
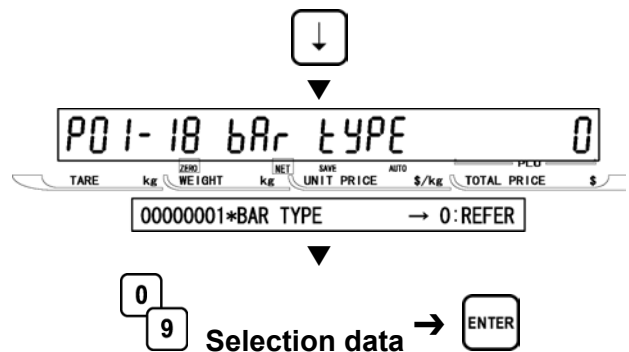
21 [POS Type]
Press [•] key to proceed to POS Type screen.

Then, key in the POS type flag (2 digits: see below) and press the ENTER key.

```
P01- 19 PoS tYPE          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

```
00000001*POS TYPE        0:REFER
```

0...9 **Selection data** → [ENTER]

Selection data

  0: Reference
01: FFCCCCC(CP)PPPP(CD)
02: FFCCCCCCPPPP(CD)
03: FCCCCCC(CP)PPPP(CD)
04: FFCCCCCPPPPP(CD)
05: FCCCCCCPPPPP(CD)
06: FFCCCC(CP)PPPPP(CD)
07: FFCCCCCCWWWW(CD)
08: FCCCCCCWWWWW(CD)
09: FCCCCC I I I I I I(CD)
10: FFCCCCCCPPPP(CD) …Sweden EAN code
11: FFCCCCCCWWWW(CD) …Sweden EAN code
12: FFCCCC(CP)WWWWW(CD)
13: FFMMMCCPPPPP(CD)
14: FFMMCCCPPPPP(CD)
15: FFCCCCC(0)PPPP(CD)
16: FFCCCCCWWWWW(CD)
17: FFCCCCCPPPPP(CD) …Least significant amount digit is omitted.
18: FFCCCCC(CP)PPPP(CD) …Least significant amount digit is omitted.
19: FFCCCCC(CP)WWWW(CD)
20: FCCCCCPPPPPP(CD)
21: FFCCCCPPPPPP(CD)
22: FCCCWWWWPPPP(CD)
23: FFCCCCCQQPPPP(CD)
24: F I I I I I I PPPPP(CD)
25: FF I I I I I I PPPP(CD)
26: FCCCCPPPPPPP(CD)
27: F I I I I I I PPPPP(CD)
28: FF I I I I I I PPPP(CD)
29: FCCCCCCCPPPP(CD)
30: FFCCCCCCCPPPP(CD)
31: FFCCCCCCQQQQQ(CD)

   F   : Flag code
   C   : Item code
   P   : Price
   W   : Weight
   I   : PLU number
   M   : Manufacturer code
   Q   : Quantity
 (CP) : Check price
 (CD) : Check digit

22 [POS Flag]
Press [•] key to proceed to POS Flag screen.

Then, key in the POS flag (Barcode prefix) (2 digits) and press the ENTER key.

Note: When "0" is set, the value of B02-01: POS Flag 8/13 is used.

```
P01-20 PoS FLAG        0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*POS FLAG (2digits)`

POS flag → ENTER
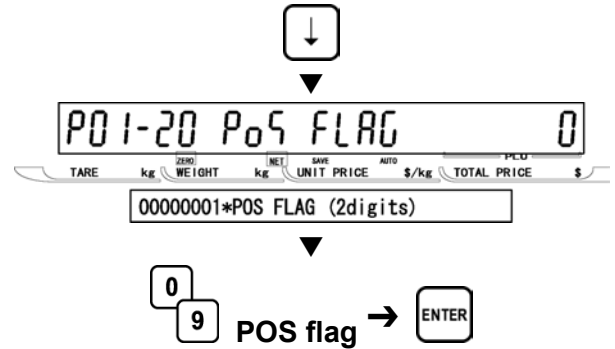
23 [POS Code]
Press [•] key to proceed to POS Code screen.

Then, key in the POS code (10 digits) and press the ENTER key.

Note: When "0" is set, the value of P01-17: Item Code is used.

```
P01-21 PoS             0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*POS CODE (10 digits)`

POS code → ENTER
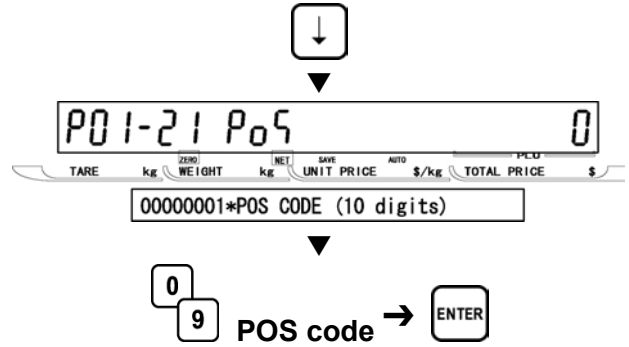
24 [[Open Price]
Press [•] key to proceed to Open Price screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Reference
1: Price change prohibited
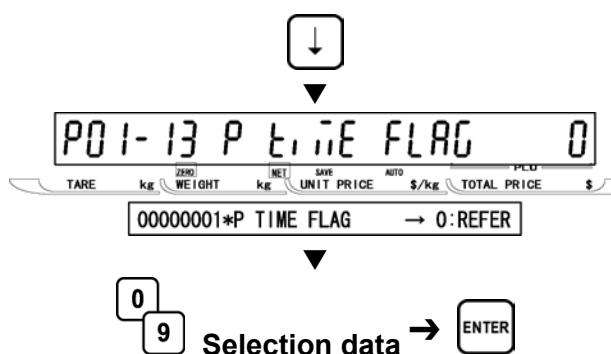2: Price change allowed

```
P01-22 oPEn PriCE      0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*OPEN PRICE (2digits)`

Selection data → ENTER
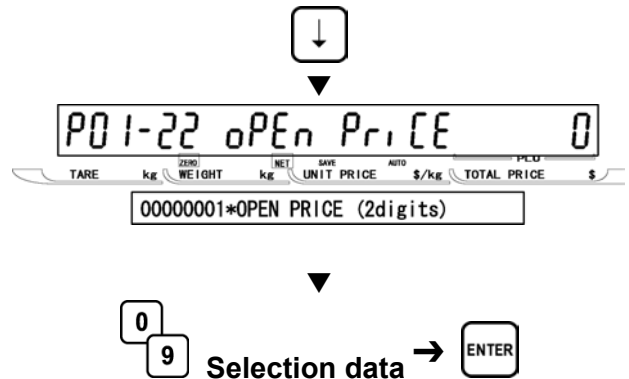
25 [Extra Message 1]
Press [•] key to proceed to Extra Message 1 screen.

Then, key in the extra message 1 number (1 to 99999999) and press the ENTER key.

Note 1: "0" means "Not specified".

2: Extra message 1 must be programmed at P07: Extra Message 1 in Registration Menu.

```
P01-23 ñES 1           1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*EXTRA MASSAGE 1:8digits`

Extra message 1 number → ENTER

3
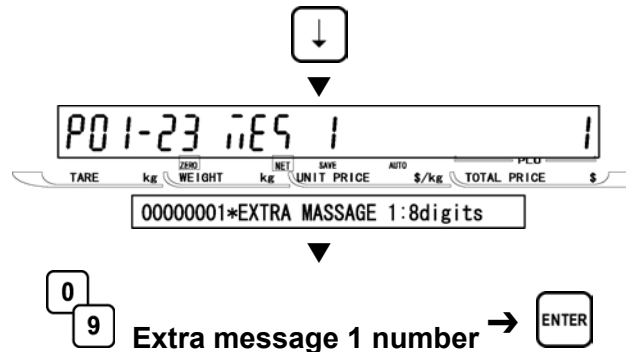
REGISTRATION MODE

26 **[Extra message 2]**
Press [•] key to proceed to Extra Message 2 screen.

Then, key in the extra message 2 number (1 to 99999999) and press the ENTER key.

Note 1: "0" means "Not specified".

    2: Extra message 2 must be programmed at P21: Extra Message 2 in Registration Menu.

```
P01-24 ñES 2                      1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*EXTRA MASSAGE 2:8digits`

[0] [9] **Extra message 2 number** → [ENTER]
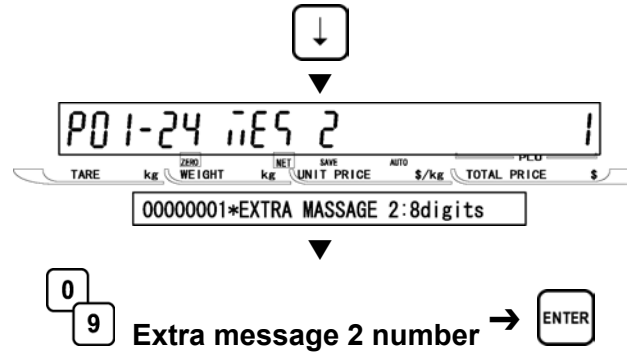
27 **[Extra Message 3]**
Press [•] key to proceed to Extra Message 3 screen.

Then, key in the extra message 3 number (1 to 99999999) and press the ENTER key.

Note 1: "0" means "Not specified".

    2: Extra message 3 must be programmed at P22: Extra Message 3 in Registration Menu.

```
P01-25 ñES 3                      1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*EXTRA MASSAGE 3:8digits`

[0] [9] **Extra message 3 number** → [ENTER]
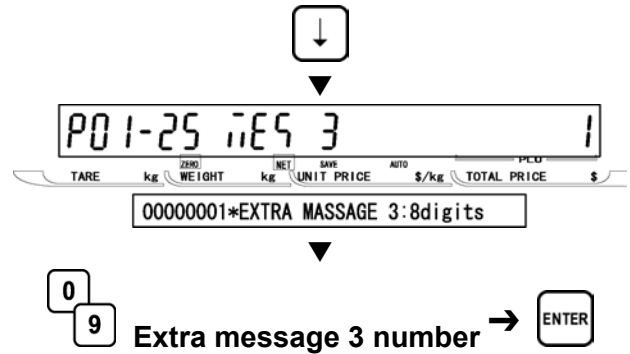
28 **[Coupon Message]**
Press [•] key to proceed to Coupon Message screen.

Then, key in the coupon message number (1 to 99999999) and press the ENTER key.

Note 1: "0" means "Not specified".

    2: Coupon message must be programmed at P20: Coupon Message in Registration Menu.

```
P01-26 CoUPon                     1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*COUPON MASSAGE:8digits`

[0] [9] **Coupon message number** → [ENTER]
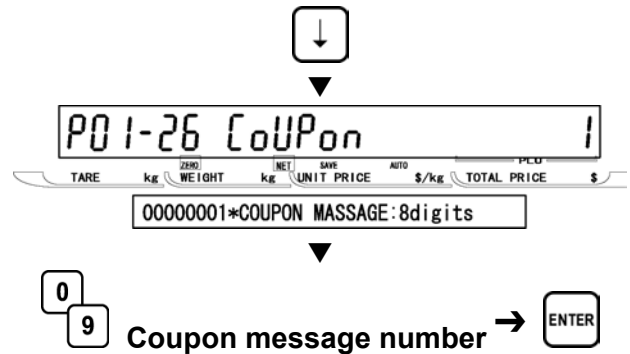
29 **[Logo Image 1]**
Press [•] key to proceed to Logo Image 1 screen.

Then, key in the logo image 1 number (0 to 49) and press the ENTER key.

Note 1: "0" means "Not specified".

    2: Logo image 1 must be programmed beforehand.

```
P01-27 LoGo 1                     1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

`00000001*LOGO IMAGE 1 (0 to 49)`

[0] [9] **Logo image 1 number** → [ENTER]
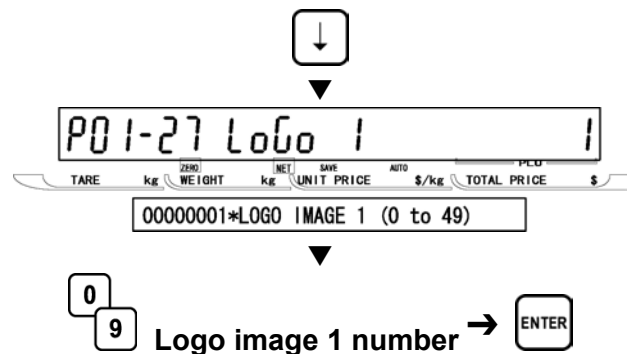
30 [Logo Image 2]

Press [•] key to proceed to Logo Image 2 screen.

Then, key in the logo image 2 number (0 to 49) and press the ENTER key.

Note 1: "0" means "Not specified".

2: Logo image 2 must be programmed beforehand.

```
P01-28 LoGo 2            1
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

00000001*LOGO IMAGE 2 (0 to 49)

0 **9** **Logo image 2 number** → ENTER
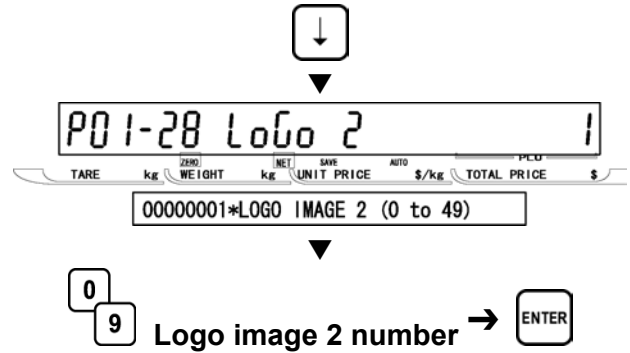
31 [Label Format No.]

Press [•] key to proceed to Logo Image 2 screen.

Then, key in the label format number (2 digits) and press the ENTER key.

Note: When "0" is set, the value of B01-01-01: Label Format No. in Setup Mode is referred to.

```
P01-29 LAbEL 1          0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

00000001*LABEL FORMAT No. :2digits

0 **9** **Label format number** → ENTER
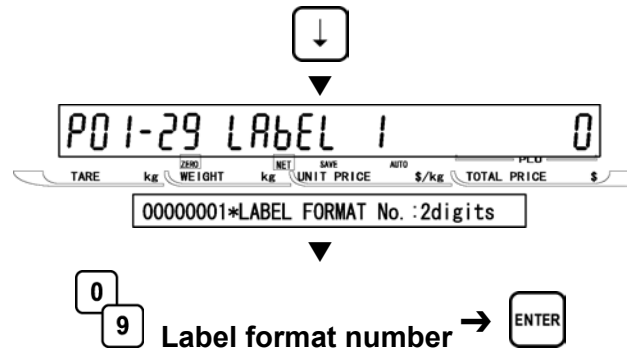
32 [Upper Limit Weight]

Press [•] key to proceed to Upper Limit Weight screen.

Then, key in the upper limit weight (Max. 15,000 kg) and press the ENTER key.

Note: This step is to set the upper limit weight for checker function.

```
P01-32 UPPEr         0.000
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

00000001*UPPER LIMIT WEIGHT   (kg)

0 **9** **Upper limit weight** → ENTER
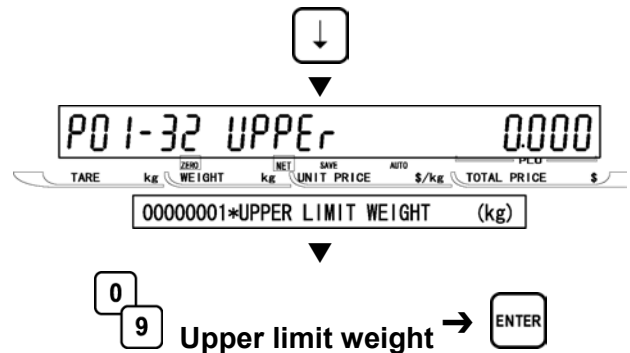
33 [Lower Limit Weight]

Press [•] key to proceed to Lower Limit Weight screen.

Then, key in the lower limit weight (Min. 0.010 kg) and press the ENTER key.

Note: This step is to set the lower limit weight for checker function.

```
P01-33 LoYEr         0.000
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

00000001*LOWER LIMIT WEIGHT   (kg)

0 **9** **Lower limit weight** → ENTER

3

REGISTRATION MODE
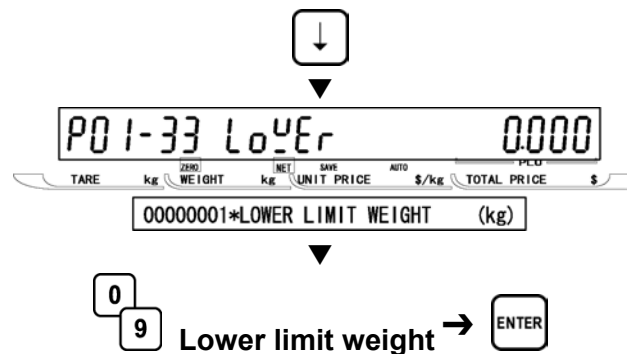
34 [Unit Type]
Press [•] key to proceed to Unit Type screen.

Then, key in the unit type (0 to 16) and press the ENTER key.

Selection data

0: Refer	1: oz	2: lb
3: kg	4: g	5: PC.
6: BOX	7: BUNDLE	8: PACK
9: CUT	10: SLICE	11: CUP
12: PKT	13: BAG	14: BUNCH
15: BOTTLE	16: LB	17: None

↓
▼

`P01-34 Unit type          0`

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`00000001*UNIT TYPE      → 0:REFER`

▼

[0][9] **Selection data** → [ENTER]
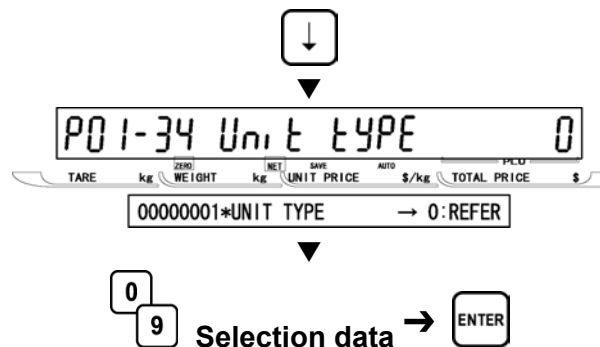
35 [Department Code]
Press [•] key to proceed to Department Code screen.

Then, key in the department code (3 digits) and press the ENTER key.

↓
▼

`P01-35 dEPrtiiEnt         1`

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`00000001*DEPARTMENT CODE:3digits`

▼

[0][9] **Department code** → [ENTER]
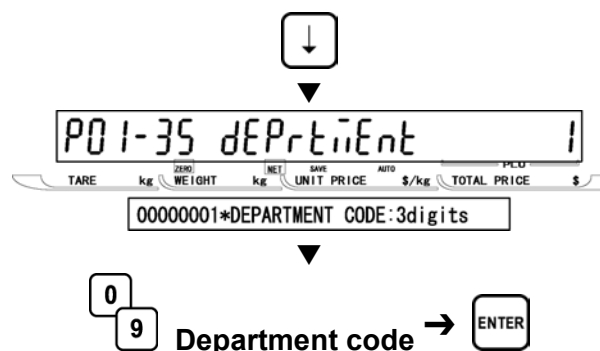
36 [Group Code]
Press [•] key to proceed to Group Code screen.

Then, key in the group code and press the ENTER key.

↓
▼

`P01-36 GroUP            023`

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`00000001*GROUP CODE`

▼

[0][9] **Group code** → [ENTER]
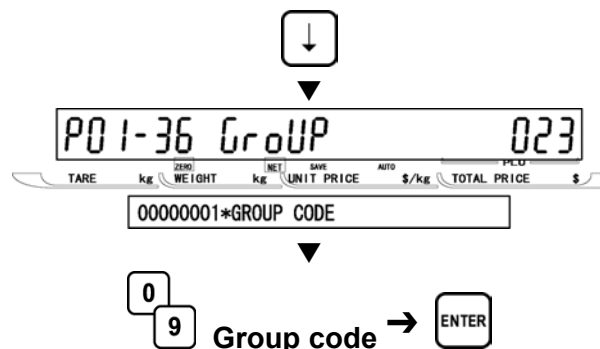
37 [Register Code]
Press [•] key to proceed to Register Code screen.

Then, key in the register code (4 digits) and press the ENTER key.

↓
▼

`P01-37 rEGiStEr         102`

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`00000001*REGISTER CODE:4digits`

▼

[0][9] **Register code** → [ENTER]
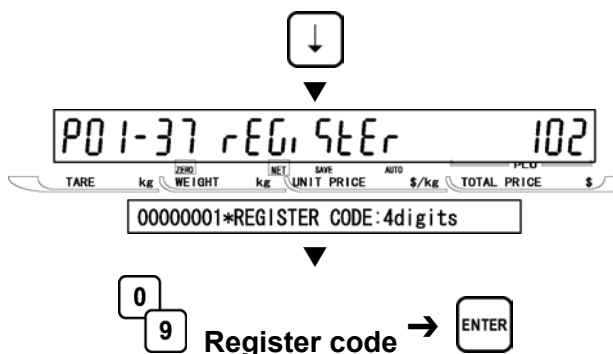
38 [Cost Price]
Press [•] key to proceed to Cost Price screen.

Then, key in the cost price (5 digits) and press the ENTER key.

```
↓
▼
P01-38 CoSt PriCE      0.10
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
00000001*COST PRICE:5digits
▼
[0][9] Cost price → [ENTER]
```
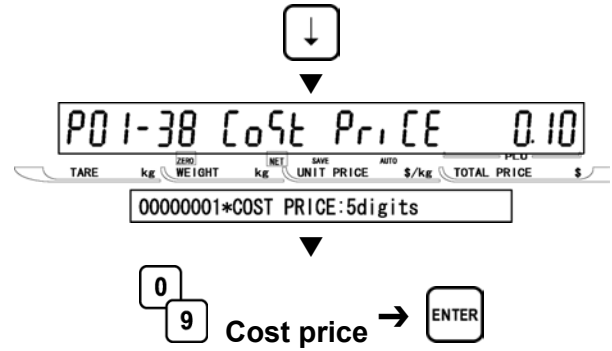
39 [POP Number]
Press [•] key to proceed to POP Number screen.

Then, key in the POP message number (0 to 6) and press the ENTER key.

Selection data
0: None
1: SPECIAL!
2: ON SALE!
3: DISCOUNTED
4: ADVERTISED
5: REFRIGERATE
6: GOOD BUY
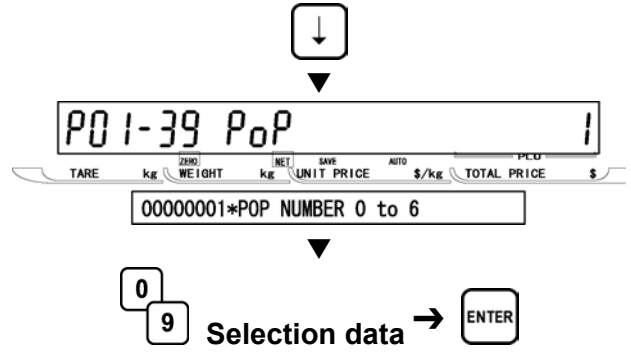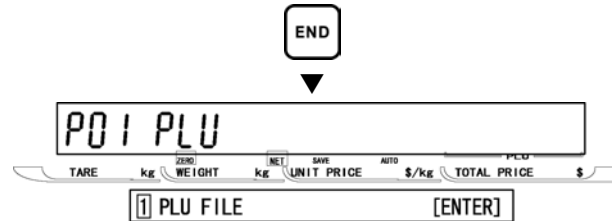
```
↓
▼
P01-39 PoP                1
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
00000001*POP NUMBER 0 to 6
▼
[0][9] Selection data → [ENTER]
```

40 [Return to P01]
Press the END key to return to the P01 screen.

```
[END]
▼
P01 PLU
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
[1] PLU FILE              [ENTER]
```

41 [Exiting Registration Mode]
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

```
[MODE]
▼
0.000   0.000    0.00      0.00
TARE  kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
KEY IN ITEM No.
```
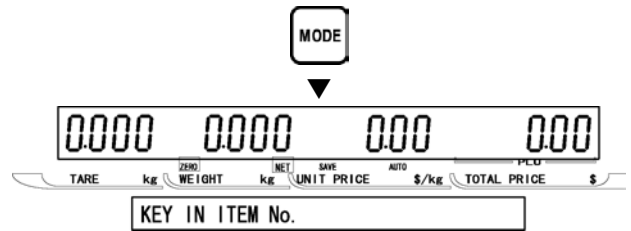
3.3 COMMODITY NAME (P02)

1 **[P02 Screen]**
Make sure that Commodity Name screen (P02) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P02 Commodity nAmE
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

2 COMMODITY NAME   [ENTER]

2 **[Key In PLU No.]**
Press the ENTER key to access Key In PLU Number screen.

Then, key in the PLU number (8 digits) and press the PLU key to call up the desired PLU

ENTER

```
P02-00 PLU                    0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

*KEY IN PLU No.+[PLU]

0 9 **PLU number** → PLU

3 **[Commodity Name Edit]**
Press the ENTER key to enter Edit Mode..

```
P02-01 Edit                   0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

00000001*COMMODITY NAME   [ENTER]

ENTER

Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat Steps 2 and 3 above for more commodity name editing.

5 **[Return to P01]**
Press the END key to return to P01 screen.
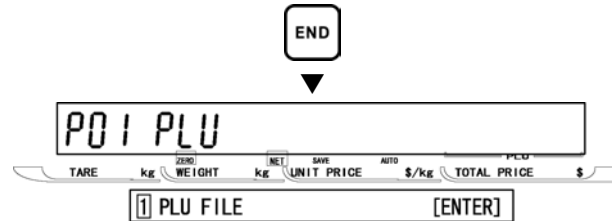
END

```
P01 PLU
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 PLU FILE   [ENTER]

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

```
0.000    0.000    0.00      0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

1 **[P01 Screen]**
Make sure that PLU File screen (P01) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
PO1 PLU
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 PLU FILE                          [ENTER]
```
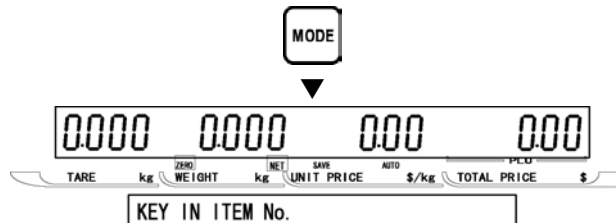
2 **[Key In PLU number]**
Press the ENTER key to access Key In PLU number screen.

Then, key in the PLU number (8 digits) and press the PLU key to call up the text edit screen for the desired PLU.

[ENTER]
▼
```
PO1-00 PLU
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*KEY IN PLU No.+[PLU]
```
▼

[0] [9] **PLU number** → [PLU]

3 **[PLU Name Edit]**
Press the CHARACTER DELETE key to access ITEM DELETE screen.

```
PO1-01 nAmE Editor        0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
00000001*PLU NAME EDIT          [EDIT]
```
▼
[CHAR DELETE]

4 **[Delete]**
Press the CHARACTER DELETE key again to execute deletion.
Note: In order to cancel the deletion, press the ENTER key.

```
PO2-03 itEm dEL           0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
00000005*DELETE    Y=[DEL]:N=[ENT]
```
▼
[CHAR DELETE]

5 **[Repeat]**
Repeat steps 2 and 4 above for deleting more PLU data.

6 **[Return to P01]**
Press the END key to return to P01 screen.

[END]
▼
```
PO1 PLU
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 PLU FILE                          [ENTER]
```

7 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

[MODE]
▼
```
0.000    0.000    0.00        0.00
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
KEY IN ITEM No.
```

3
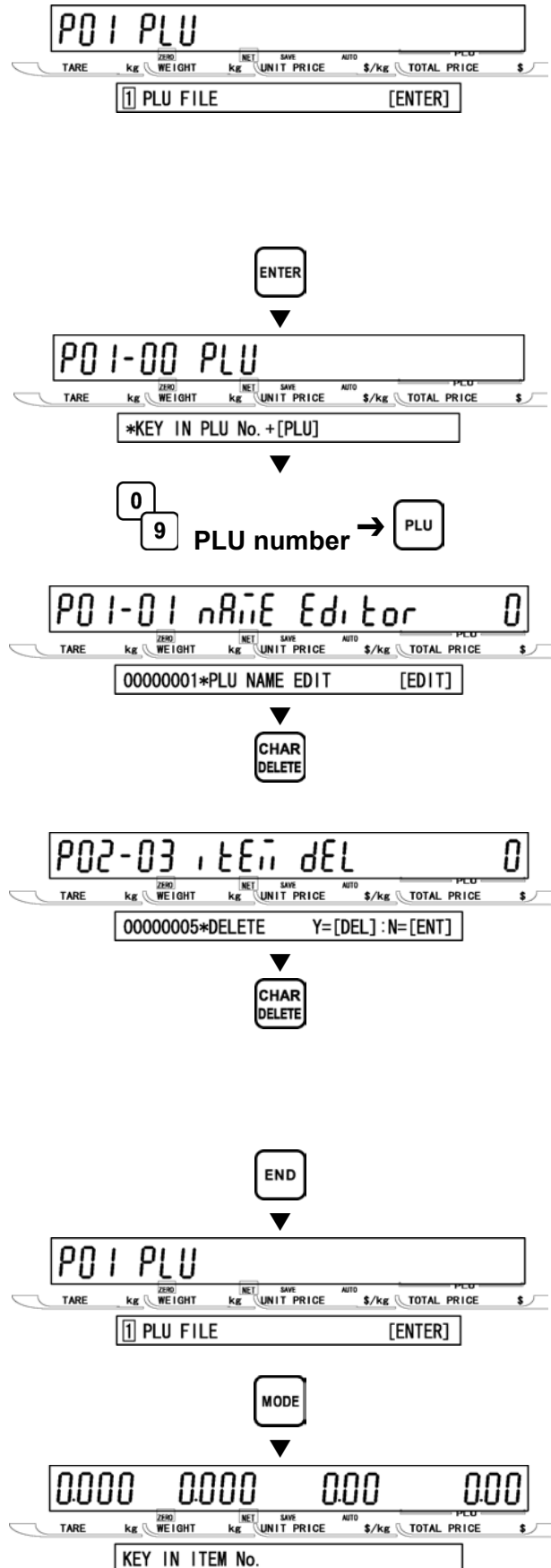
REGISTRATION MODE

1 **[P03 Screen]**
Make sure that Price Change screen (P03) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P03 PriCE CHAnGE
 TARE   kg WEIGHT  kg UNIT PRICE  $/kg  TOTAL PRICE  $
 3 PRICE CHANGE              [ENTER]
```

2 **[Key In PLU No.]**
Press the ENTER key to access Key In PLU No. screen.

Then, key in the PLU number and press the PLU key.

ENTER
▼

```
P03-00 PLU
 TARE   kg WEIGHT  kg UNIT PRICE  $/kg  TOTAL PRICE  $
 *KEY IN PLU No. +[PLU]
```
▼

0 9 **PLU number** → PLU

3 **[Current price/New price]**
Key in the new price (Max. 5 digits) for called up PLU and press the ENTER key.

Example: Current price $9.99 for PLU "1"

```
P03-01          0.00        9.99
 TARE   kg WEIGHT  kg UNIT PRICE  $/kg  TOTAL PRICE  $
 00000001*NEW P ( 0.00)( 9.99)
```
▼

Example: New price $8.88 for PLU "1"

0 9 **New price** → ENTER
▼

```
P03-01          8.88        9.99
 TARE   kg WEIGHT  kg UNIT PRICE  $/kg  TOTAL PRICE  $
 00000001*NEW P ( 8.88)( 9.99)
```

4 **[Repeat]**
Repeat steps 2 and 3 above for changing more PLU prices.

5 **[Return to P01]**
Press the END key to return to P01 screen.

END
▼

```
P01 PLU
 TARE   kg WEIGHT  kg UNIT PRICE  $/kg  TOTAL PRICE  $
 1 PLU FILE                 [ENTER]
```

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE
▼

```
0.000    0.000      0.00          0.00
 TARE   kg WEIGHT  kg UNIT PRICE  $/kg  TOTAL PRICE  $
 KEY IN ITEM No.
```
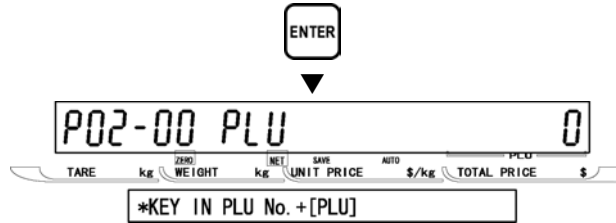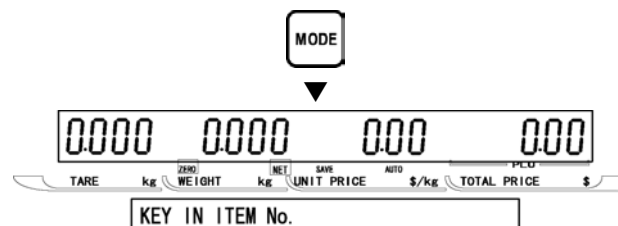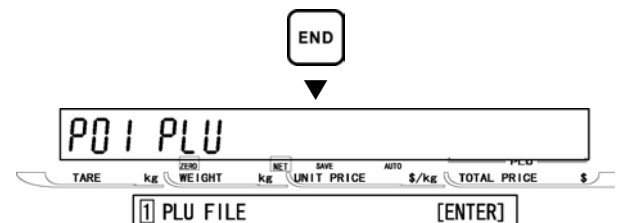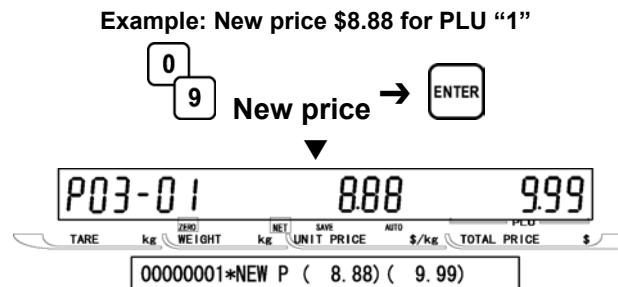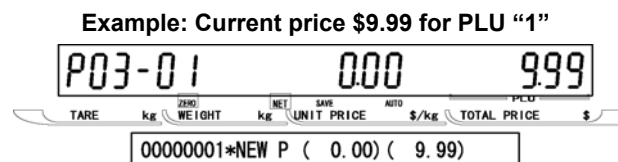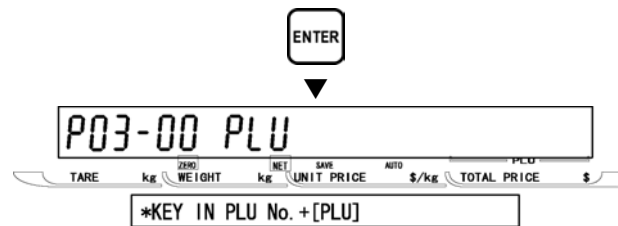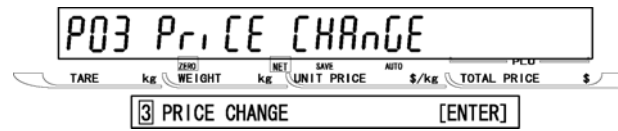
3.6 PRESET KEY (P04)

■ALLOCATING PRESET KEY (P04-01)

1 **[P04 Screen]**
Make sure that Preset Key screen (P04) appears on the display.

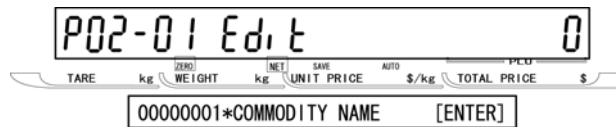Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.


```
P04 PrESEt hEY
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

④ PRESET KEY   [ENTER]

2 **[Preset]**
Press the ENTER key to access Preset screen.

ENTER
▼

```
P04-01                      0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

① PRESET   [ENTER]

3

REGISTRATION MODE

3 **[Preset Key Flag]**
Press the ENTER key to enter Preset Key Flag screen.

Then, determine the desired preset key flag by using [→] key, or key in the selection data (see below) and press [→] key.

Selection data
  0: None
  1: PLU
  2: TARE
  3: Fixed price
  4: Multiple (×)
  5: Discount price
  6: -$
  7: -%
  8: SAVE (PLU hold)
  9: Extra message 1
10: VOID (Previous cancel)
11: PEEL TIMER
12: [99]…Double "9" entry
13: [00]…Double "0" entry
15: Subtotal print
16: Coupon message
17: Extra message 2
18: Extra message 3
19: Label batch print
20: Operator
21: Store name/address
22: Label format
23: Logo image 1
24: Logo image 2
25: Special unit price
26: Peel sensor
27: Batch number
29: Logoff
30: Barcode print

Note: The type of preset key flag may differ depending on the country. Contact ISHIDA's dealer for more information.
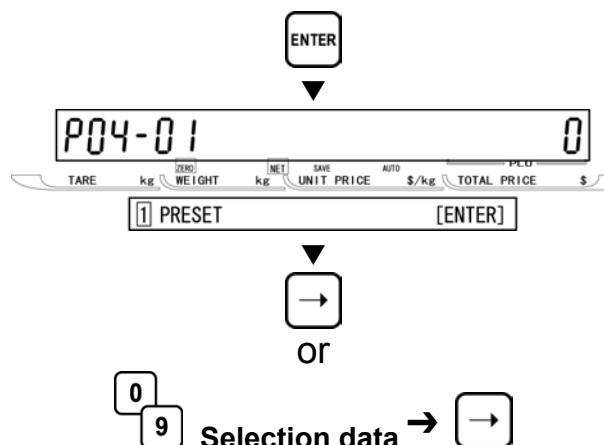
4 **[Allocating Preset Key]**
When the preset key requires the preset value, key in the value.

Then, press the desired preset key to allocate the function.

0
9 **Preset value**

▼

PRESET

▼

Example: Key position "004" for -% (5%)

```
P04-01        004          5
```
TARE kg ZERO/WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $

1 PRESET KEY FLAG   → 7:-%

▼

When the preset key does not require any preset value, key in "0".

Then, press the desired preset key to allocate the function.

0

▼

PRESET

▼

Example: Key position "026" for Fixed Price

```
P04-01        026          0
```
TARE kg ZERO/WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $

1 PRESET FLAG   → 3:FIXED PRICE
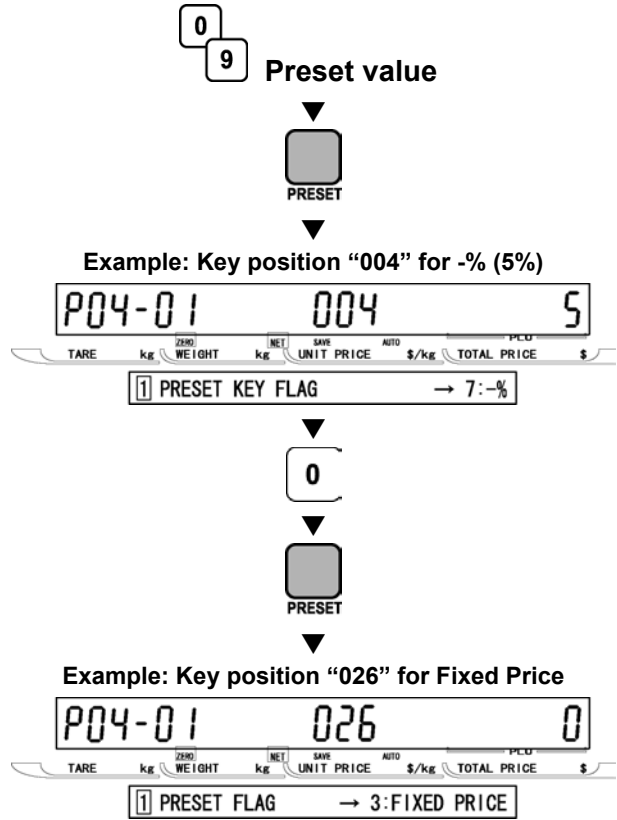
5 **[Repeat]**
Repeat steps 3 and 4 above for allocating other preset keys.

6 **[Return to P01]**
Press the END key to return to the P01 screen.

END

▼

```
P01 PLU
```
TARE kg ZERO/WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $

1 PLU FILE   [ENTER]

7 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000    0.00      0.00
```
TARE kg ZERO/WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE PLU $

KEY IN ITEM No.

3
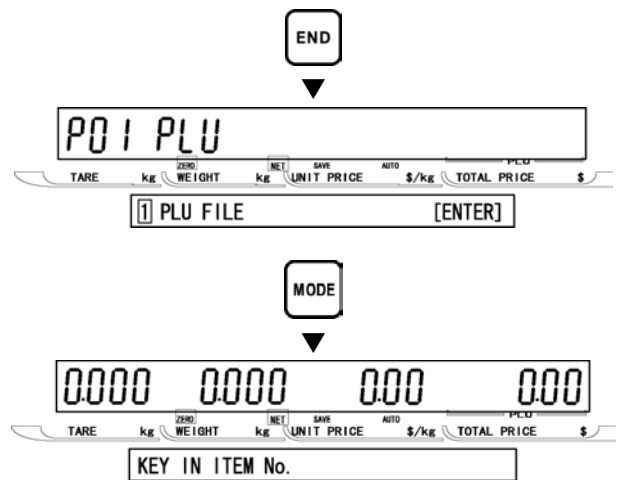
REGISTRATION MODE

■DELETING ALL PRESET KEYS (P04-02)

1 **[P04 Screen]**
Make sure that Preset Key screen (P04) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.
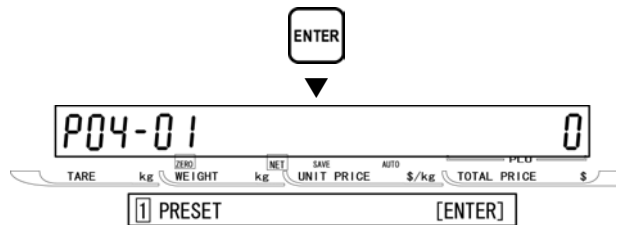
```
P04 PrESEt hEY
  TARE    kg  WEIGHT  kg  UNIT PRICE   $/kg  TOTAL PRICE  $
```
```
4 PRESET KEY              [ENTER]
```

2 **[P04-01 Screen]**
Press the ENTER key to access P04-01 screen.

[ENTER]
▼
```
P04-01                    0
  TARE    kg  WEIGHT  kg  UNIT PRICE   $/kg  TOTAL PRICE  $
```
```
1 PRESET                  [ENTER]
```

3 **[Delete Preset]**
Press [↓] key to access Delete Preset screen.

[↓]
▼
```
P04-02 PrESEt dEL         0
  TARE    kg  WEIGHT  kg  UNIT PRICE   $/kg  TOTAL PRICE  $
```
```
2 DELETE PRESET           [ENTER]
```

4 **[Delete Confirmation]**
Press the ENTER key to enter Delete Confirmation screen.

Then, press the ZERO key twice to delete all preset key files. A buzzer will sound.

[ENTER]
▼
```
P04-02-00 dELEtE          0
  TARE    kg  WEIGHT  kg  UNIT PRICE   $/kg  TOTAL PRICE  $
```
```
DELETE PRESET ? YES=(ZERO+ZERO)
```

[ZERO] [ZERO]

5 **[Return to P01]**
Press the END key to return to the P01 screen.

[END]
▼
```
P01 PLU
  TARE    kg  WEIGHT  kg  UNIT PRICE   $/kg  TOTAL PRICE  $
```
```
1 PLU FILE                [ENTER]
```

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

[MODE]
▼
```
0.000    0.000     0.00      0.00
  TARE    kg  WEIGHT  kg  UNIT PRICE   $/kg  TOTAL PRICE  $
```
```
KEY IN ITEM No.
```
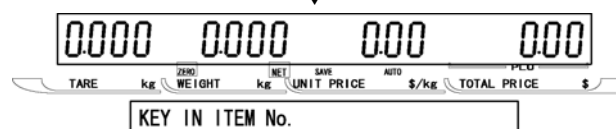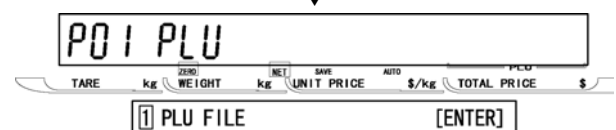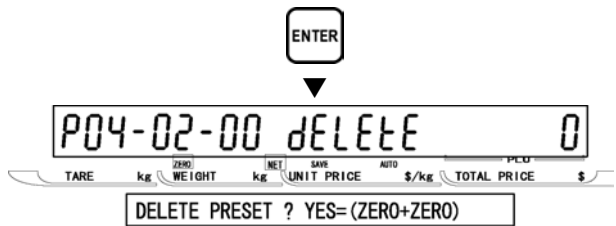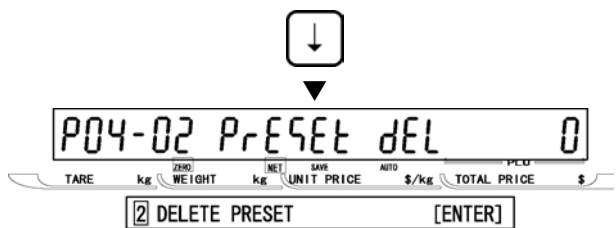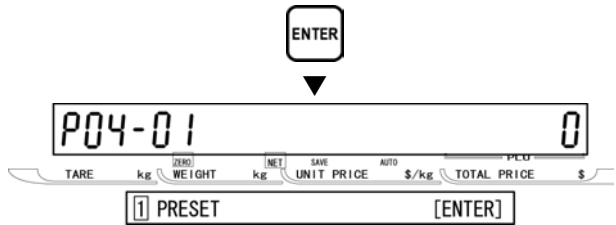
3.7 STORE NAME/ADDRESS (P05)

1 **[P05 Screen]**
Make sure that Store Name/Address screen (P05) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

P05 StorE nAmE

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

5 STORE NAME/ADDRESS   [ENTER]

2 **[Store Name Edit]**
Press the ENTER key to access Store Name Edit screen.

ENTER
▼

P05-01 nAmE Edit   1

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 STORE NAME EDIT   [ENTER]
▼
ENTER
▼

Refer to Chapter 4 for editing text.

3 **[Store Address Edit]**
Press [↓] key to access Store Address Edit screen.

P05-02 AddrESS Edit

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

2 STORE ADDRESS EDIT   [ENTER]
▼
ENTER
▼

Refer to Chapter 4 for editing text.

4 **[Return to P01]**
Press the END key to return to the P01 screen.

END
▼

P01 PLU

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 PLU FILE   [ENTER]

5 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE
▼

0.000   0.000   0.00   0.00

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

3
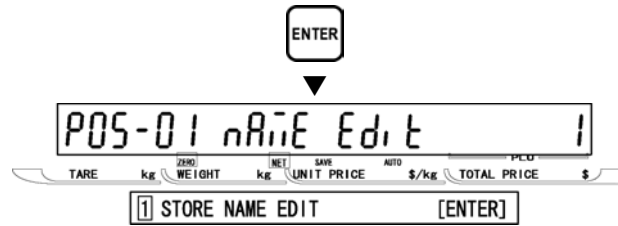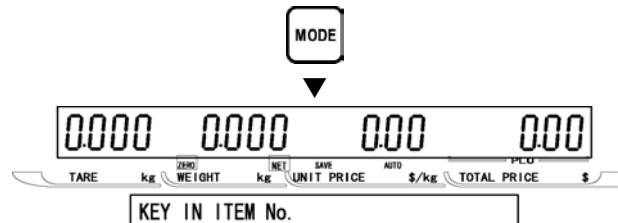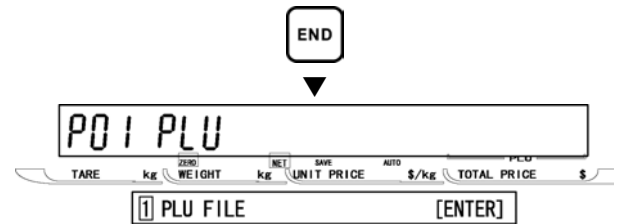
REGISTRATION MODE

1 **[P06 Screen]**
Make sure that Date/Time Mode screen (P06) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P06 dAtE tinE
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
6 DATE/TIME MODE              [ENTER]
```

2 **[Date]**
Press the ENTER key to access Date screen.

Then, key in the desired date (DDMMYYYY) and press the ENTER key.

```
ENTER
▼
P06-01 dAtE              0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 DATE              25/11/2003 TUE
▼
0
9  Date (DDMMYYYY) →  ENTER
```

3 **[Time]**
Press [•] key to proceed to Time screen.

Then, key in the desired time (HHMMSS) and press the ENTER key.

```
↓
▼
P06-02 tinE              0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 TIME HOUR(04), MIN(48), SEC(13)
▼
0
9  Time (HHMMSS) →  ENTER
```

4 **[Daylight Saving]**
Press [•] key to proceed to Daylight Saving screen.

Then, key in the desired time in minutes and press the ENTER key.

Ex: When "60" is entered, the reduced data by 60 minutes from the time set in step 4 above will be printed. However, the time display in P06-02 will not change.

```
↓
▼
P06-04 dSt
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
4 DAYLIGHT SAVING (MINUTE)     0
▼
0
9  Daylight saving minutes →  ENTER
```

5 **[Start Date]**
Press [•] key to proceed to Start Date screen for daylight saving.

Then, key in the desired date (DDMMYYYY) and press the ENTER key.

```
↓
▼
P06-05 S dAtE              0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
5 START DATE         0/ 0/0000
▼
0
9  Start date (DDMMYYYY) →  ENTER
```
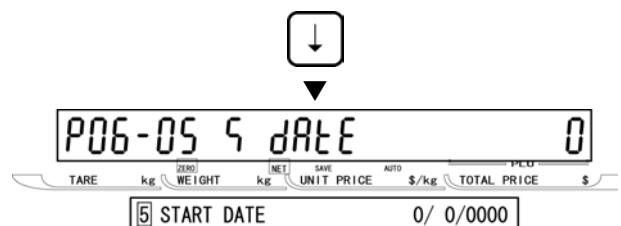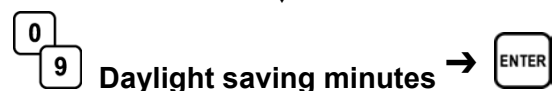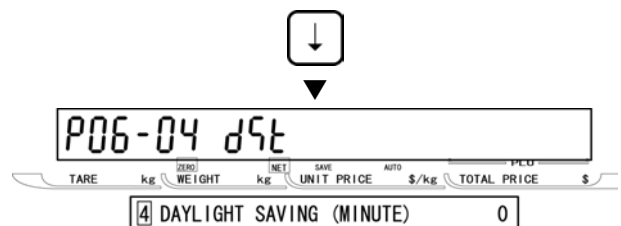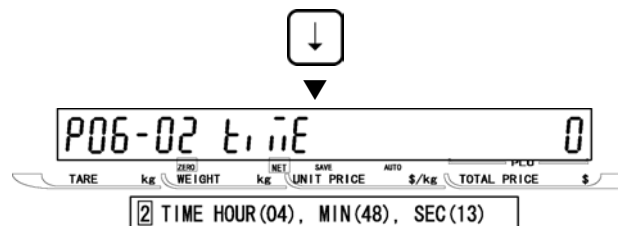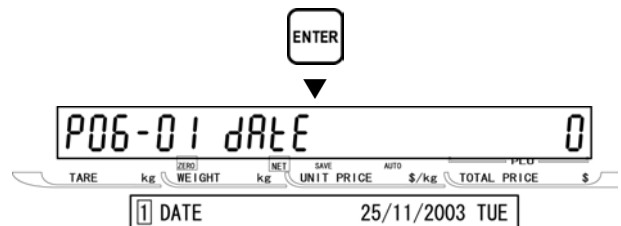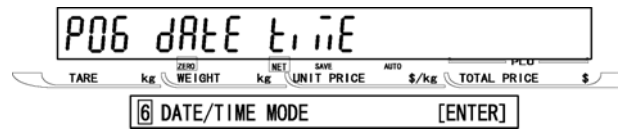
6 **[Start Time]**
Press [•] key to proceed to Start Time
screen for daylight saving.

Then, key in the desired time (HHMM) and
press the ENTER key.

```
P06-06  5 tiñE          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

6 START TIME   HOUR(00), MIN(00)

Start time (HHMM) → ENTER
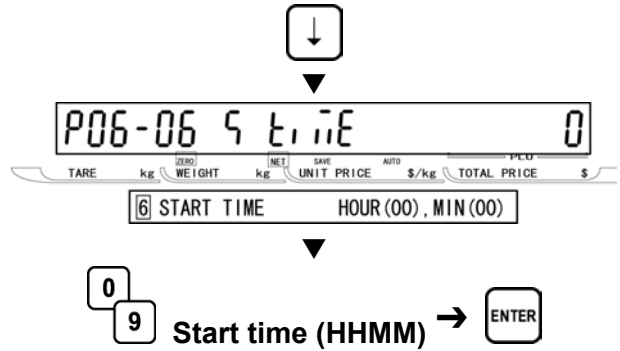
7 **[End Date]**
Press [•] key to proceed to End Date
screen for daylight saving.

Then, key in the desired date
(DDMMYYYY) and press the ENTER key.

```
P06-07  E dAtE          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

7 END DATE   0/ 0/0000

End date (DDMMYYYY) → ENTER
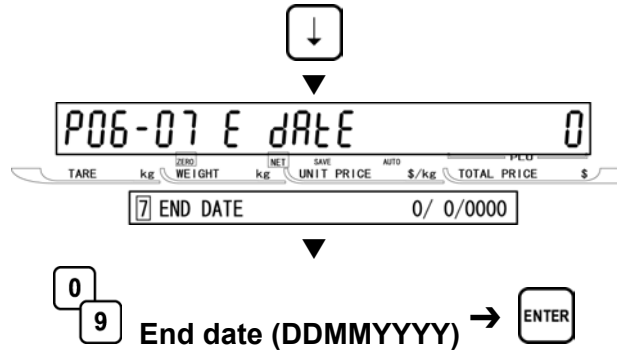
8 **[End Time]**
Press [•] key to proceed to End Time
screen for daylight saving.
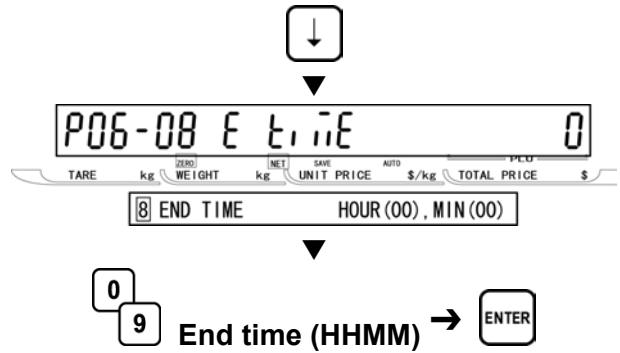
Then, key in the desired time (HHMM) and
press the ENTER key.

```
P06-08  E tiñE          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

8 END TIME   HOUR(00), MIN(00)

End time (HHMM) → ENTER

9 **[Return to P01]**
Press the END key to return to the P01
screen.

END

```
P01 PLU
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 PLU FILE   [ENTER]

10 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the
MODE key. Then, Key In Item No. screen
appears.

MODE

```
0.000    0.000    0.00       0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

3
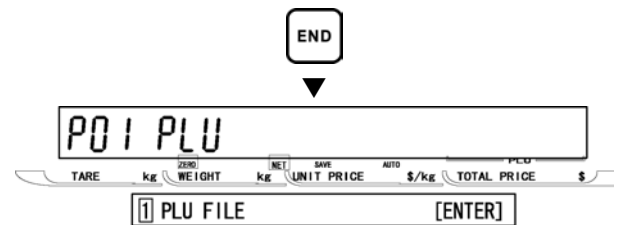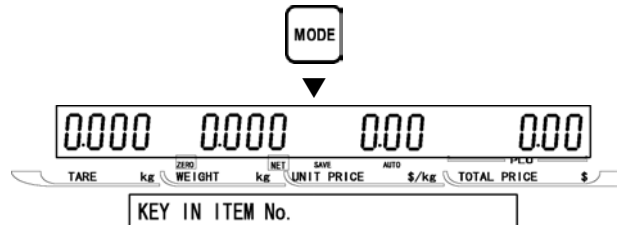
REGISTRATION MODE

3.9 EXTRA MESSAGE 1 (P07)

This data prints always below the commodity name.

1 **[P07 Screen]**
Make sure that Extra Message 1 screen (P07) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P07 ExtrA nESG 1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

[7] EXTRA MESSAGE 1   [ENTER]

2 **[Key In Message No.]**
Press the ENTER key to access Key In Message Number screen.

Then, key in the message number (1 to 99999999) and press the PLU key.

ENTER
▼
```
P07-00 nESSAGE          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

*KEY IN MESSAGE No. +[PLU]

▼

[0] [9] **Message number** → [PLU]

3 **[Extra Message 1 Edit]**
Press the ENTER key to access Extra Message 1 Edit screen.

```
P07-01 Edit          1
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

[1] *EXTRA MSSG 1 EDIT   [ENTER]

▼
ENTER
▼

Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat steps 2 and 3 above to edit the text for other extra message number.

5 **[Return to P01]**
Press the END key to return to the P01 screen.

END
▼
```
P01 PLU
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

[1] PLU FILE   [ENTER]

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE
▼
```
0.000    0.000    0.00    0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.
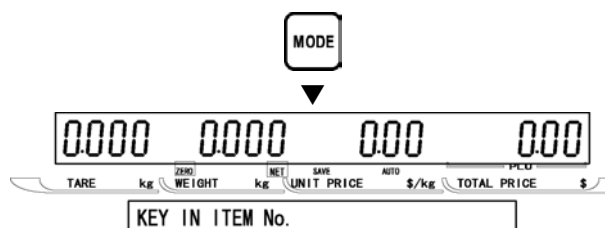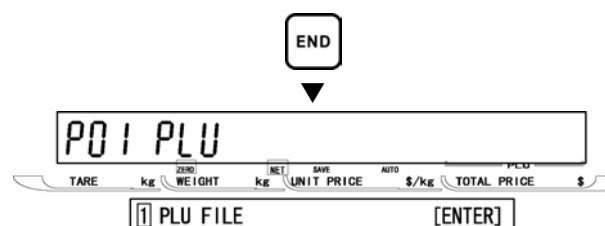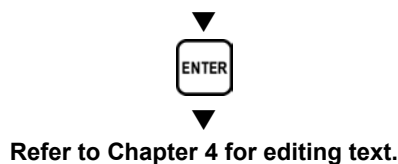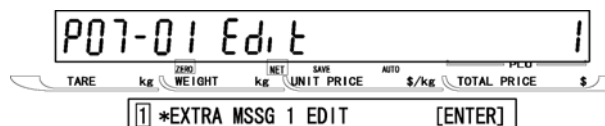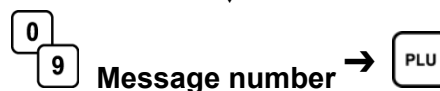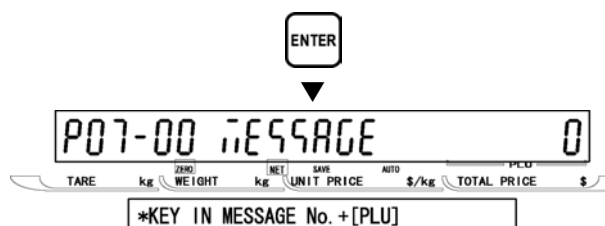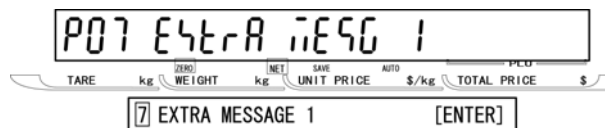
3.10 DEFAULT PLU (P08)

The default PLU will appear whenever each transaction is completed.

1 [P08 Screen]
Make sure that Default PLU screen (P08) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P08 dEFAULt PLU          0
TARE   kg  WEIGHT   kg  UNIT PRICE   $/kg  TOTAL PRICE   $
8 DEFAULT PLU                [ENTER]
```

2 [Key In PLU No.]
Press the ENTER key to access Key In PLU Number screen.

Then, key in the desired PLU number to set as a default data and press the ENTER key.

Note: To disable the default PLU, key in "0" and press the ENTER key.

```
ENTER
▼
P08-00 PLU               0
TARE   kg  WEIGHT   kg  UNIT PRICE   $/kg  TOTAL PRICE   $
*KEY IN PLU No. + [ENTER]
▼
0
9   PLU number →  ENTER
```

3 [Return to P01]
Press the END key to return to the P01 screen.

```
END
▼
P01 PLU
TARE   kg  WEIGHT   kg  UNIT PRICE   $/kg  TOTAL PRICE   $
1 PLU FILE                   [ENTER]
```

4 [Exiting Registration Mode]
In order to exit Registration Mode, press the MODE key. Then, the default PLU data that has been set in step 2 above appears on the display.

```
MODE
▼
0.000    0.000     9.99  000003
TARE   kg  WEIGHT   kg  UNIT PRICE   $/kg  TOTAL PRICE   $
BEEF STEAK
```

1 **[P09 Screen]**
Make sure that Item List Mode screen (P09) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P09 ,tEñ L,5t
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
9 ITEM LIST MODE          [ENTER]
```

2 **[Print Mode]**
Press the ENTER key to access Print Mode screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Label
1: Roll paper

```
ENTER
▼
P09-01 Prt ñodE          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 PRINT MODE        → 0:LABEL
▼
0
9  Selection data  →  ENTER
```

3 **[Print Mode: Type]**
Press the ENTER key to access Print Mode: Type screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: PLU
1: Message
2: Coupon
3: Campaign

```
ENTER
▼
P09-02 tYPE          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 PRINT MODE        → 0:PLU
▼
0
9  Selection data  →  ENTER
```

5 **[Start No.]**
Press [•] key to proceed to Start Number screen for PLU item list printing.

Then, key in the desired start number and press the ENTER key.

```
↓
▼
P09-03 5tArt no          8
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
8 START No.          (    0)
▼
0
9  Start number  →  ENTER
```

6 **[End No.]**
Press [•] key to proceed to End Number screen for PLU item list printing.

Then, key in the end number and press the ENTER key.

```
↓
▼
P09-04 End no          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
4 END No.          (  999)
▼
0
9  End number  →  ENTER
```
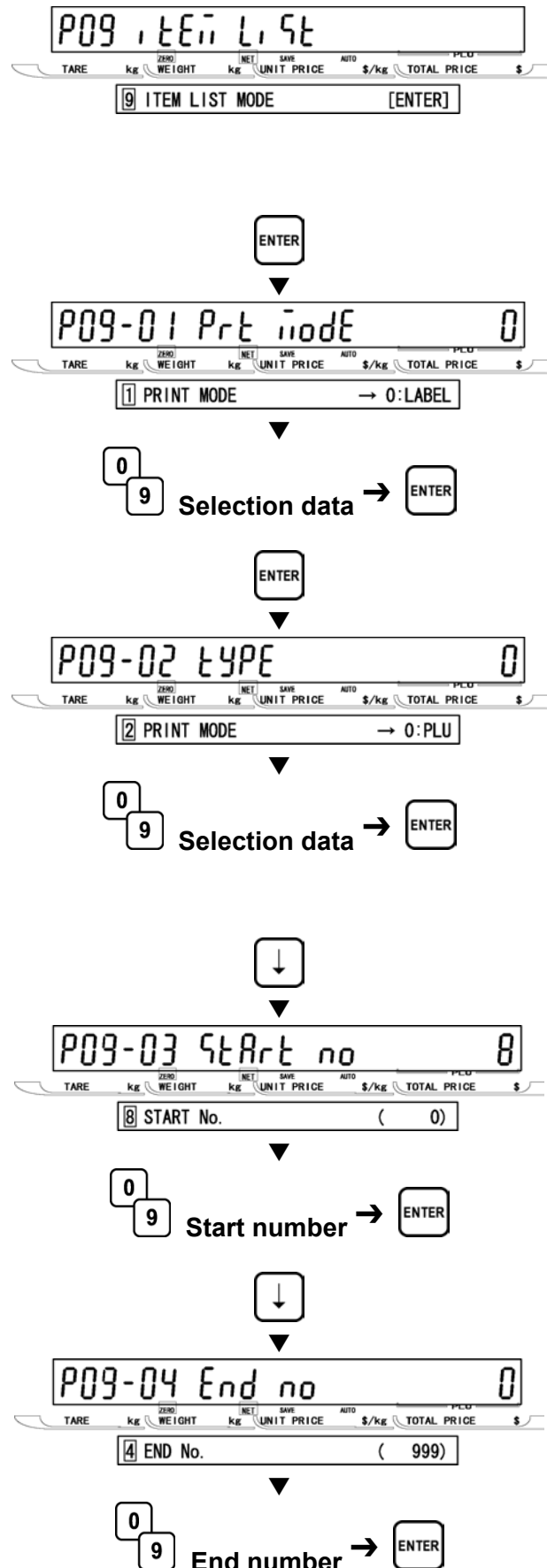
7 **[Print Start]**
Press [•] key to proceed to Print Start screen.

Then, press the PRINT key to start printing.

Note: Pressing the ZERO key will stop printing.
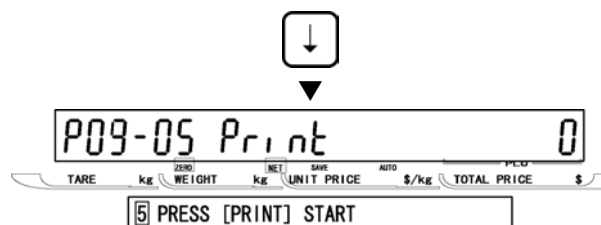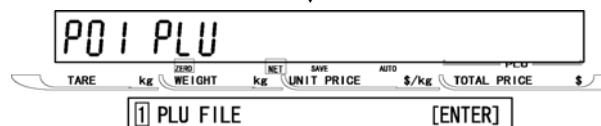
$\downarrow$

```
P09-05 Print          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

⑤ PRESS [PRINT] START

▼

PRINT

8 **[Return to P01]**
Press the END key to return to the P01 screen.

END

▼

```
P01 PLU
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

① PLU FILE   [ENTER]

9 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000    0.00    0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

3

REGISTRATION MODE
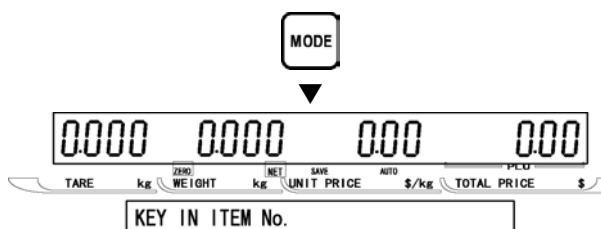
3.12 RS232C MODE (P10)

The following steps explain how to use RS232C data communication between scales.

■UPLOADING DATA (P10-01)

1 **[P10 Screen]**
Make sure that RS232C Mode screen (P10) appears on the display.

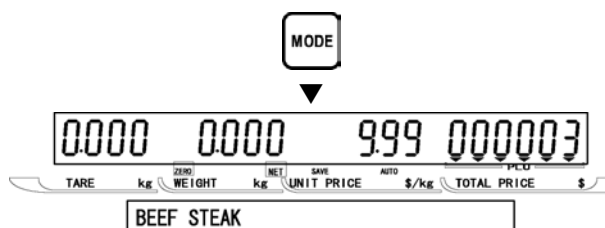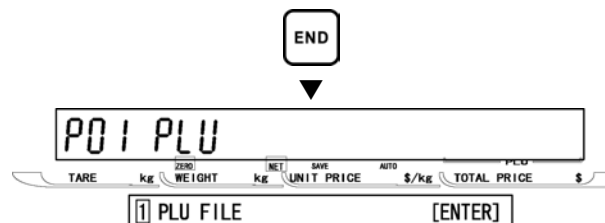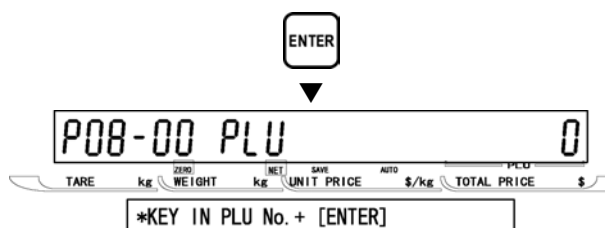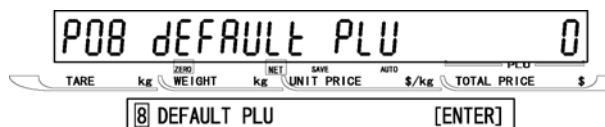Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P 10  r52320
```
10 RS232C MODE   [ENTER]

2 **[Data Upload]**
Press the ENTER key to enter Data Upload screen.

ENTER ▼

```
P 10-01  dAtA  UP  LoAd      0
```
1 DATA UP LOAD   [ENTER]

3 **[All Data]**
Press the ENTER key to enter All Data screen.

Then, press the ENTER key to upload all data.

ENTER ▼

```
P 10-01-01  ALL  dAtA        0
```
1 ALL DATA   [ENTER]

▼ ENTER

4 **[Store Data]**
Press [•] key to proceed to Store Data screen.

Then, press the ENTER key to upload the store data.

↓ ▼

```
P 10-01-02  StorE  FiLE      0
```
2 STORE FILE   [ENTER]

▼ ENTER
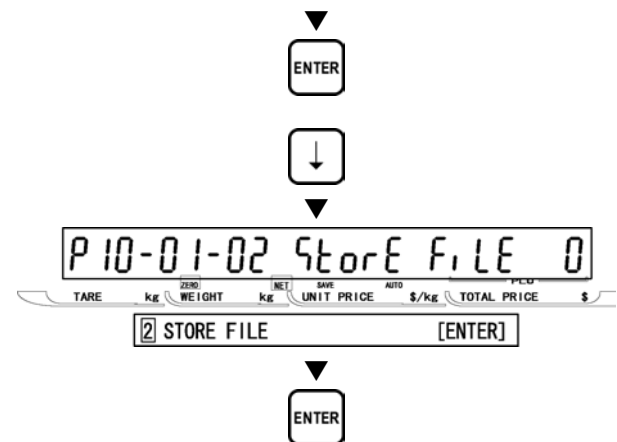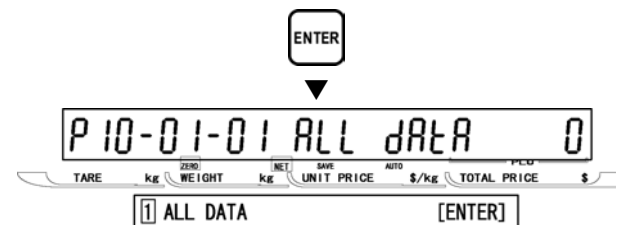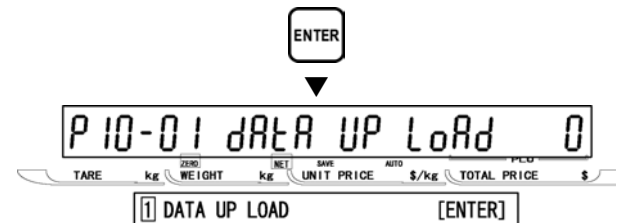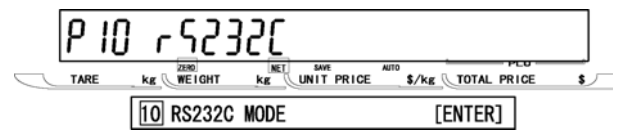
5 **[Other Data Select]**
Repeat step 4 above to select the desired
data (see below) to be uploaded.

Data Selection
P10-01-01 All data
P10-01-02 Store data
P10-01-03 Item data
P10-01-04 Preset data
P10-01-05 Message 1 data
P10-01-06 Format data
P10-01-07 Config. data (E2ROM)
P10-01-08 Coupon data
P10-01-09 Message 2 data
P10-01-10 Message 3 data
P10-01-11 Total data
P10-01-12 Operator data
P10-01-13 Title data
P10-01-14 Advertisement data
P10-01-15 Campaign data

6 **[Sending]**
While the specified data is being sent,
"SENDING" screen is displayed.

*Note: If an error occurs, "DATA SEND ERR"
       screen will be displayed.*
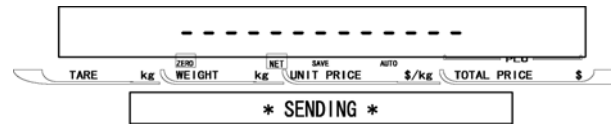
7 **[Return to P01]**
Press the END key to return to the P01
screen.
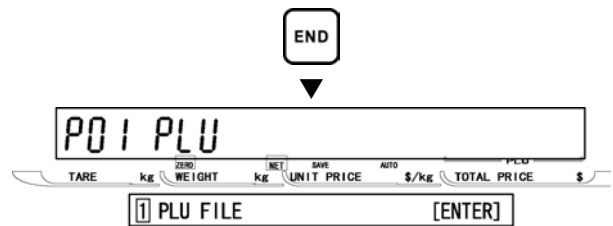
8 **[Exiting Registration Mode]**
In order to exit Registration Mode, press
the MODE key. Then, Key In Item No.
screen appears.
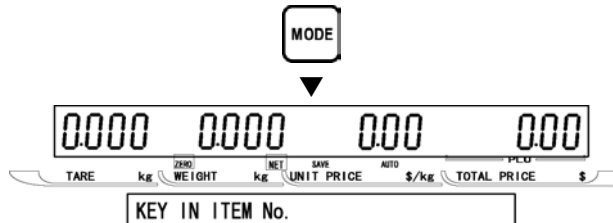
■DOWNLOADING DATA (P10-02)

1 **[P10 Screen]**
Make sure that RS232C Mode screen (P10) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P 10  r S232C
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

10 RS232C MODE   [ENTER]

2 **[P10-01 Screen]**
Press the ENTER key to enter P10-01 screen.

ENTER ▼

```
P 10-01  dAtA  UP  LoAd      0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 DATA UP LOAD   [ENTER]

3 **[Data Download]**
Press [•] key to proceed to Data Download screen.

Then, press the ENTER key to download all data.

↓ ▼

```
P 10-02  dAtA  doYn  LoAd  0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

2 DATA DOWN LOAD   [ENTER]

ENTER

4 **[Receiving]**
While all data is being received, "RECEIVING" screen is displayed.

Note: In order to exit receiving status, turn OFF and ON the power.

```
- - - - - - - - - - - - - -
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

∗ RECEIVING ∗

5 **[Return to P01]**
Press the END key to return to the P01 screen.

END ▼

```
P01  PLU
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 PLU FILE   [ENTER]

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE ▼

```
0.000    0.000    0.00      0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.
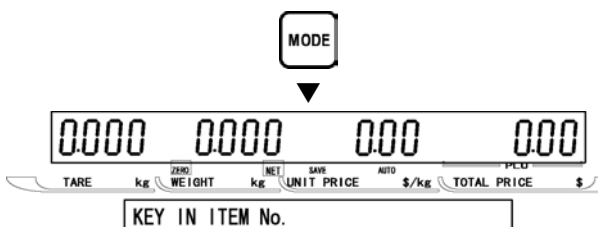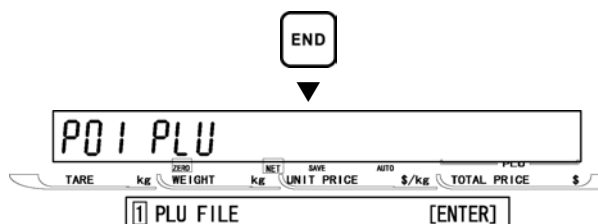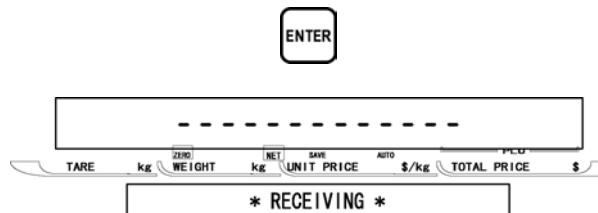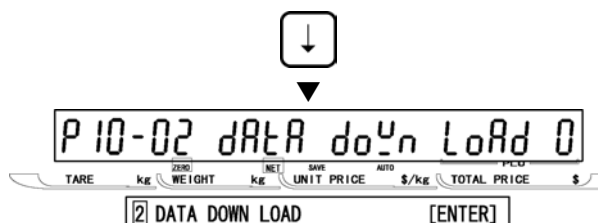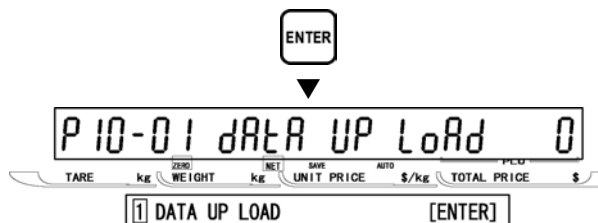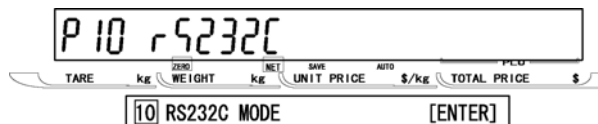
3.13 COUPON MESSAGE (P20)

This message is an independent data, therefore, it can be printed anywhere on the label.

1 **[P20 Screen]**
Make sure that Coupon Message screen (P20) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P20 CoUPon MESSAGE
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
20 COUPON MESSAGE              [ENTER]
```

2 **[Key In Message No.]**
Press the ENTER key to access Key In Message Number screen.

Then, key in the message number (1 to 99999999) and press the PLU key to call the coupon message data.

```
ENTER
▼
P21-00 MESSAGE no        0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*KEY IN MESSAGE No. + [PLU]
```
▼

```
0
9   Coupon Message number → PLU
```

3 **[Coupon Message Edit]**
Press [•] key to proceed to Coupon Message Edit screen, and press the ENTER key to access the edit mode.

```
↓
▼
P20-01 Edit             1
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 COUPON MESSAGE EDIT         [ENTER]
```
▼
```
ENTER
```
▼

Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat steps 2 and 3 above to edit the text for other message number.

5 **[Return to P01]**
Press the END key to return to the P01 screen.

```
END
▼
P01 PLU
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 PLU FILE                    [ENTER]
```

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

```
MODE
▼
0.000    0.000    0.00      0.00
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
KEY IN ITEM No.
```

3
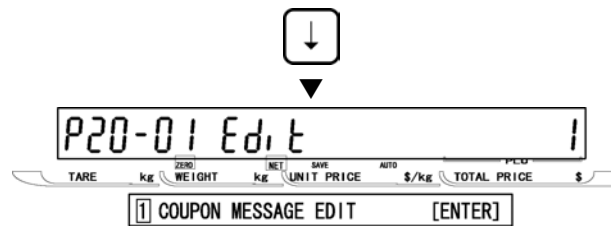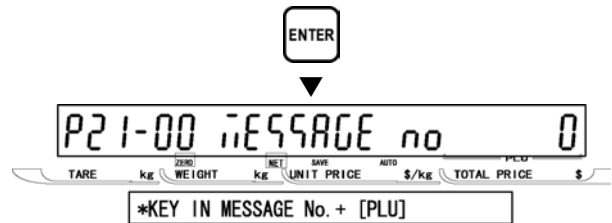
REGISTRATION MODE

3.14 EXTRA MESSAGE 2 (P21)

This message is an independent data, therefore, it can be printed anywhere on the label.

1 **[P21 Screen]**
Make sure that Extra Message 2 screen (P21) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P2 I  E5ErA  nE5G  2
```
TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

21 EXTRA MESSAGE 2   [ENTER]

2 **[Key In Message No.]**
Press the ENTER key to access Key In Message Number screen.

Then, key in the message number (1 to 99999999) and press the PLU key to call the extra message 2 data.

ENTER

▼

```
P2 I-00  nE55RGE  no        0
```
TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

*KEY IN MESSAGE No. + [PLU]

▼

0
9   **Message number** → PLU

3 **[Extra Message 2 Edit]**
Press [•] key to proceed to Extra Message 2 Edit screen, and press the ENTER key to access the edit mode.

↓

▼

```
P2 I-0 I  Ed,t              I
```
TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

1 *EXTRA MSSG 2 EDIT   [ENTER]

▼

ENTER

▼

Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat steps 2 and 3 above to edit the text for other message number.

5 **[Return to P01]**
Press the END key to return to the P01 screen.

END

▼

```
P0 I  PLU
```
TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

1 PLU FILE   [ENTER]

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000    0.00        0.00
```
TARE   kg WEIGHT   kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.
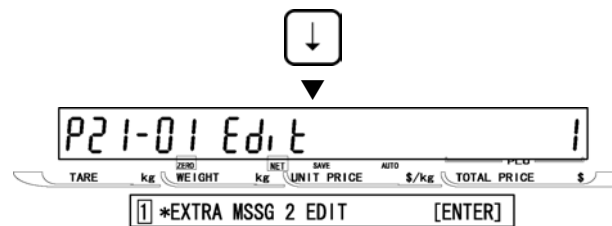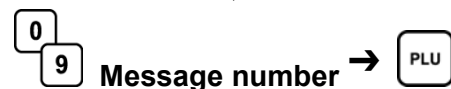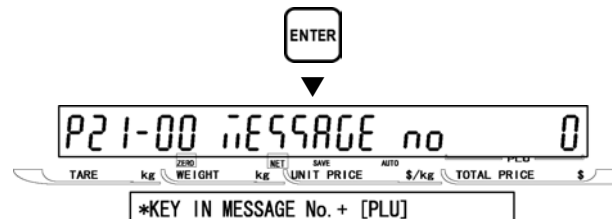
3.15 EXTRA MESSAGE 3 (P22)

This message is an independent data, therefore, it can be printed anywhere on the label.

1 **[P22 Screen]**
Make sure that Extra Message 3 screen (P22) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

P22 E5trA ñESG 3

22 EXTRA MESSAGE 3   [ENTER]

2 **[Key In Message No.]**
Press the ENTER key to access Key In Message Number entry screen

Then, key in the message number (1 to 99999999) and press the PLU key to call the extra message 3 data.

ENTER

▼

P22-00 ñESSAGE no   0

∗KEY IN MESSAGE No. + [PLU]

▼

0 9 **Message number** → PLU

3 **[Message edit]**
Press [•] key to proceed to Extra Message 3 Edit screen, and press the ENTER key to access the edit mode.

↓

▼

P22-01 Edit   1

1 ∗EXTRA MSSG 3 EDIT   [ENTER]

▼

ENTER

▼

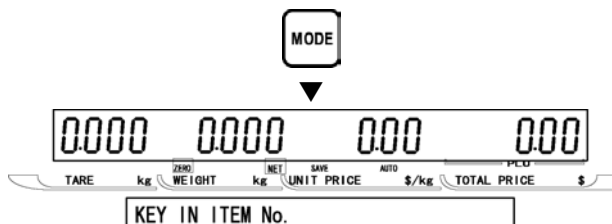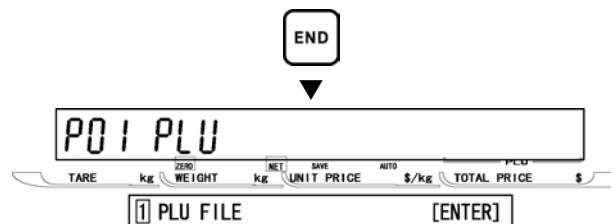**Refer to Chapter 4 for editing text.**

4 **[Repeat]**
Repeat steps 2 and 3 above to edit the text for other message numbers

5 **[Return to P01]**
Press the END key to return to the P01 screen.

END

▼

P01 PLU

1 PLU FILE   [ENTER]

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

0.000   0.000   0.00   0.00

KEY IN ITEM No.

3
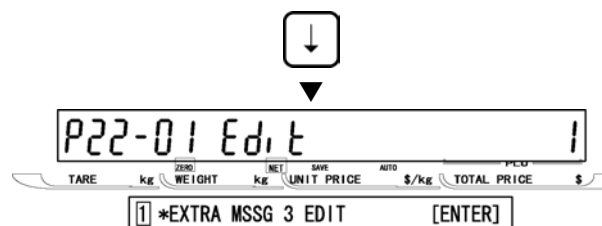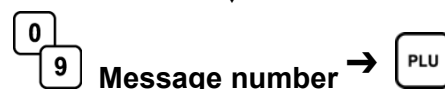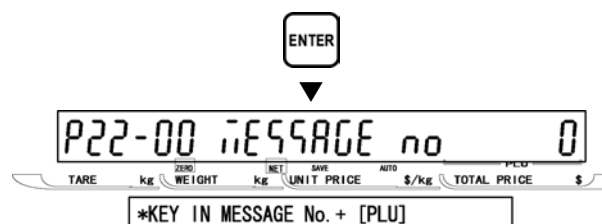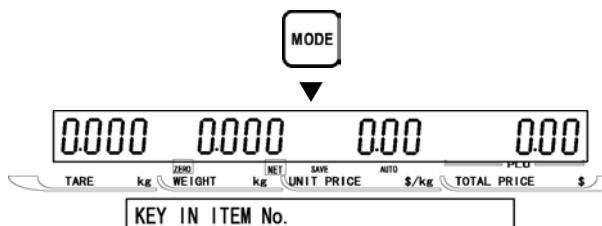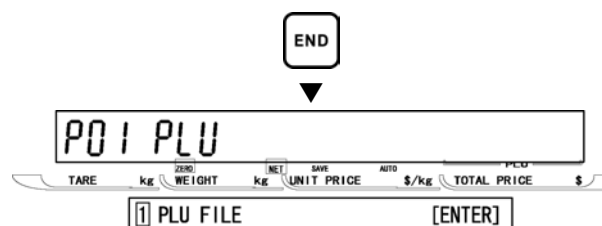
REGISTRATION MODE

3.16 TCP/IP MODE (P23)

In this mode, various data can be manually deleted, sent, and received from the satellite scale to the master scale. These operations are performed by the satellite scale, and they will not influence on normal operations at the master scale. Even during data communications, the master scale can be used as usual. In order to use this function, setting of B10: Ethernet Setup in Setup Mode is required.
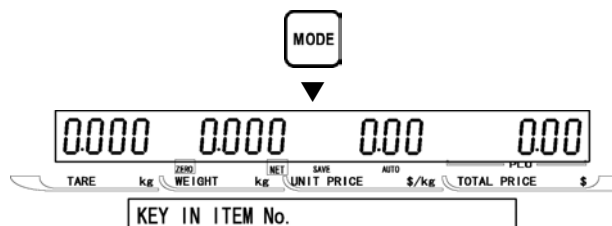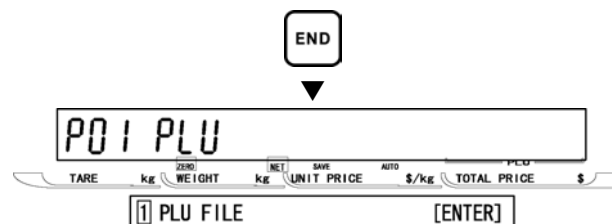
When the result of communications is successful, a long buzzer sounds one time. If it is failed, a short buzzer sounds three times. However, the display will not change in both cases.

Note: If the scale is not properly connected, the step will not advance from P23-01, and the short buzzer sounds three times (a few seconds delay may occur), then the display will return to P23-01: Delete.

■DELETING FILES (P23-01)

1 **[P23 Screen]**
Make sure that TCP/IP Mode screen (P23) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P23 tCP iP mode
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
23 TCP/IP MODE                    [ENTER]
```

2 **[Delete]**
Press the ENTER key to access Delete screen.

```
ENTER
▼
P23-01                            0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 DELETE                          [ENTER]
```

3 **[PLU File Delete]**
Press the ENTER key to access the PLU File Delete screen, and press the ENTER key to delete the file.

```
ENTER
▼
P23-01-01                         0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 PLU FILE DEL                    [ENTER]
▼
ENTER
```

4 **[Store File Delete]**
Press [•] key to proceed to Store File Delete screen, and press the ENTER key to delete the file.

```
↓
▼
P23-01-02                         0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 STORE FILE DEL                  [ENTER]
▼
ENTER
```

5 **[Other File Delete]**
Repeat step 4 above to select the desired
file (see below) to be deleted.

Data Selection
P23-01-01 PLU file delete
P23-01-02 Store file delete
P23-01-03 Extra message 1 file delete
P23-01-04 Extra message 2 file delete
P23-01-05 Extra message 3 file delete
P23-01-06 Coupon message file delete
P23-01-07 Preset file delete
P23-01-08 Label format file delete
P23-01-10 Error log data file delete
P23-01-11 Label batch file delete
P23-01-12 Total item file delete
P23-01-13 Total hourly file delete
P23-01-14 Total operator file delete
P23-01-18 Operator file delete
P23-01-19 Title file delete
P23-01-20 Advertisement file delete
P23-01-21 Operator file delete

6 **[Return to P23-01]**
Press the END key to return to the P23-01
screen.

| END |

▼

| *P23-01* | *0* |
| TARE | kg | WEIGHT | kg | UNIT PRICE | $/kg | TOTAL PRICE | $ |

| 1 DELETE | [ENTER] |

7 **[Return to P01]**
Press the END key to return to the P01
screen.

| END |

▼

| *P01 PLU* |
| TARE | kg | WEIGHT | kg | UNIT PRICE | $/kg | TOTAL PRICE | $ |

| 1 PLU FILE | [ENTER] |

8 **[Exiting Registration Mode]**
In order to exit Registration Mode, press
the MODE key. Then, Key In Item No.
screen appears.

| MODE |

▼

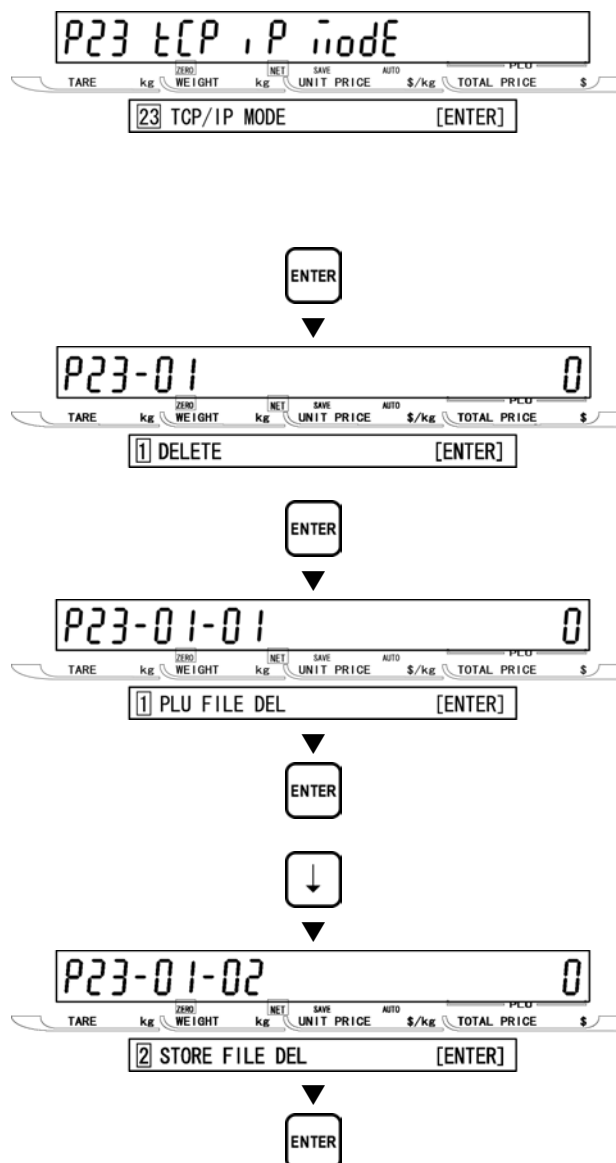| *0.000* | *0.000* | *0.00* | *0.00* |
| TARE | kg | WEIGHT | kg | UNIT PRICE | $/kg | TOTAL PRICE | $ |

| KEY IN ITEM No. |

■SENDING FILES (P23-02)

1 **[P23 Screen]**
Make sure that TCP/IP Mode screen (P23) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P23 tCP,P ñodE
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
23 TCP/IP MODE   [ENTER]

2 **[P23-01 Screen]**
Press the ENTER key to access P23-01 screen.

[ENTER] ▼

```
P23-01                         0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
1 DELETE   [ENTER]

3 **[Send]**
Press [•] key to proceed to Send screen.

[↓] ▼

```
P23-02                         0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
2 SEND   [ENTER]

4 **[PLU File Send]**
Press the ENTER key to access PLU File Send screen, and press the ENTER key to send the file.

[ENTER] ▼

```
P23-02-01                      0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
1 PLU FILE SEND   [ENTER]

▼ [ENTER]

5 **[Store File Send]**
Press [•] key to proceed to Store File Send screen, and press the ENTER key to send the file.

[↓] ▼

```
P23-02-02                      0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
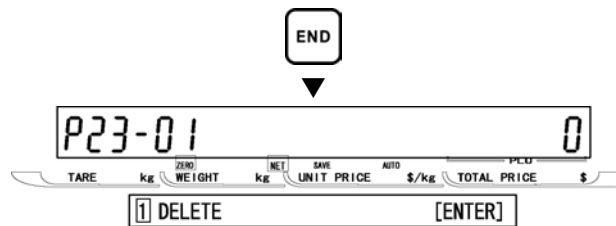2 STORE FILE SEND   [ENTER]

▼ [ENTER]
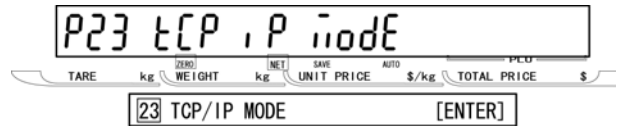
6 **[Other File Send]**
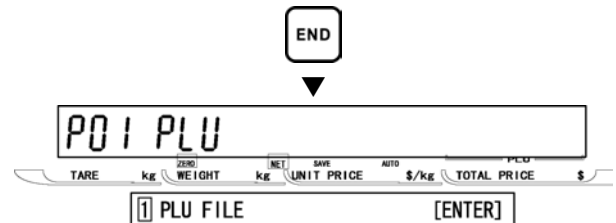Repeat step 5 above to select the desired file (see below) to be sent.

Data Selection
P23-02-01 PLU file send
P23-02-02 Store file send
P23-02-03 Extra message 1 file send
P23-02-04 Extra message 2 file send
P23-02-05 Extra message 3 file send
P23-02-06 Coupon message file send
P23-02-07 Preset file send
P23-02-08 Label format file send
P23-02-10 Error log data file send
P23-02-11 Label batch file send
P23-02-12 Total item file send
P23-02-13 Total hourly file send
P23-02-14 Total operator file send
P23-02-18 Operator file send
P23-02-19 Title file send
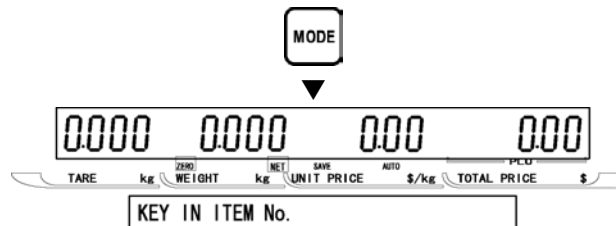P23-02-20 Advertisement file send
P23-02-21 Operator file send

7 **[Return to P23-02]**
Press the END key to return to the P23-02 screen.
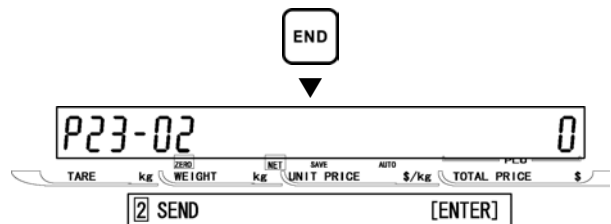
8 **[Return to P01]**
Press the END key to return to the P01 screen.
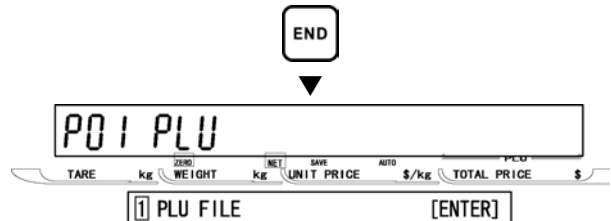
9 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

■RECEIVING FILES (P23-03)
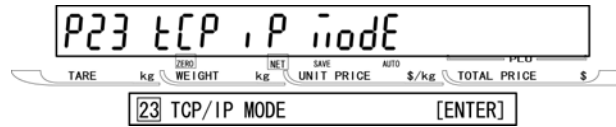
1 **[P23 Screen]**
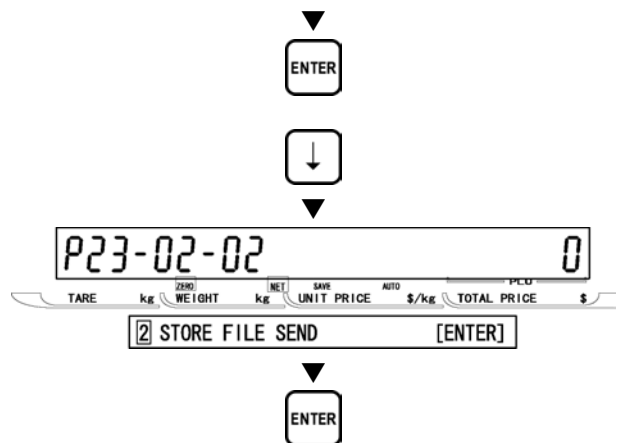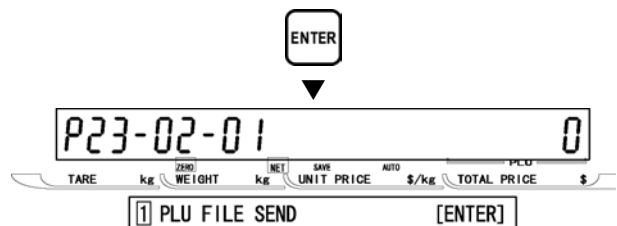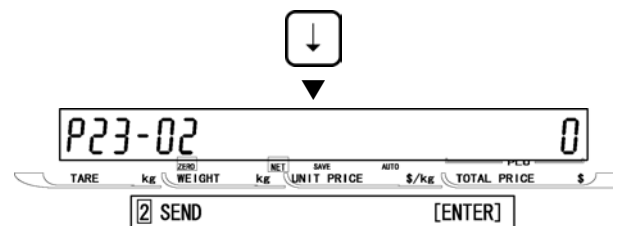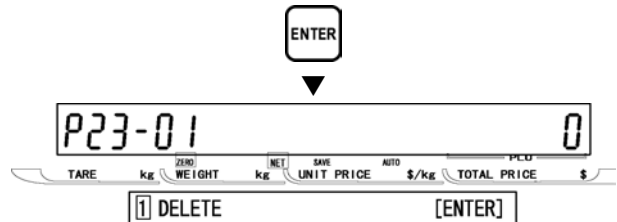Make sure that TCP/IP Mode screen (P23) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P23 tCP iP iodE
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
23 TCP/IP MODE   [ENTER]

2 **[P23-01 Screen]**
Press the ENTER key to access P23-01 screen.

ENTER
▼
```
P23-01              0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
1 DELETE   [ENTER]

3 **[Receive]**
Press [•] key   twice to proceed to Receive screen.

↓ ↓
▼
```
P23-03              0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
3 RECEIVE   [ENTER]
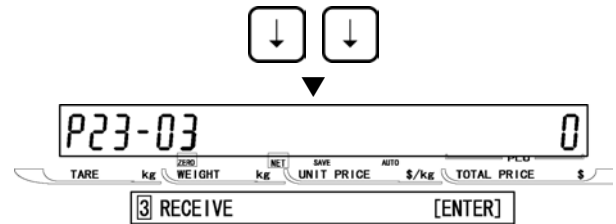
4 **[PLU File Receive]**
Press the ENTER key to access PLU File Receive screen, and press the ENTER key to receive the file.

ENTER
▼
```
P23-03-01           0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
1 PLU FILE RECEIVE   [ENTER]

▼
ENTER

5 **[Store File Receive]**
Press [•] key to proceed to Store File Receive screen, and press the ENTER key to receive the file.

↓
▼
```
P23-03-02           0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
2 STORE FILE RECEIVE [ENTER]

▼
ENTER
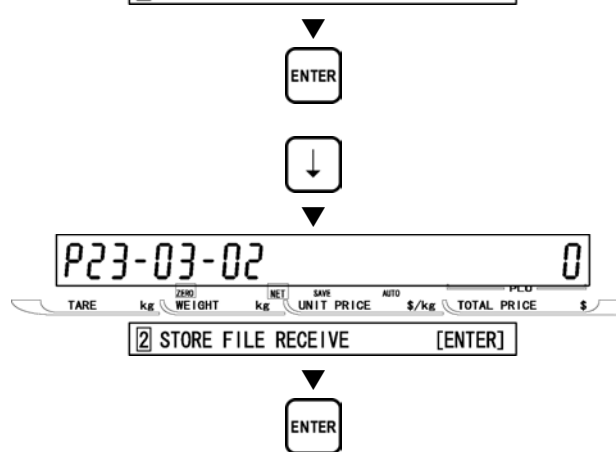
6 **[Other File Receive]**
Repeat step 5 above to select the desired
file (see below) to be received.

Data Selection
P23-03-01 PLU file receive
P23-03-02 Store file receive
P23-03-03 Extra message 1 file receive
P23-03-04 Extra message 2 file receive
P23-03-05 Extra message 3 file receive
P23-03-06 Coupon message file receive
P23-03-07 Preset file receive
P23-03-08 Label format file receive
P23-03-10 Error log data file receive
P23-03-11 Label batch file receive
P23-03-12 Total item file receive
P23-03-13 Total hourly file receive
P23-03-14 Total operator file receive
P23-03-18 Operator file receive
P23-03-19 Title file receive
P23-03-20 Advertisement file receive
P23-03-21 Operator file receive

7 **[Return to P23-03]**
Press the END key to return to the P23-03
screen.
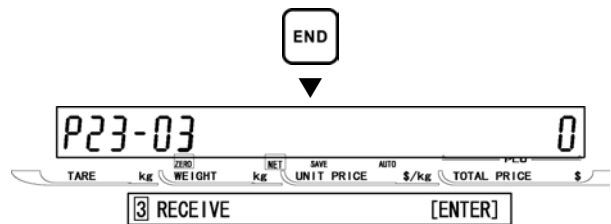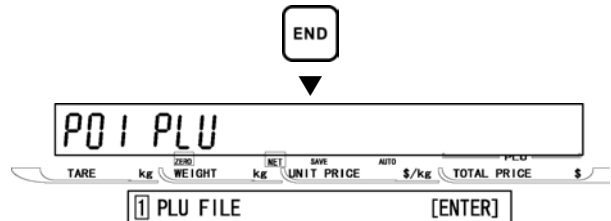
END

P23-03   0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

3 RECEIVE   [ENTER]

8 **[Return to P01]**
Press the END key to return to the P01
screen.

END

P01 PLU

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 PLU FILE   [ENTER]

9 **[Exiting Registration Mode]**
In order to exit Registration Mode, press
the MODE key. Then, Key In Item No.
screen appears.

MODE

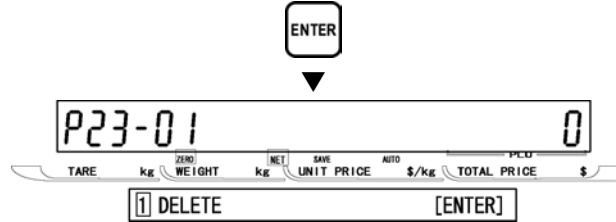0.000   0.000   0.00   0.00

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.
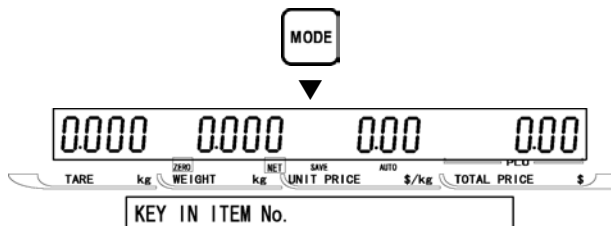
3.17 OPERATOR NAME (P24)

1 **[[P24 Screen]**
Make sure that Operator Name screen (P24) appears on the display.
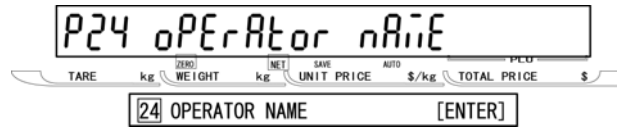
Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.
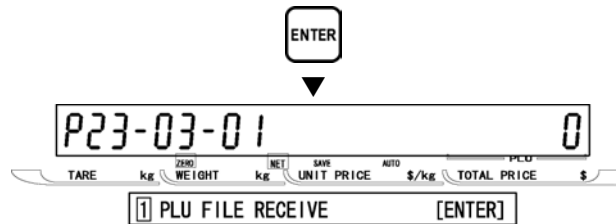
```
P24 oPErAtor nAiiE
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
24 OPERATOR NAME          [ENTER]
```

2 **[Key In Operator No.]**
Press the ENTER key to access Key In Operator Number screen.

Then, key in the operator number and press the PLU key.

ENTER

```
P24-00 oPErAtor no      0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
*KEY IN OPERATOR No. + [PLU]
```

[0 9] **Operator number** → [PLU]

3 **[Operator Name Edit]**
Press the ENTER key to enter Edit Mode.

Note: Up to 16 characters can be entered.

```
P24-01 Edit            1
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 OPERATOR NAME EDIT      [ENTER]
```

ENTER

Refer to Chapter 4 for editing text.

4 **[Operator Password]**
Press [•] key to proceed to Operator Password screen.

Then, key in the password (6 digits) and press the ENTER key.

[↓]

```
P24-02
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 OPERATOR PASSWORD       [ENTER]
```

[0 9] **Operator password** → ENTER
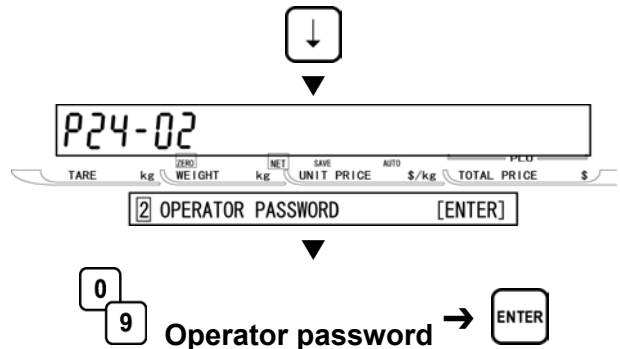
5 **[Operator Logout]**
Press [•] key to proceed to Operator Logout screen. Operator logout is automatically executed when non-operation status time exceeds the set minutes.

Then, key in the logout time in minutes (MM) and press the ENTER key.

[↓]

```
P24-03                 30
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
3 OPERATOR LOGOUT         [ENTER]
```

[0 9] **Operator logout time** → ENTER
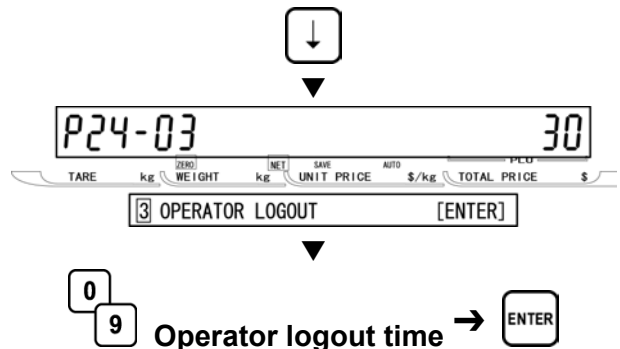
6 **[Operator Access Level]**
Press [•] key to proceed to Operator Access
Level screen.

Then, key in the selection data and press
the ENTER key.

Selection data
0: All levels
1: Normal operation
2: Normal and Total operations
3: Registration (P01, P02, P03 only)
4: All Registrations
5: Normal, Registration, Total, Subtraction

↓

▼

P24-04   1

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

④ OPERATOR ACCESS LEBEL   [ENTER]

▼

0 9   **Selection data** → ENTER
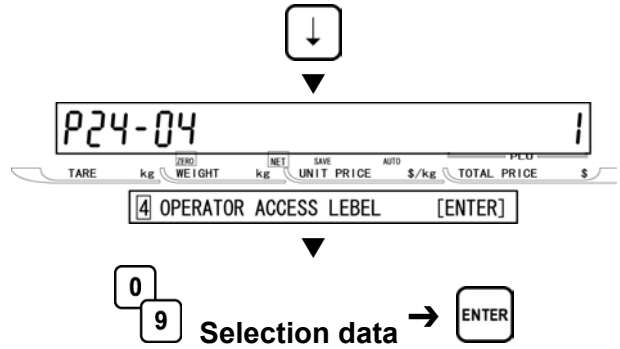
7 **[Repeat]**
Repeat steps 2 though 6 above for other
operators.

8 **[Return to P01]**
Press the END key to return to the P01
screen.
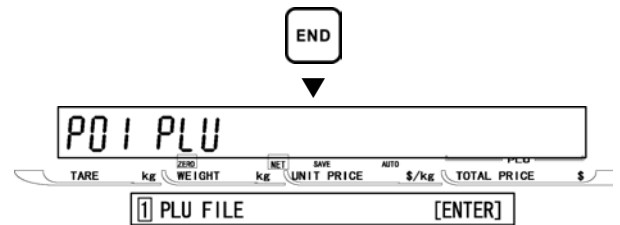
END

▼

P01 PLU

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

① PLU FILE   [ENTER]

9 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the
MODE key. Then, Key In Item No. screen
appears.

MODE

▼

0.000   0.000   0.00   0.00

TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

KEY IN ITEM No.
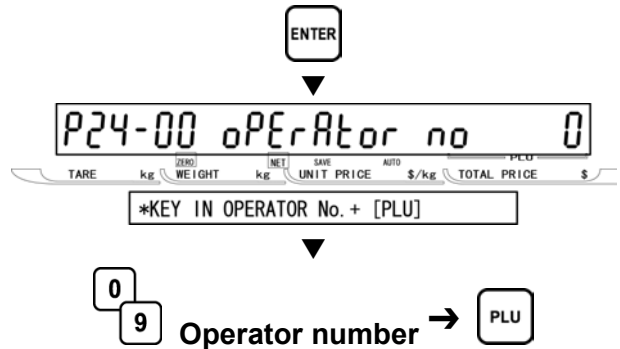
3
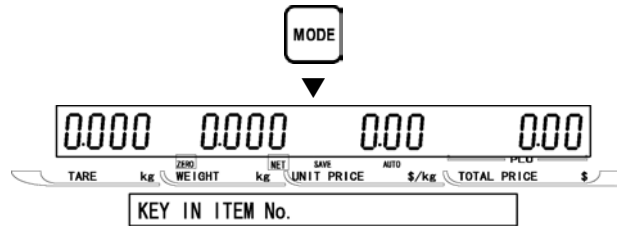
REGISTRATION MODE

3.18 TITLE DATA (P25)

1 **[P25 Screen]**
Make sure that Title Data screen (P25) appears on the display.

Otherwise, access this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P25 title dAtA
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
```
[25] TITLE DATA          [ENTER]
```

2 **[Key In Title No.]**
Press the ENTER key to access Key In Title Number screen.

Then, key in the title number (1 to 199) and press the PLU key.

[ENTER]
▼
```
P25-00 title no         0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
```
*KEY IN TITLE No. +[PLU]
```
▼

[0] [9] **Title number** → [PLU]

3 **[Title Data Edit]**
Press the ENTER key to enter Edit Mode.

Note: Up to 54 characters can be entered.

```
P25-01 Edit
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
```
[1] TITLE DATA EDIT       [ENTER]
```
▼
[ENTER]
▼
Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat steps 2 and 3 above for other title data.

5 **[Return to P01]**
Press the END key to return to the P01 screen.

[END]
▼
```
P01 PLU
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
```
[1] PLU FILE              [ENTER]
```

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

[MODE]
▼
```
0.000    0.000    0.00    0.00
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $
```
KEY IN ITEM No.
```
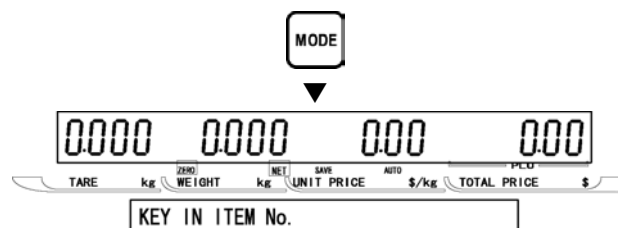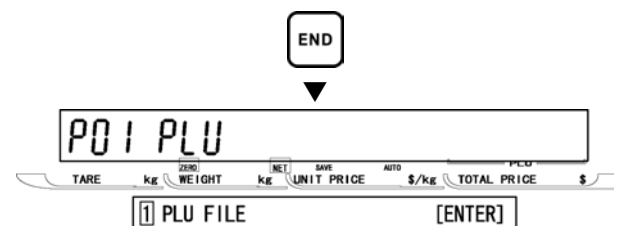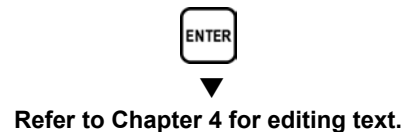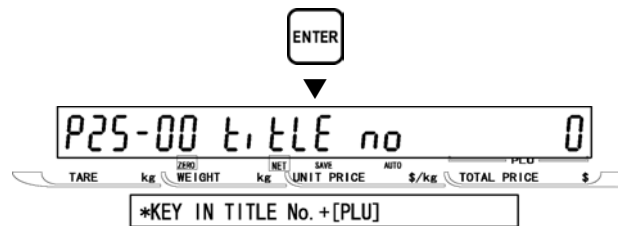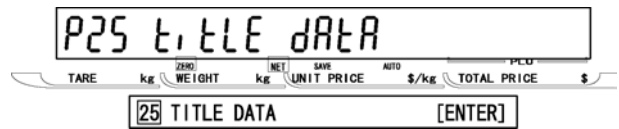
3.19 ADVERTISEMENT MESSAGE (P26)

This procedure is used to program messages for store advertisement. Up to 9 messages can be programmed and displayed (scrolling or flashing).

1 **[P26 Screen]**
Make sure that Advertisement Message screen (P26) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P26  RduErtiSEmEnt mSG
```
`26 ADVERTISEMENT MESSAGE    [ENTER]`

2 **[Key In Message No.]**
Press the ENTER key to access Key In Message Number screen.

Then, key in the message number and press the PLU key.

ENTER

▼

```
P26-00  mESSRGE no      0
```
`*KEY IN MESSAGE NO. + [PLU]`

▼

0 9 **Message number** → PLU

3 **[Advertisement Message Edit]**
Press the EDIT key to enter Edit Mode.

```
P26-01  Edit           1
```
`1 ADVERTISEMENT EDIT    [EDIT]`

▼

EDIT

▼

Refer to Chapter 4 for editing text.

4 **[Select to Display]**
Press [•] key to proceed to Select to Display screen.

Then, key in the selection data (see below) and press the ENTER key to determine the display method.

Selection data
0: Display OFF
1: Scroll fast
2: Scroll medium
3: Scroll slow
4: Flash fast
5: Flash medium
6: Flash slow

↓

▼

```
P26-02  diSP modE      0
```
`2 SELECT TO DISP  → 0:DISP OFF (0)`

▼

0 9 **Selection data** → ENTER

3
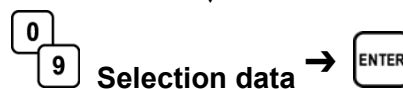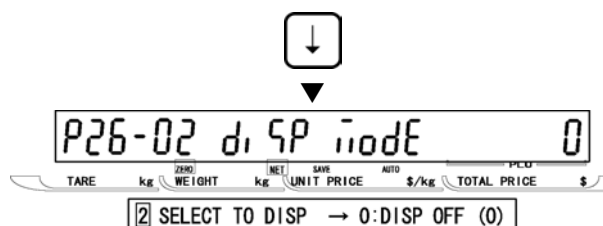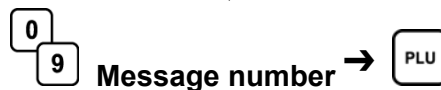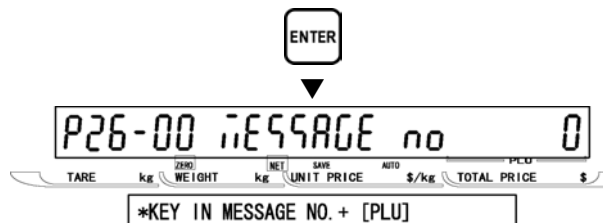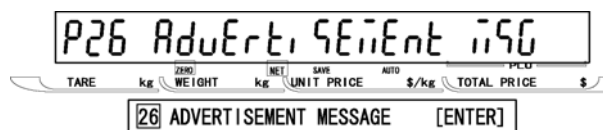
REGISTRATION MODE

5 **[Display Day of The Week]**
Press [•] key to proceed to Display Day of The Week screen.

Then, key in the selection data (see below) and press the ENTER key.

Selection data
0: Everyday
1: Sunday
2: Monday
3: Tuesday
4: Wednesday
5: Thursday
6: Friday
7: Saturday

```
↓
▼
P26-03 dAtE          0
TARE   kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
3 DISPLAY DAY OF THE W → 0:EVERYD
▼
[0]
 [9]  Selection data →  [ENTER]
```
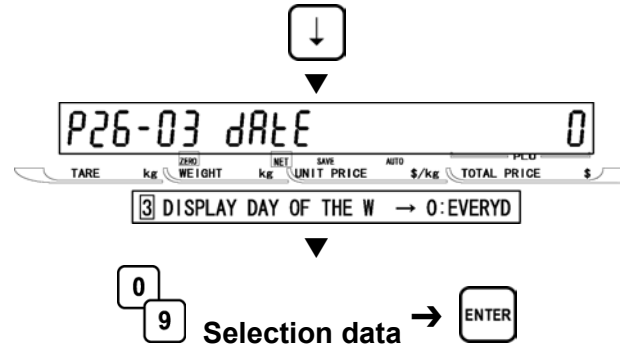
6 **[Time Schedule]**
Press [•] key to proceed to Time Schedule screen.

Then, key in the desired time period (HHHH) when the message is to be displayed, and press the ENTER key.

Ex: From 15:00 to 16:00
[1] [5] [1] [6] → [ENTER]

```
↓
▼
P26-04 tinE       0000
TARE   kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
4 TIME SCHEDULE        (0000)
▼
[0]
 [9]  Time period (HHHH) →  [ENTER]
```
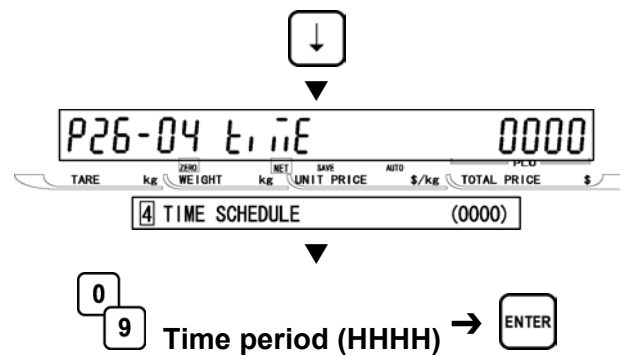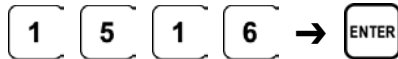
7 **[Consecutive Message]**
Press [•] key to proceed to Consecutive Message select.

Then, key in the selection data (see below) and press the ENTER key to determine the changing method for the scroll message display.

Selection data
0: "NO" Changes at the set interval.
1: "YES" Changes in one display cycle.

```
↓
▼
P26-05            0
TARE   kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
5 CONSECUTIVE MESSAGE Y=1 N=0
▼
[0]
 [9]  Selection data →  [ENTER]
```
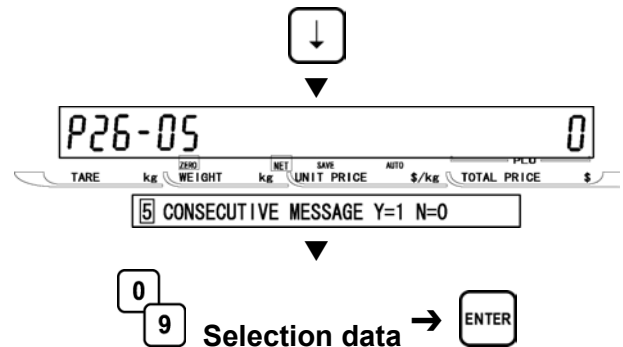
8 **[Repeat]**
Repeat steps 2 though 7 above for other messages.

9 **[Return to P01]**
Press the END key to return to the P01 screen.
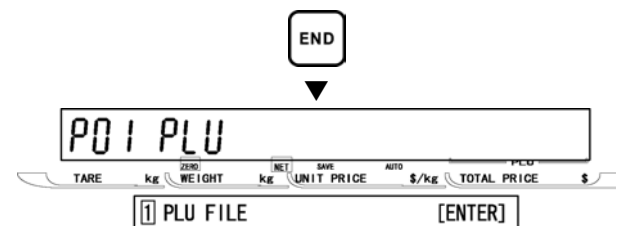
```
[END]
▼
P01 PLU
TARE   kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
1 PLU FILE         [ENTER]
```

10 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

0.000	0.000	0.00	0.00
TARE kg	ZERO WEIGHT kg	NET SAVE UNIT PRICE AUTO $/kg	PLU TOTAL PRICE $

KEY IN ITEM No.
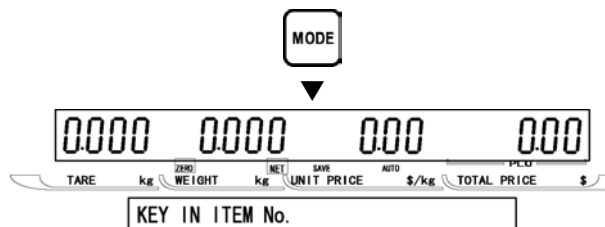
3.20 DEPARTMENT CODE/NAME (P27)

Departments are used to link similar products together into a category for reporting purpose.
The following steps are used to program a name for the reference code entered when PLUs are programmed.

1 **[P27 Screen]**
Make sure that Department Code/Name screen (P27) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P27 dEPArtmEnt CodE
```
`27 DEPARTMENT CODE/NAME    [ENTER]`

2 **[Key In Department Code]**
Press the ENTER key to enter Key In Department Code screen.

Then, key in the department code and press the PLU key.

Note: Up to 9999 can be programmed.

ENTER

```
P27-00 dEPt CodE        0
```
`*KEY IN DEPARTMENT CODE+[PLU]`

`0` `9` **Department code** → `PLU`

3 **[Department Name Edit]**
Press the ENTER key to enter Edit Mode.

```
P27-01 Edit             1
```
`[CHECK] DEPT 0001`

ENTER

Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat steps 2 and 3 above for other departments.

5 **[Return to P01]**
Press the END key to return to the P01 screen.

END

```
P01 PLU
```
`1 PLU FILE                [ENTER]`

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

```
0.000   0.000   0.00      0.00
```
`KEY IN ITEM No.`
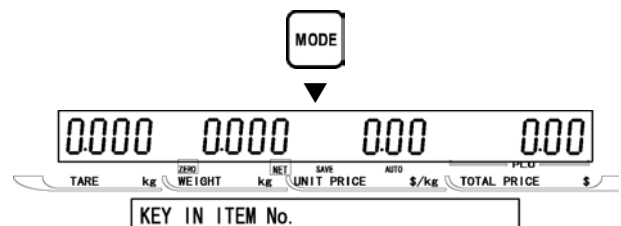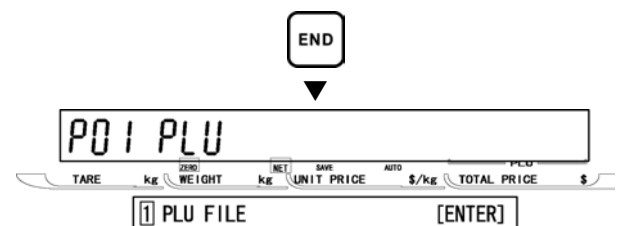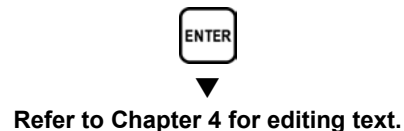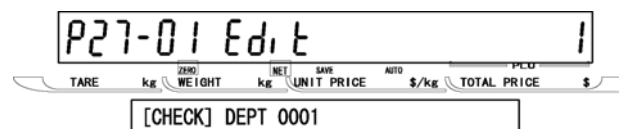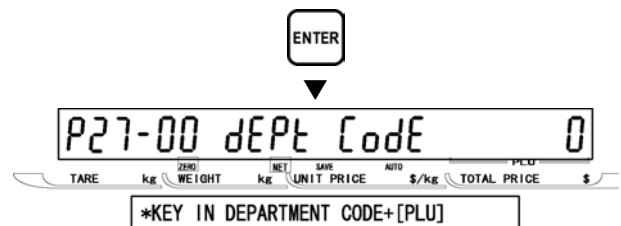
3.21 GROUP CODE/NAME (P28)

Groups are used to link similar products together into a category for reporting purpose.
The following steps are used to program a name for the reference number.

1 **[P28 Screen]**
Make sure that Group Code/Name screen (P28) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P28  GroUP  CodE
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
28 GROUP CODE/NAME          [ENTER]
```

2 **[Key In Group Code]**
Press the ENTER key to enter Key In Group Code screen.

Then, key in the group code and press the PLU key.

Note: Up to 9999 can be programmed.

[ENTER]
▼
```
P28-00  GroUP  CodE          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
*KEY IN GROUP CODE+[PLU]
```
▼
[0] [9] **Group code** → [PLU]

3 **[Group Name Edit]**
Press the ENTER key to enter Edit Mode.

```
P28-01  Edit          1
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
[CHECK] GROUP 0001
```
▼
[ENTER]
▼
Refer to Chapter 4 for editing text.

4 **[Repeat]**
Repeat steps 2 and 3 above for other groups.

5 **[Return to P01]**
Press the END key to return to the P01 screen.

[END]
▼
```
P01  PLU
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
1 PLU FILE          [ENTER]
```

6 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

[MODE]
▼
```
0.000    0.000    0.00    0.00
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
```
KEY IN ITEM No.
```

3
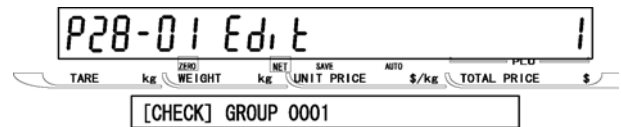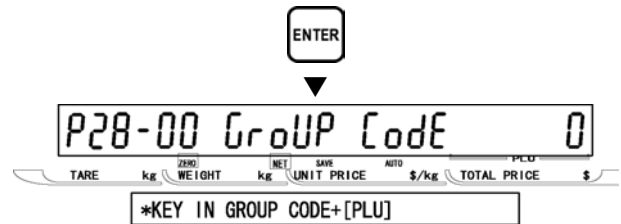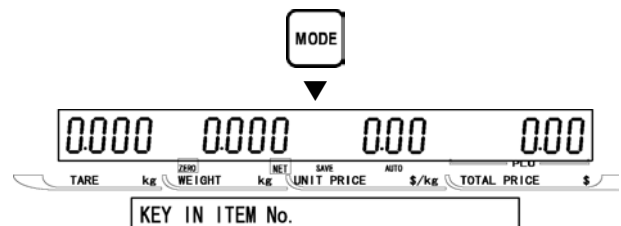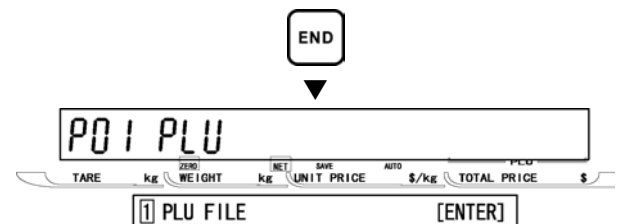
REGISTRATION MODE

3.22 CAMPAIGN ITEM (P29)

Campaign files are used to set a special price for a particular item and the period in which this special price is valid. The following procedure is used to program campaign files.

■FILE CREATE (P29-01)

1 **[P29 Screen]**
Make sure that Campaign Item screen (P29) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P29 CAMPAIGn itEM
```
TARE   kg WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`29 CAMPAIGN ITEM          [ENTER]`

2 **[Key In Group Code]**
Press the ENTER key to enter Key In Campaign File No. screen.

Then, key in the file number (1 to 20) and press the PLU key.

[ENTER]
▼
```
P29-00 CAMPAIGn no
```
TARE   kg WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`*KEY IN CAMPAIGN FILE NO + [PLU]`
▼

[0] [9] **Campaign item file number** → [PLU]

3 **[Campaign Item]**
Press the ENTER key to access Start Date screen..

```
P29-01 CAMPAIGn  1-----
```
TARE   kg WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`1 CAMPAIGN ITEM          [ENTER]`
▼
[ENTER]

4 **[Start Date]**
Key in the start data (DDMMYYYY) and press the ENTER key.

```
P29-01-01
```
TARE   kg WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`START DATE            25/11/2003`
▼

[0] [9] **Start date (DDMMYYYYY)** → [ENTER]

5 **[Start Time]**
Press [•] key to proceed to the next screen.

Then, key in the start time (HH) and press the ENTER key.

[↓]
▼
```
P29-01-02
```
TARE   kg WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

`START TIME       HOUR(15),MIN(30)`
▼

[0] [9] **Start time (HH)** → [ENTER]
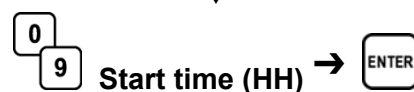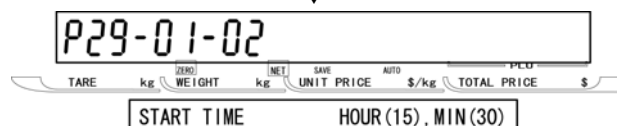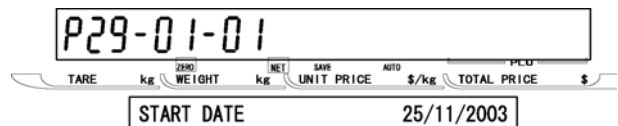
6 **[End Date]**
Press [•] key to proceed to the next screen.

Then, key in the end data (DDMMYYYY) and press the ENTER key.

```
P29-01-03
TARE    kg  ZERO/WEIGHT  kg  NET  SAVE  UNIT PRICE  AUTO  $/kg  TOTAL PRICE  $  PLU
END DATE                              30/11/2003
```

[0 9] **End date (DDMMYYYYY)** → [ENTER]
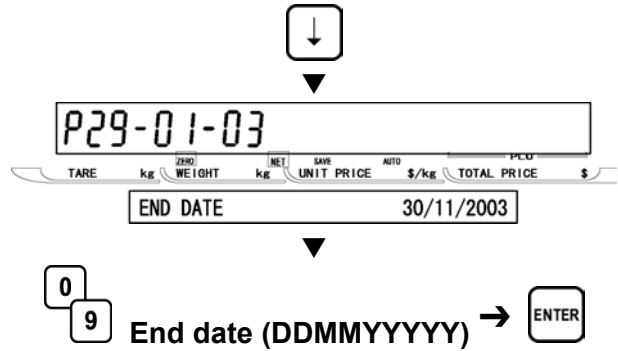
7 **[Start Time]**
Press [•] key to proceed to the next screen.

Then, key in the end time (HHMM) and press the ENTER key.

```
P29-01-04
TARE    kg  ZERO/WEIGHT  kg  NET  SAVE  UNIT PRICE  AUTO  $/kg  TOTAL PRICE  $  PLU
END TIME                     HOUR(16),MIN(30)
```

[0 9] **End time (HHMM)** → [ENTER]
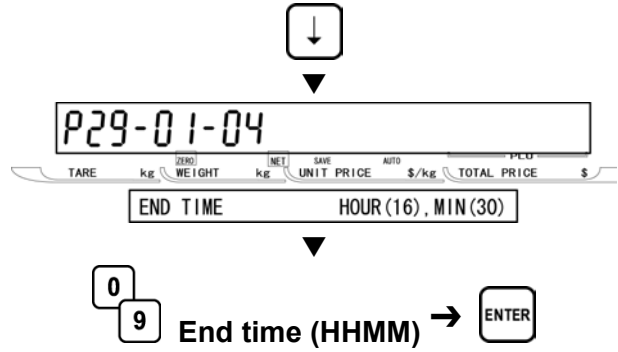
8 **[Item]**
Press [•] key to proceed to the next screen.

Then, key in the PLU number and press the PLU key.

Note: Unit price and fixed price are automatically selected based on the PLU type.

Select the type of discount using [←] and [→] keys.

Selection data
0: Unit price
1: Fixed price
2: Special price
3: -$
4: -%
5: Discount unit price

Then, key in the price or rate and press the ENTER key.

```
P29-01-05    0                        0
TARE    kg  ZERO/WEIGHT  kg  NET  SAVE  UNIT PRICE  AUTO  $/kg  TOTAL PRICE  $  PLU
ITEM → 4:-%                           (0)
```

[0 9] **PLU number** → [PLU]

[←] or [→]

[0 9] **Price or Rate** → [PLU]
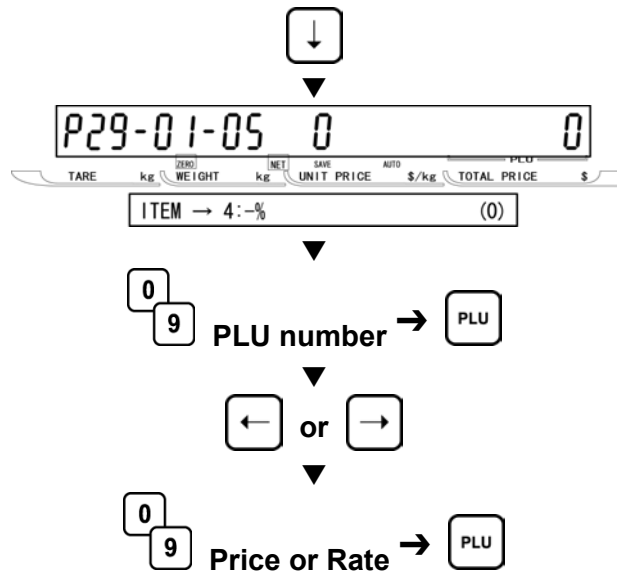
9 **[Repeat]**
Press the END key to return to P29-00 screen.

Repeat steps 2 through 8 above for more campaign files.
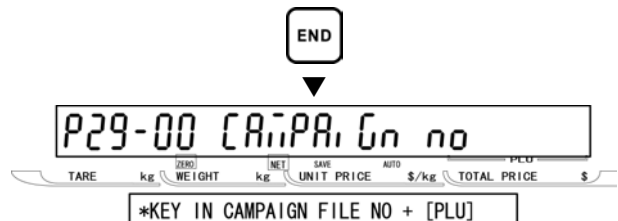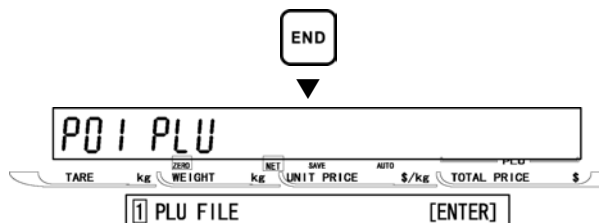
[END]

```
P29-00 CAmPAiGn no
TARE    kg  ZERO/WEIGHT  kg  NET  SAVE  UNIT PRICE  AUTO  $/kg  TOTAL PRICE  $  PLU
*KEY IN CAMPAIGN FILE NO + [PLU]
```

10 **[Return to P01]**
Press the END key to return to the P01 screen.

END

▼

P01 PLU

TARE　　kg WEIGHT　kg UNIT PRICE　$/kg TOTAL PRICE　$

1 PLU FILE　　　　　　　[ENTER]

11 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

0.000　　0.000　　　0.00　　　　0.00

TARE　　kg WEIGHT　kg UNIT PRICE　$/kg TOTAL PRICE　$

KEY IN ITEM No.
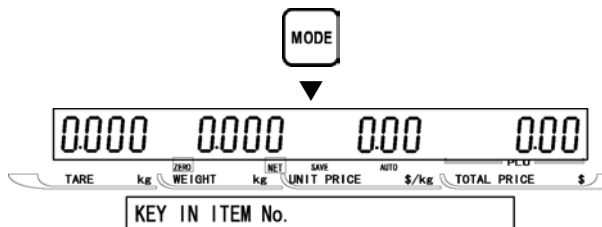
■FILE DELETE (P29-02)

1 **[P29 Screen]**
Make sure that Campaign Item screen (P29) appears on the display.

Otherwise, enter this screen by referring to Section 3.1: Registration Mode Entry/Exit.

```
P29 CAMPAIGn itEm
TARE   kg ZERO/WEIGHT  kg NET  UNIT PRICE  SAVE  AUTO  $/kg  TOTAL PRICE  PLU  $
29 CAMPAIGN ITEM              [ENTER]
```

2 **[Key In Group Code]**
Press the ENTER key to enter Key In Campaign File No. screen.

Then, key in the file number (1 to 20) and press the PLU key.

ENTER

▼

```
P29-00 CAMPAIGn no
TARE   kg ZERO/WEIGHT  kg NET  UNIT PRICE  SAVE  AUTO  $/kg  TOTAL PRICE  PLU  $
*KEY IN CAMPAIGN FILE NO + [PLU]
```

▼

0 9 **Campaign item file number** → PLU

3 **[P29-01 screen]**
Press [•] key to proceed to Campaign Delete screen.

```
P29-01 CAMPAIGn   1-----
TARE   kg ZERO/WEIGHT  kg NET  UNIT PRICE  SAVE  AUTO  $/kg  TOTAL PRICE  PLU  $
1 CAMPAIGN ITEM               [ENTER]
```

▼

↓

4 **[Campaign Delete]**
Press the ENTER key to move to the next step.

```
P29-02 CAMPAIGn   1-----
TARE   kg ZERO/WEIGHT  kg NET  UNIT PRICE  SAVE  AUTO  $/kg  TOTAL PRICE  PLU  $
2 CAMPAIGN DELETE             [ENTER]
```

▼

ENTER

5 **[Executing Delete]**
Press the CHARCTER DELETE key to execute deletion, then, a buzzer will sound.

Note: When canceling the deletion, press the ENTER key.
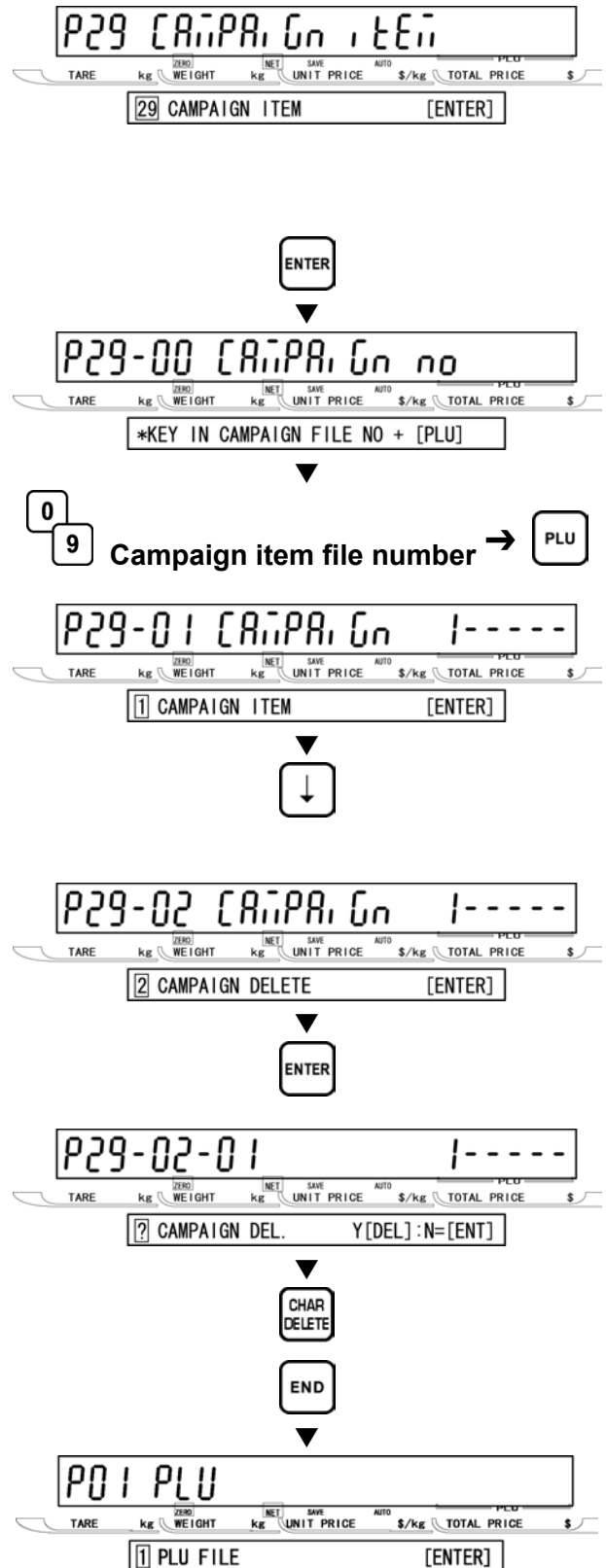
```
P29-02-01        1-----
TARE   kg ZERO/WEIGHT  kg NET  UNIT PRICE  SAVE  AUTO  $/kg  TOTAL PRICE  PLU  $
? CAMPAIGN DEL.   Y[DEL]:N=[ENT]
```

▼

CHAR DELETE

6 **[Return to P01]**
Press the END key to return to the P01 screen.

END

▼

```
P01 PLU
TARE   kg ZERO/WEIGHT  kg NET  UNIT PRICE  SAVE  AUTO  $/kg  TOTAL PRICE  PLU  $
1 PLU FILE                    [ENTER]
```

7 **[Exiting Registration Mode]**
In order to exit Registration Mode, press the MODE key. Then, Key In Item No. screen appears.

```
┌─────────────────────────────────────────────────┐
│ MODE │
└─────────────────────────────────────────────────┘
                    ▼

┌──────────┬──────────┬──────────┬──────────┐
│  0.000   │  0.000   │   0.00   │   0.00   │
└──────────┴──────────┴──────────┴──────────┘
  TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $

┌─────────────────────────────────────────┐
│ KEY IN ITEM No.                         │
└─────────────────────────────────────────┘
```
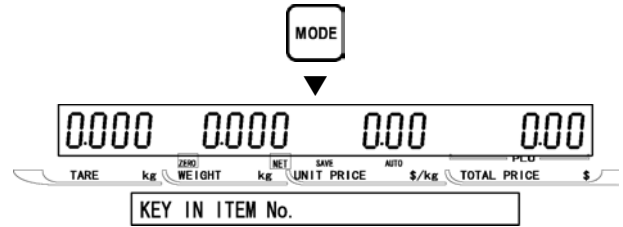
TEXT EDITING

■**PROGRAM KEYSHEET**
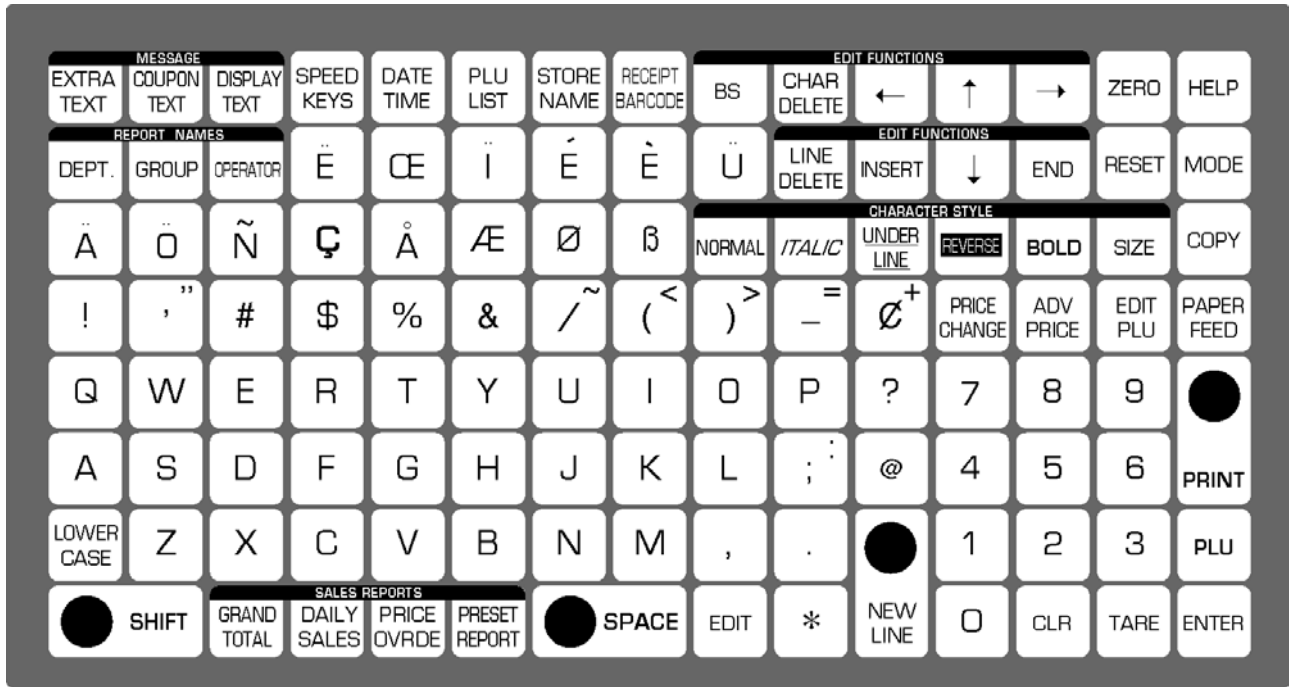
■EDIT KEYS

SHIFT
Used to access the upper case character. Also, used with the arrow keys to quickly move to the beginning or end of a description line.

LOWER CASE
Used to change upper or lower case characters.

UP ARROW
Used to move the cursor up one line and over to the left margin. Also used to move up the cursor several lines at one time by first pressing the SHIFT key, then entering the number of lines.

DOWN ARROW
Used to move the cursor down one line and over to the left margin. Also used to move down the cursor several lines at one time by first pressing the SHIFT key then entering the number of lines.

LEFT ARROW
Used to move the cursor one space to the left.

RIGHT ARROW
Used to move the cursor one space to the right.

EDIT
Used to enter the text entry mode for any text field.

NEW LINE
Used as a carriage return when in the text edit mode.

BACK SPACE
Used to delete a character in the text field by moving the cursor backwards.

CHARACTER DELETE
Used to delete the character where cursor is placed.

LINE DELETE
Used to delete an entire line where cursor is placed.

INSERT
Used to change between inserting or overriding characters while editing text fields.

NORMAL
Used to return to normal type (character size remains unchanged).

ITALIC
Used to switch to italic type. Also used to return italic type to normal type.

UNDERLINE
Used to switch to underline type. Also used to return underline type to normal type.

REVERSE
Used to switch to reverse type. Also used to return reverse type to normal type.

BOLD
Used to switch to bold type. Also used to return bold type to normal type.

SIZE
Used to select different character sizes. After pressing this key, use the UP ARROW or DOWN ARROW key to scroll through the character sizes. To select between left-justification and centering, press this key and the RIGHT ARROW key.

COPY
Used to copy message data such as product name, extra message, and coupon message. Key in the source PLU number and press this key to copy the character data from another PLU.

ENTER
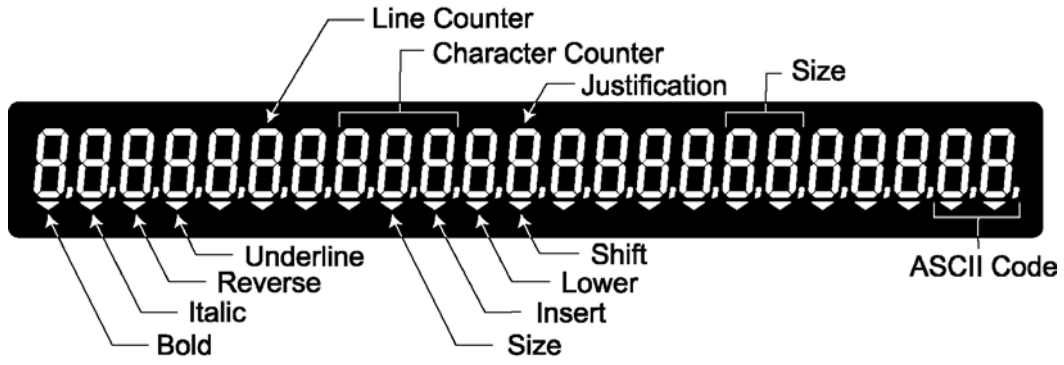Used to save character data and complete the EDIT mode.

END
Used to return to the normal operation mode.

4

TEXT EDITING

■DISPLAY INDICATORS

■7-SEGMENT CHARACTERS

■CHARACTER FONTS

Size	Height (1 dot=0.15mm)	Width (1 dot=0.135mm)	Font	Default Justification	Max. characters per line
1	10	6	10x6	Left	54
2	14	7	14x7	Left	48
3	20	10	2010	Center	36
4	22	10	22x10	Center	36
5	24	14	24x14	Center	31
6	28	14	28x14	Center	27
7	30	15	30x15	Center	25
8	32	15	32x15	Center	25
9	34	16	34x16	Center	24
10	40	20	20x10x2	Center	19
11	56	28	56x28	Center	14
12	60	30	30x15x2	Center	13
13	80	40	20x10x4	Center	10
14	120	60	30x15x4	Center	7

Note 1: Font styles bold, italic, underline, and reverse are available for all font sizes.
2: All fonts support upper and lower case.
3: The above table may differ depending on country specification. Contact our ISHIDA's dealer for more information.
4: Maximum characters per line depend on the print area size. Values in the table are the reference values when the print area is 59 mm.

■WORD-WRAP FUNCTION

• When editing commodity names and extra messages, automatic carriage return is performed.
• Such automatic carriage return is executed when the cursor is at the furthermost right-handed side position of the character line to be registered.
• When the cursor reaches the maximum number of characters for one line, carriage return is made at the nearest space.
• When there is no space in the line, carriage return is executed as the line reaches the maximum number of characters.
• For the automatic carriage return, the default width of commodity name area is 58 mm.
• The default width of the commodity name area can be registered in the Setup Mode, at "b01 LABEL".

1 **[Text Edit Mode]**
Ensure that the machine is in Text Edit mode.

Example: Line counter 1, Character counter 1, Size 3

Line Character   Size

inP 1- 1 C - 3   0

TARE kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE $

■
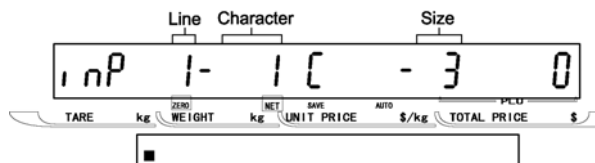
2 **[Character Size]**
Press the SIZE key, and the "SIZE" indicator will be lit.

Then, select the desired character size (1 to 14) by using [↑] or [↓] key.

Example: Change from Size 3 to Size 5
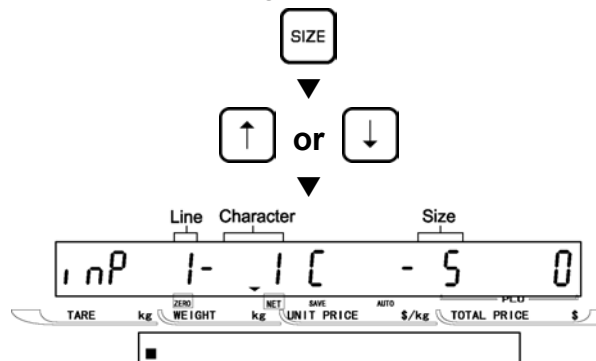
SIZE

▼

↑ or ↓

▼

Line Character   Size

inP 1- 1 C - 5   0

TARE kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE $

■

3 **[Left-justified/Centering]**
Select either left-justify the line or center by using [←] or [→] key.

Press the SIZE key to determine both size and line definitions. "SIZE" indicator will be eliminated.

← or →

▼

Example: Centering

inP 1- 1 C - 5   0

TARE kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE $

■

▼

Example: Left-justified

inP 1- 1 L - 5   0

TARE kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE $

■

▼
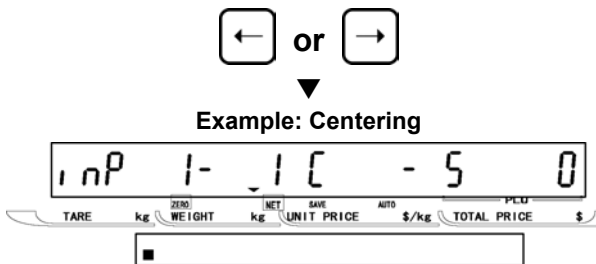
SIZE

4 **[Text on the First Line]**
Key in the desired characters on the first line.

Example: FILET MIGNON

F I L E T

▼

inP 1- 6 C - 5   0

TARE kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE $

FILET■

▼

SPACE M I G N O N

▼

inP 1- 13 C - 5   0

TARE kg ZERO WEIGHT kg NET SAVE UNIT PRICE AUTO $/kg TOTAL PRICE $

FILET MIGNON■

5 **[New Line]**
Press the NEW LINE key to proceed to
the next line.

```
[NEW LINE]
▼
inP 2-  1 [  - 5    0
TARE  kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
■
```

6 **[Character Size]**
Press the SIZE key, and the "SIZE"
indicator will be lit.

Then, select the desired character size (1
to 14) by using [↑] or [↓] key.

```
Example: Size 2
[SIZE]
▼
[↑]  or  [↓]
▼
inP 2-  1 [  - 2    0
TARE  kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
■
```
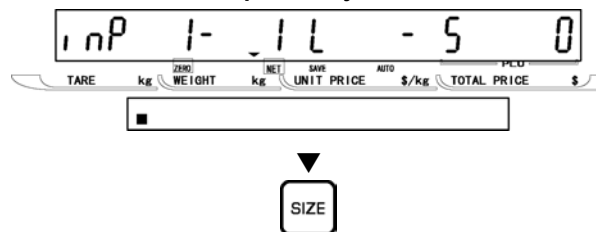
7 **[Left-justified/Centering]**
Select either left-justify the line or center
by using [←] or [→] key.

Press the SIZE key to determine both
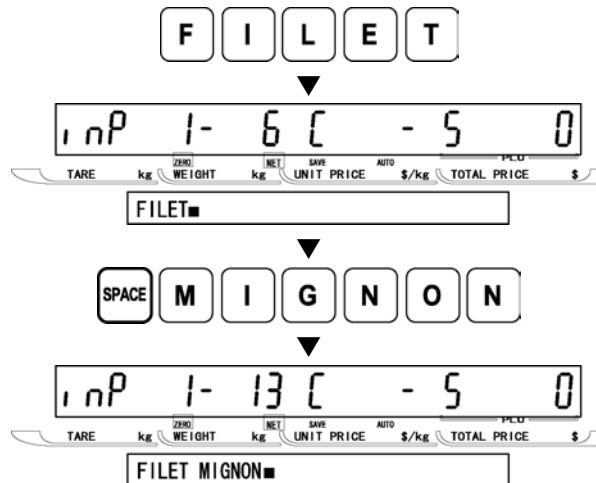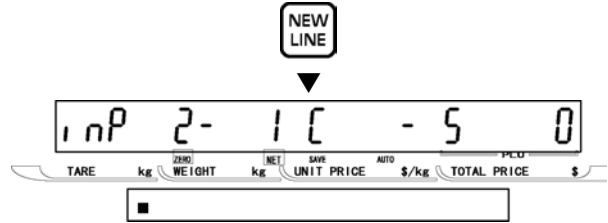size and line definitions. "SIZE" indicator
will be eliminated.

```
[←]  or  [→]
▼
Example: Centering
inP 2-  1 [  - 2    0
TARE  kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
■
▼
Example: Left-justified
inP 2-  1 L  - 2    0
TARE  kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
■
▼
[SIZE]
```
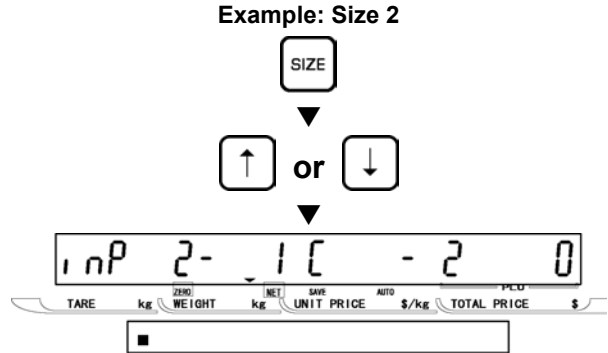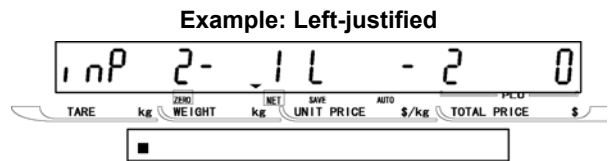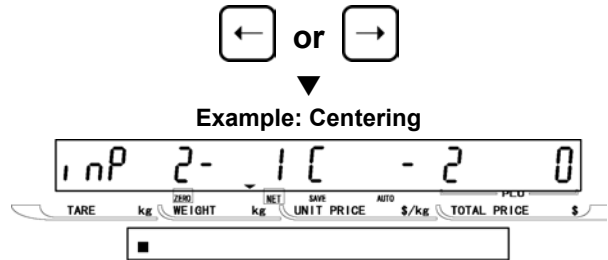
8 **Text on the New Line]**
Key in the desired characters on the new
line.

```
Example: ((BEEF))
[(<] [(<] [B] [E] [E] [F] [)>] [)>]
▼
inP 2-  9 [  - 2    0
TARE  kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
((BEEF))■
```
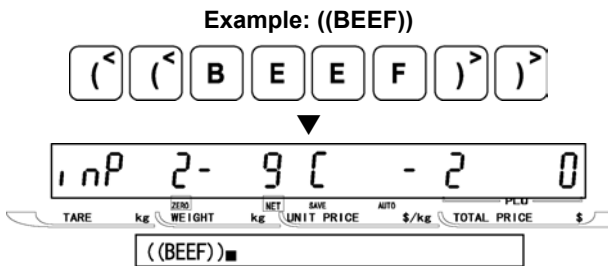
9 **[Repeat]**
Repeat steps 5 through 8 above for
more lines.

10 **[Completing Text Entry]**
In order to complete the text entry, press
the ENTER key.

Then the screen will return to the original
step (PXX-01) of Registration Mode.

```
[ENTER]
▼
P02-01 Edit        0
TARE  kg WEIGHT  kg UNIT PRICE  $/kg TOTAL PRICE  $
00000001*COMMODITY NAME   [ENTER]
```
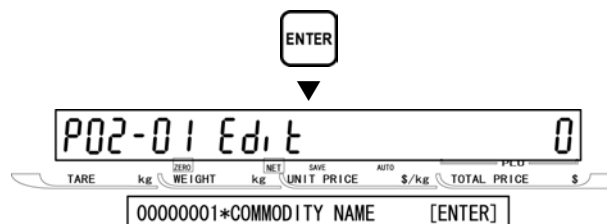
4.3 REVERSE/ITALIC/UNDERLINE/BOLD TEXT

1 **[Text Style]**
Press REVERSE, ITALIC, UNDERLINE, and/or BOLD keys to select text style, and the corresponding indicator will be lit.

Example: Reversing the text

REVERSE

▼

inP 1- 1 C - 5 0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

■
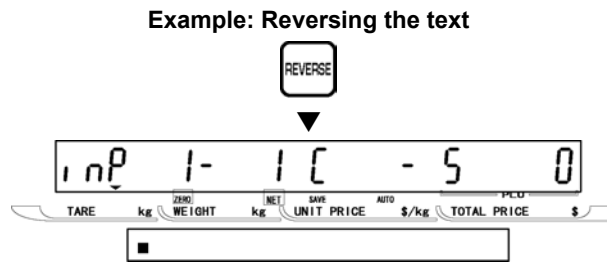
2 **[Key In Characters]**
Key in the desired characters on the current line.

Example: FILET MIGNON

F I L E T

▼

inP 1- 6 C - 5 0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FILET■

▼

SPACE M I G N O N

▼

inP 1- 13 C - 5 0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FILET MIGNON■
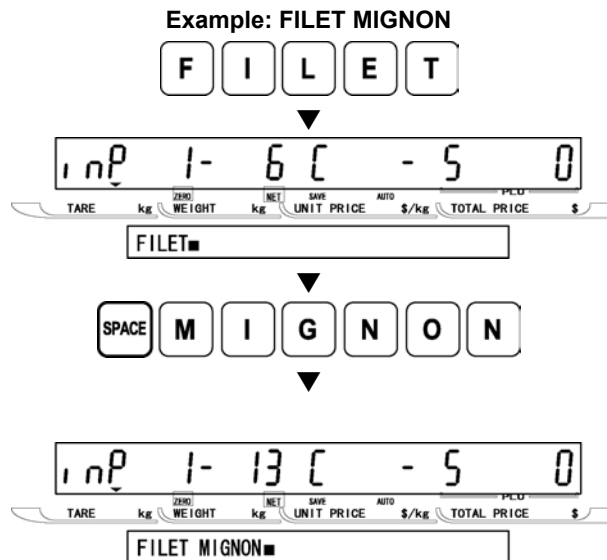
3 **[Return to Standard Text Style]**
Press the NORMAL or the REVERSE key again to return to standard text style.

REVERSE or NORMAL

FILET MIGNON   **Reverse**

FILET MIGNON   **Bold**

FILET MIGNON   **Italic**

FILET MIGNON   **Underline**
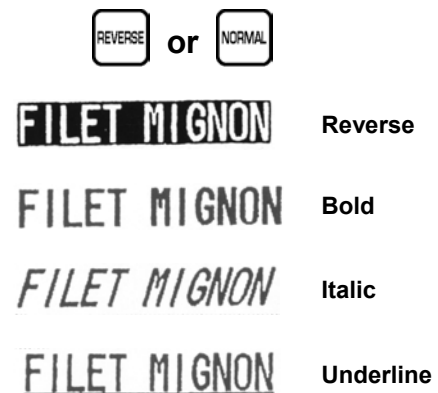
4.4 INSERT/OVERWRITE CHARACTERS

1 **[Mistaken Text]**
"FIET" instead of "FILET" was keyed-in by mistake.

Example: FIET

| F | I | E | T |

▼

inP 1- 5 C - 5 0

TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FIET■
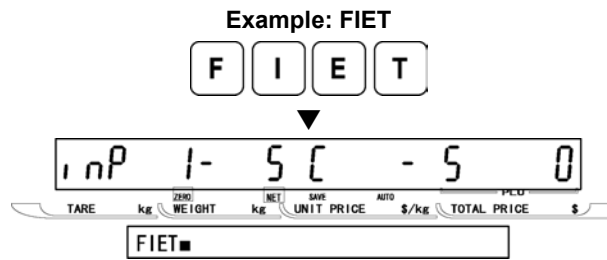
2 **[Insert/Overwrite Mode]**
When "INSERT" indicator is not lit, character overwrite can be performed.

When "INSERT" indicator is lit, character insertion can be performed.

To turn ON or OFF, press the INSERT key.

INSERT

▼

inP 1- 5 C - 5 0

TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FIET■
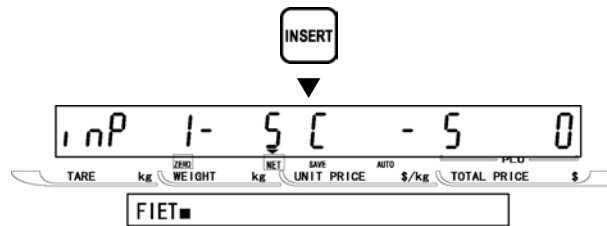
3 **[Correcting Character]**
Use [←] and [→] keys to move the cursor to the position where to be inserted or overwritten.

Then, key in the correct character.

| ← | ← |

▼

inP 1- 3 C - 5 0

TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

F■ET

▼

Example: "L" between "I" and "E

| L |

▼

inP 1- 4 C - 5 45

TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FIL■T

4

TEXT EDITING
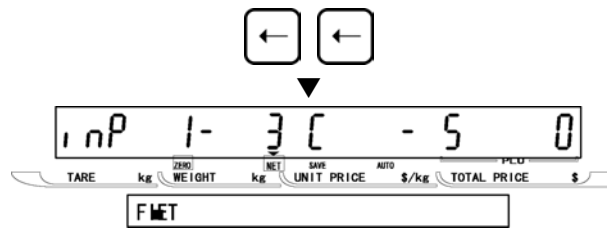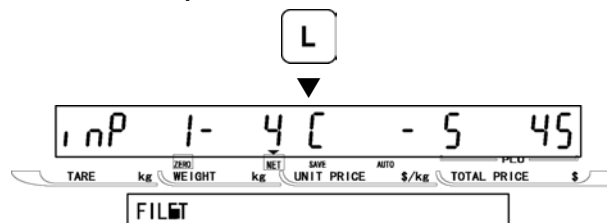
4.5 CHARACTER DELETE

1 **[Mistaken Text]**
"FILLET" instead of "FILET" was keyed-in by mistake.

Example: FILLET

F I L L E T

▼

inP	1-	7C	-	5	0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FILLET■
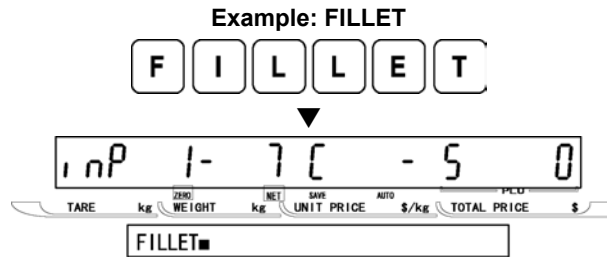
2 **[Correcting Character]**
Use [←] and [→] keys to move the cursor to the position where to be deleted.

← ← ←

▼

inP	1-	4C	-	5	4C

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FIL■ET
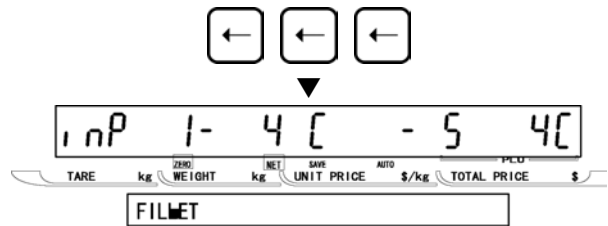
3 **[Character Deletion]**
Press the CHARACTER DELETE key.

Example: Delete "L"

CHAR DELETE

▼

inP	1-	4C	-	5	45

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FIL■T
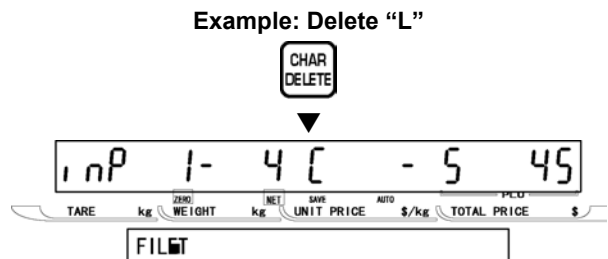
4.6   LINE DELETE

1 **[Displaying Screen]**
Display the desired screen to be deleted by using [↑] and [↓] keys.

```
inP  1-  1C  -  5    46
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

FILET MIGNON
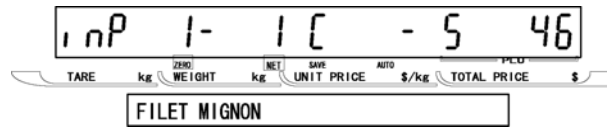
2 **[Line Deletion]**
Press the LINE DELETE key.

LINE DELETE

▼

```
inP  1-  1C  -  5    0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

■

4

TEXT EDITING
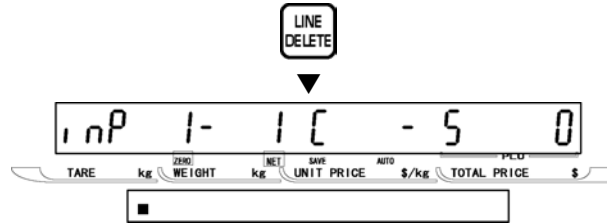
TOTAL MODE

5.1 TOTAL MODE ENTRY/EXIT

Total Mode operations (F00) are usually performed at the end of the working day to check the processed data in that day. When performing these operations, use the Program Keysheet located underneath the Operation Keysheet.

•TOTAL MODE ENTRY

1 **[Entering Total Mode]**
Key in the password (Default value: "8000") and press the MODE key to access Total Mode screen.

$$ 8 \quad 0 \quad 0 \quad 0 \rightarrow \text{MODE} $$

▼

```
F00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

*TOTAL MODE   PRESS [↓] KEY
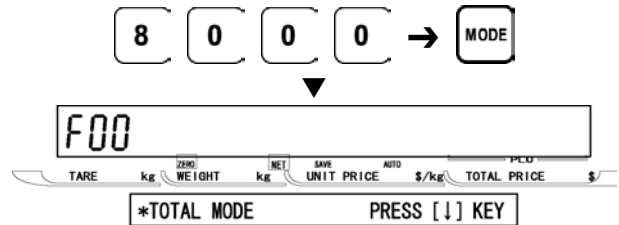
2 **[Desired Menu Access]**
Repeat pressing the [•] key until the desired menu screen appears on the display.

Or, key in the menu number and press the [•] key to access directly to the desired menu.

Example: Access to "F02"

↓ ↓

or

2 → ↓

▼

```
F02 YEEKLY              0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

2 WEEKLY TOTAL   [ENTER]
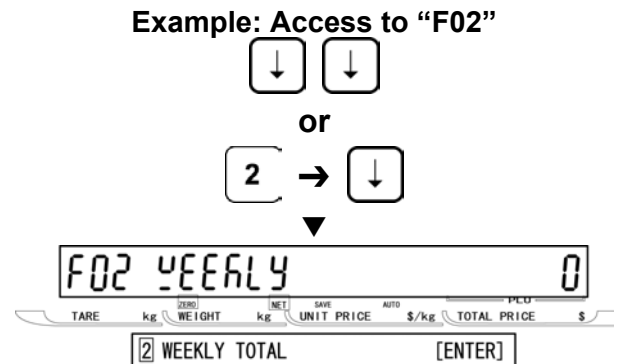
•TOTAL MODE EXIT

1 **[Exiting Total Mode]**
Press the MODE key to exit Total Mode. Then, Key In Item No. screen appears
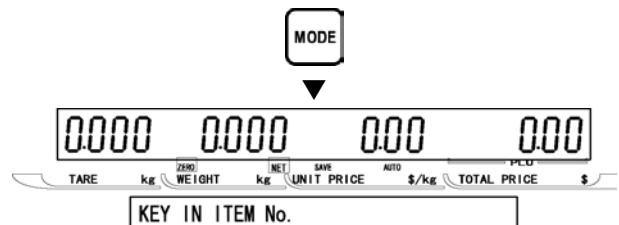
MODE

▼

```
0.000    0.000    0.00      0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F0 1  dR, L Y                    0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
1 DAILY TOTAL            [ENTER]
```

2 **[Daily Sales Total]**
Press the ENTER key to access Daily Sales Total screen.

Then, press the PRINT key to issue the daily sales total label.

- Printing starts from the first PLU number with total data.
- To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

```
ENTER
▼
F0 1-0 1  d  SRLES               0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
1 DAILY SALES TOTAL     [PRINT]
▼
PRINT
```

3 **[Daily Item Total]**
Press the [↓] key to proceed to Daily Item Total screen.

Then, press the PRINT key to issue the daily item total label.

```
↓
▼
F0 1-02  d , tE n                0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
2 DAILY ITEM TOTAL      [PRINT]
▼
PRINT
```

4 **[Daily Department Item Total]**
Press the [↓] key to proceed to Daily Department Item Total screen.

Then, press the PRINT key to issue the daily department item total label.

```
↓
▼
F0 1-03  d  dEPt ,               0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
3 DAILY DEPT. ITEM TTL  [PRINT]
▼
PRINT
```

5

TOTAL MODE
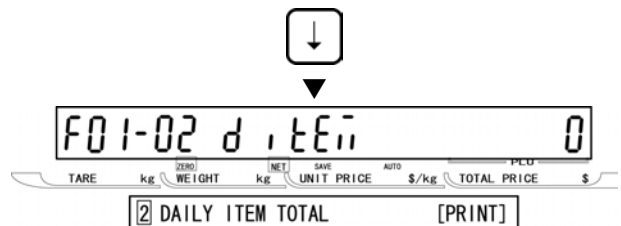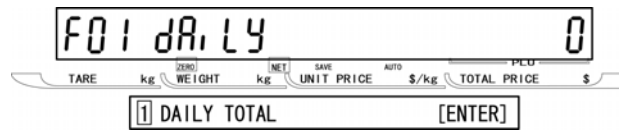
5 **[Daily Group Item Total]**
Press the [↓] key to proceed to Daily
Group Item Total screen.

Then, press the PRINT key to issue the
daily group item total label.

[↓]
▼
```
F01-04 d GroUi          0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
4 DAILY GROUP ITEM TTL   [PRINT]
▼
PRINT
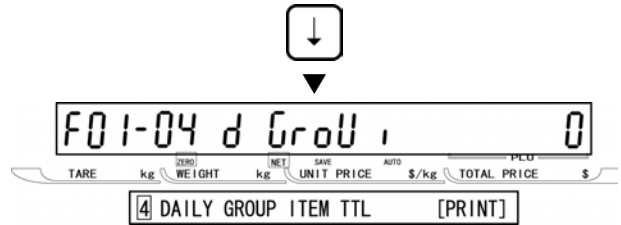
6 **[Daily Designated Total]**
Press the [↓] key to proceed to Daily
Designated Total screen.

Then, press the PRINT key to issue the
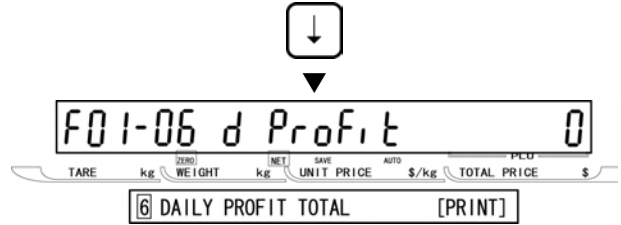daily designated total label.

*Note: When specifying the PLU number, key in
the PLU number, press the ENTER key,
and press the PRINT key.*

[↓]
▼
```
F01-05 d dSn            0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
5 DAILY DSN. TOTAL   [PRINT]
▼
PRINT
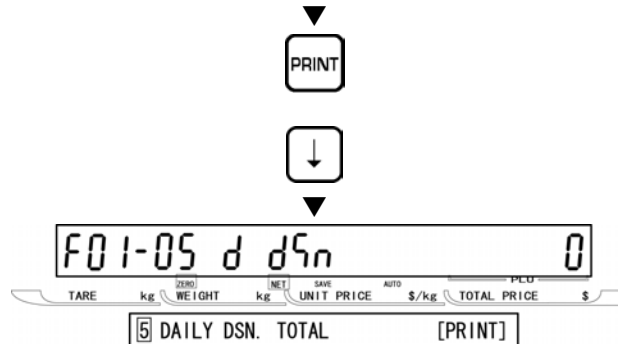
7 **[Daily Profit Total]**
Press the [↓] key to proceed to Daily Profit
Total screen.

Then, press the PRINT key to issue the
daily profit total label.

[↓]
▼
```
F01-06 d ProFit         0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
6 DAILY PROFIT TOTAL   [PRINT]
▼
PRINT

8 **[Daily Department Total]**
Press the [↓] key to proceed to Daily
Department Total screen.

Then, press the PRINT key to issue the
daily department total label.

[↓]
▼
```
F01-07 d dEPAr          0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
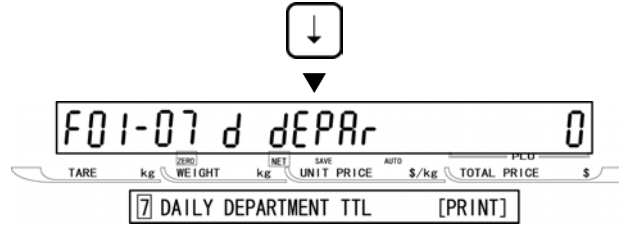7 DAILY DEPARTMENT TTL   [PRINT]
▼
PRINT

9 **[Daily Group Total]**
Press the [↓] key to proceed to Daily
Group Total screen.

Then, press the PRINT key to issue the
daily group total label.

[↓]
▼
```
F01-08 d GroUP          0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
8 DAILY GROUP TOTAL   [PRINT]
▼
PRINT

10 [Return to F01]
Press the END key to return to the F01 screen.

.

END

▼

```
F01 dAiLY              0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

1 DAILY TOTAL   [ENTER]

11 [Exiting Total Mode]
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000     0.00      0.00
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

KEY IN ITEM No.

5

TOTAL MODE

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dAILY                    0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 DAILY TOTAL              [ENTER]
```
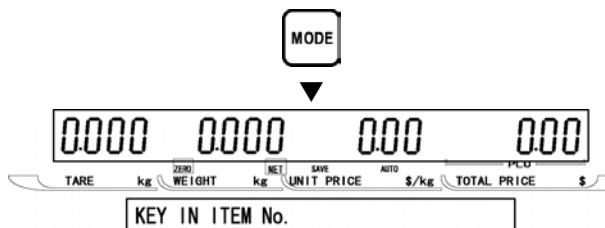
2 **[Weekly Total]**
Press the [↓] key to proceed to Weekly Total (F02) menu.

```
↓
▼
F02 YEERLY                   0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 WEEKLY TOTAL             [ENTER]
```

3 **[Weekly Sales Total]**
Press the ENTER key to access Weekly Sales Total screen.

Then, press the PRINT key to issue the weekly sales total label.

- Printing starts from the first PLU number with total data.
- To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

```
ENTER
▼
F02-01 Y SALES               0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 WEEKLY SALES TOTAL       [PRINT]
▼
PRINT
```

4 **[Weekly Item Total]**
Press the [↓] key to proceed to Weekly Item Total screen.

Then, press the PRINT key to issue the weekly item total label.

```
↓
▼
F02-02 Y itEm                0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 WEEKLY ITEM TOTAL        [PRINT]
▼
PRINT
```
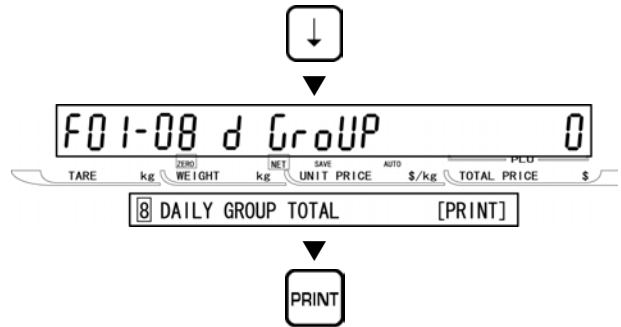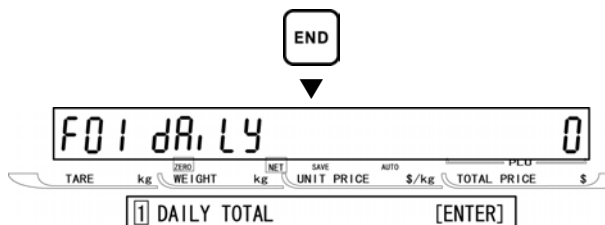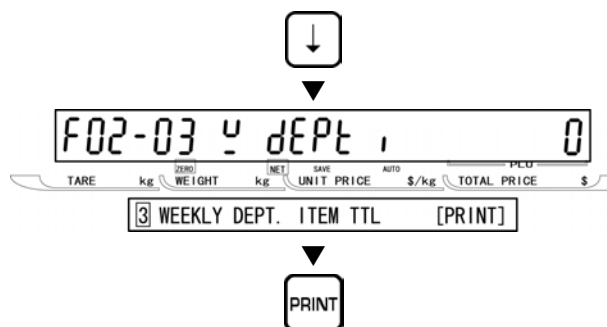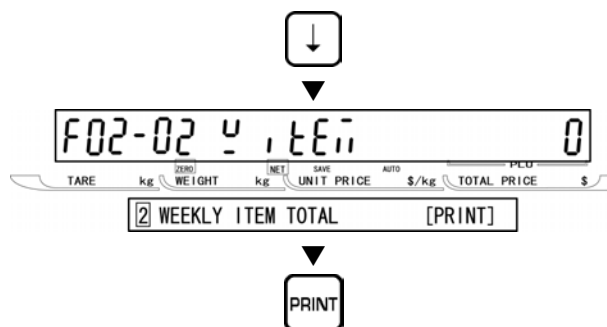
5 **[Weekly Department Item Total]**
Press the [↓] key to proceed to Weekly Department Item Total screen.

Then, press the PRINT key to issue the weekly department item total label.

```
↓
▼
F02-03 Y dEPt i              0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
3 WEEKLY DEPT. ITEM TTL    [PRINT]
▼
PRINT
```
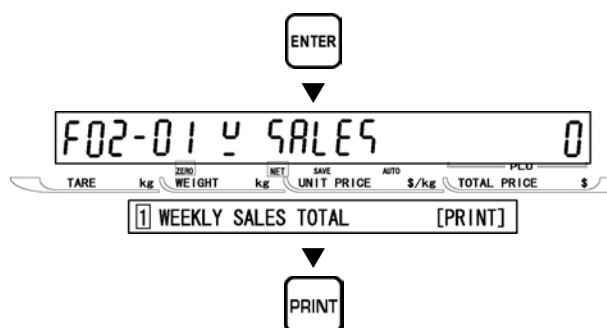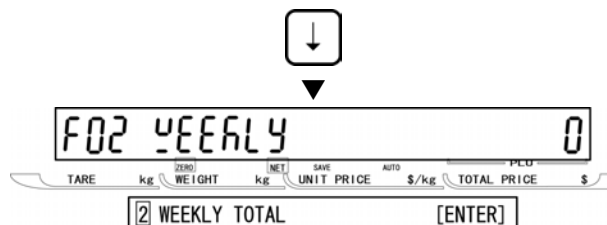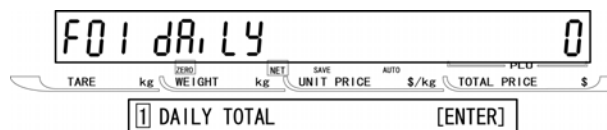
6 **[Weekly Group Item Total]**
Press the [↓] key to move Weekly Group
Item Total screen.

Then, press the PRINT key to issue the
weekly group item total label.

```
F02-04  Y  GroU ı          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
4 WEEKLY GROUP ITEM TOTAL    [PRINT]
```

7 **[Weekly Designated Total]**
Press the [↓] key to proceed to Weekly
Designated Total screen.

Then, press the PRINT key to issue the
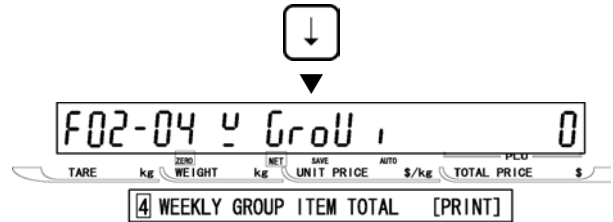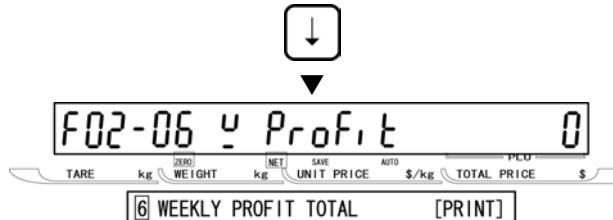weekly designated total label.

*Note: When specifying the PLU number, key in
the PLU number, press the ENTER key,
and press the PRINT key.*

```
F02-05  Y  dSn            0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
5 WEEKLY DSN. TOTAL       [PRINT]
```
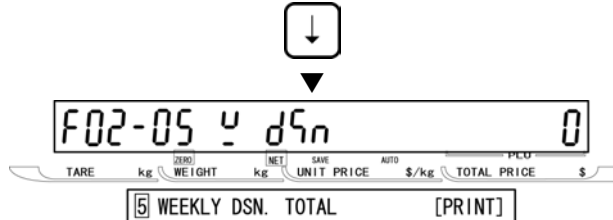
8 **[Weekly Profit Total]**
Press the [↓] key to move Weekly Profit
Total screen.

Then, press the PRINT key to issue the
weekly profit total label.

```
F02-06  Y  ProFıt         0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
6 WEEKLY PROFIT TOTAL     [PRINT]
```

9 **[Weekly Department Total]**
Press the [↓] key to proceed to Weekly
Department Total screen.

Then, press the PRINT key to issue the
weekly department total label.

```
F02-07  Y  dEPAr          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
7 WEEKLY DEPARTMENT TTL   [PRINT]
```
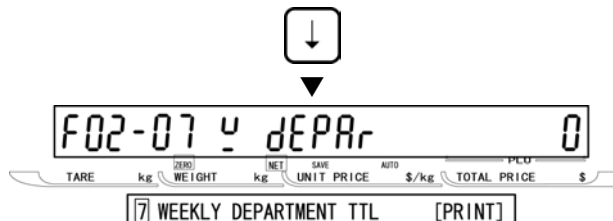
10 **[Weekly Group Total]**
Press the [↓] key to proceed to Weekly
Group Total screen.

Then, press the PRINT key to issue the
weekly group total label.
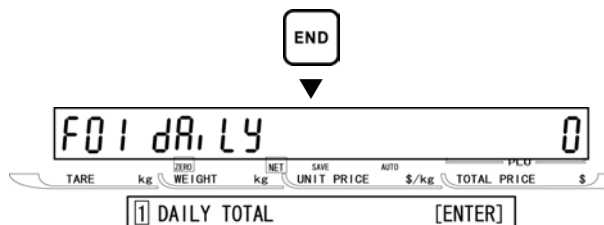
```
F02-08  Y  GroUP          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
8 WEEKLY GROUP TOTAL      [PRINT]
```

5

TOTAL MODE

11 [Return to F01]
Press the END key to return to the F01 screen.

.

END

▼

```
F01 dAiLY              0
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 DAILY TOTAL   [ENTER]

12 [Exiting Total Mode]
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000    0.00    0.00
```
TARE kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dR,LY                0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 DAILY TOTAL              [ENTER]
```
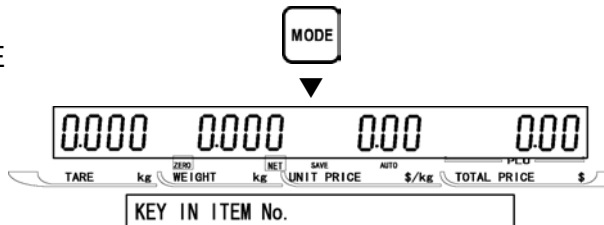
2 **[Monthly Total]**
Repeat pressing the [↓] key twice, or key in "3" and press the [↓] key to access directly to Monthly Total screen (F03).

[↓] [↓]
or
3 → [↓]
▼

```
F03 nontHLY              0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
3 MONTHLY TOTAL           [ENTER]
```

3 **[Monthly Sales Total]**
Press the ENTER key to access Monthly Sales Total screen.

Then, press the PRINT key to issue the monthly sales total label.

- Printing starts from the first PLU number with total data.
- To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

ENTER

```
F03-01 n SALES           0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 MONTHLY SALES TOTAL      [PRINT]
```
▼
PRINT
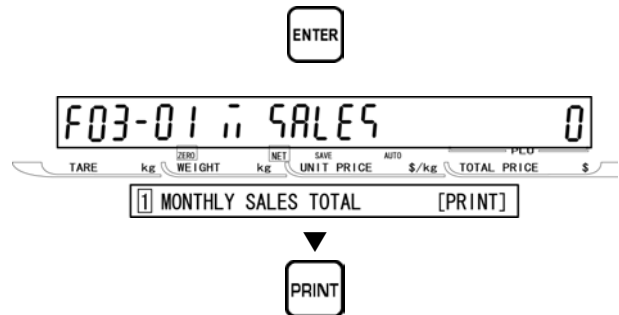
4 **[Monthly Item Total]**
Press the [↓] key to proceed to Monthly Item Total screen.

Then, press the PRINT key to issue the monthly item total label.

[↓]
▼

```
F03-02 n , tEn           0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
2 MONTHLY ITEM TOTAL       [PRINT]
```
▼
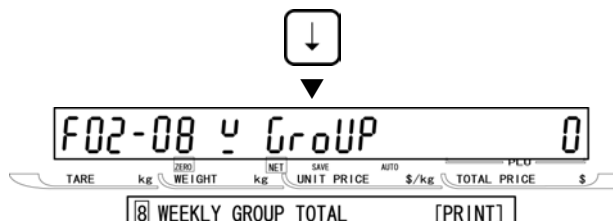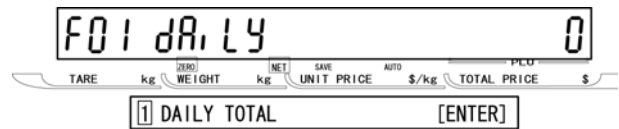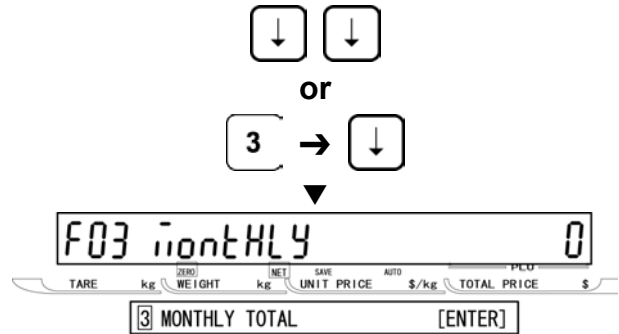PRINT
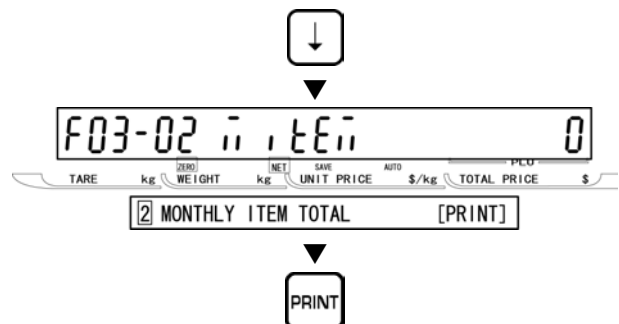
5

TOTAL MODE

5 **[Monthly Department Item Total]**
Press the [↓] key to proceed to Monthly Department Item Total screen.

Then, press the PRINT key to issue the monthly department item total label.

[↓]
▼

```
F03-03 ii dEPt i          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
3 MONTHLY DEPT. ITEM TTL   [PRINT]
▼
PRINT

6 **[Monthly Group Item Total]**
Press the [↓] key to proceed to Monthly Group Item Total screen.

Then, press the PRINT key to issue the monthly group item total label.

[↓]
▼

```
F03-04 ii GroU i          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
4 MONTHLY GROUP ITEM TTL   [PRINT]
▼
PRINT

7 **[Monthly Designated Total]**
Press the [↓] key to proceed to Monthly Designated Total screen.

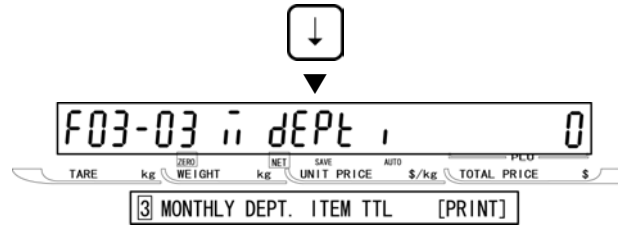Then, press the PRINT key to issue the monthly designated total label.

Note: When specifying the PLU number, key in the PLU number, press the ENTER key, and press the PRINT key.

[↓]
▼

```
F03-05 ii dSn             0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
5 MONTHLY DSN. TOTAL   [PRINT]
▼
PRINT
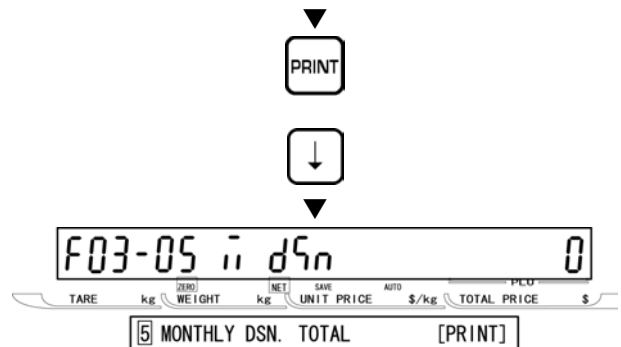
8 **[Monthly Profit Total]**
Press the [↓] key to proceed to Monthly Profit Total screen.

Then, press the PRINT key to issue the monthly profit total label.
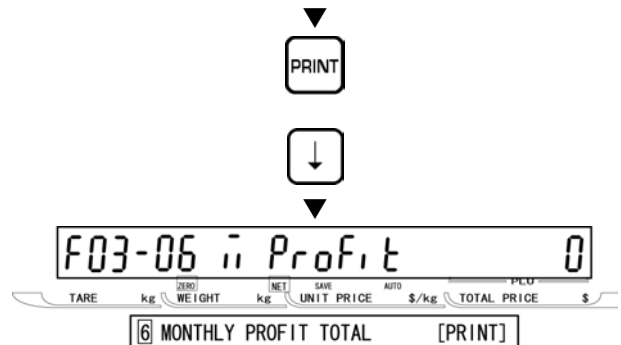
[↓]
▼

```
F03-06 ii ProFit          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
6 MONTHLY PROFIT TOTAL   [PRINT]
▼
PRINT

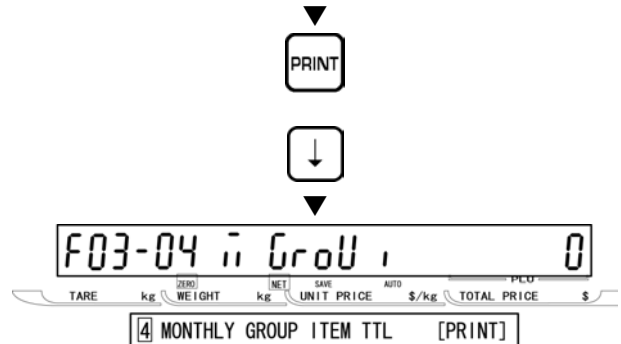**9** **[Monthly Department Total]**
Press the [↓] key to proceed to Monthly Department Total screen.

Then, press the PRINT key to issue the monthly department total label.

[↓]
▼

```
F03-07 ii dEPAr           0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
```
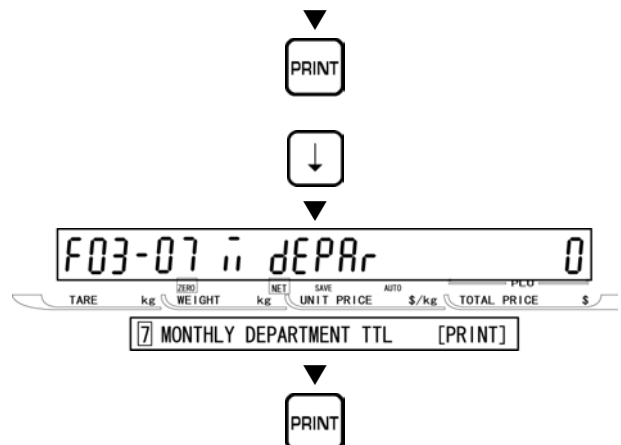7 MONTHLY DEPARTMENT TTL   [PRINT]
▼
PRINT

10 **[Monthly Group Total]**
Press the [↓] key to proceed to Monthly Group Total screen.

Then, press the PRINT key to issue the monthly group total label.

```
F03-08 m GroUP        0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
8 MONTHLY GROUP TOTAL    [PRINT]
```
▼
[PRINT]

11 **[Return to F01]**
Press the END key to return to the F01 screen.

[END]
▼
```
F01 dAiLY            0
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
1 DAILY TOTAL           [ENTER]
```

12 **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

[MODE]
▼
```
0.000    0.000    0.00    0.00
TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
KEY IN ITEM No.
```

5
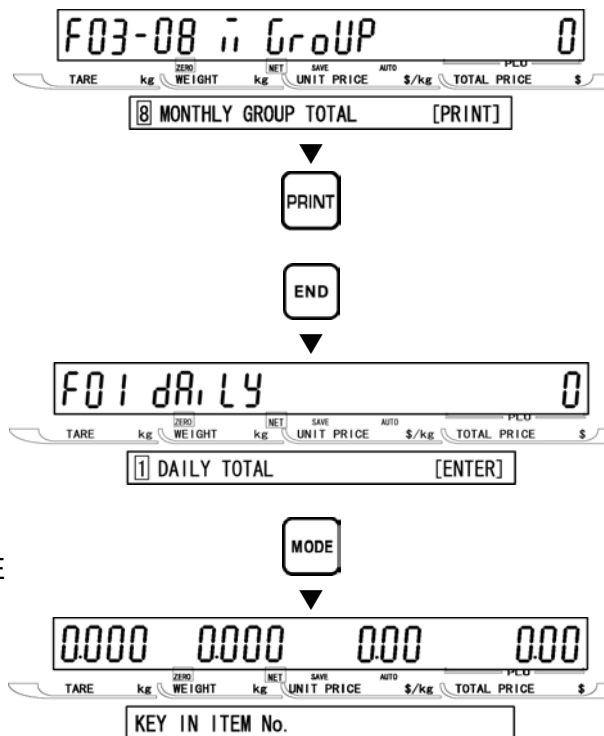
TOTAL MODE

5.5 HOURLY TOTAL (F04)

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dA,LY              0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

① DAILY TOTAL   [ENTER]

2 **[Hourly Total]**
Press the [↓] key three times, or key in "4" and press the [↓] key to access directly to Hourly Total screen (F04).

[↓] [↓] [↓]

or

[4] → [↓]

▼

```
F04 HoUrLY             0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

④ HOURLY TOTAL   [ENTER]

3 **[Hourly Total Print]**
Press ENTER key to proceed to Hourly Total Print screen (F04-01).

Then, press the PRINT key to issue the hourly total label.

- Printing starts from the first PLU number with total data.
- To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

[ENTER]

▼

```
F04-01 HoUrLY          0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

① HOURLY TOTAL PRINT   [PRINT]

▼

[PRINT]

4 **[Return to F01]**
Press the END key to return to the F01 screen.

[END]

▼

```
F01 dA,LY              0
```
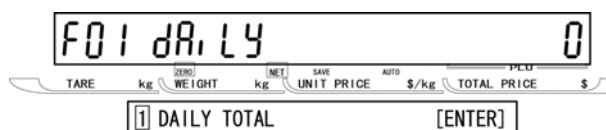TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

① DAILY TOTAL   [ENTER]

5 **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

[MODE]

▼

```
0.000    0.000    0.00    0.00
```
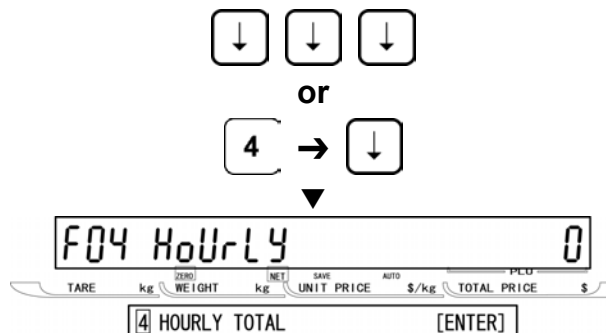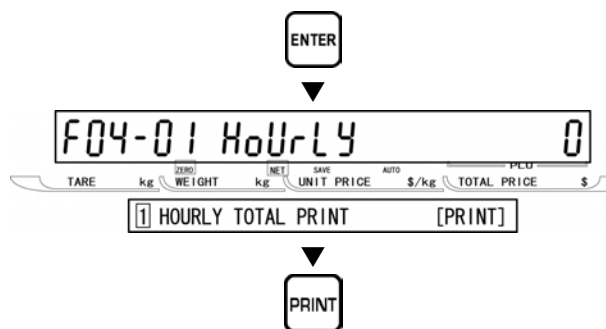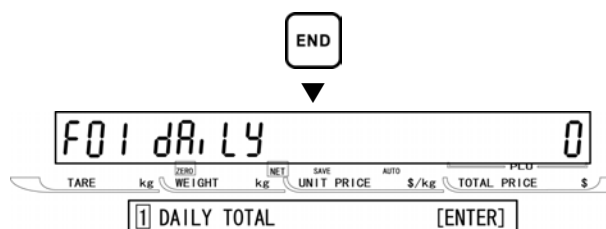TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

KEY IN ITEM No.

5.6 OPERATOR TOTAL (F05)

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
FO1 dAiLY                0
  TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
  1 DAILY TOTAL              [ENTER]
```

2 **[Operator Total]**
Press the [↓] key four times, or key in "5" and press the [↓] key to access directly to Operator Total Print screen (F05).

↓ ↓ ↓ ↓

or

5 → ↓

▼

```
FO5 oPErAtor             0
  TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
  5 OPERATOR  TOTAL         [ENTER]
```

3 **[Operator Total Print]**
Press ENTER key to proceed to Operator Total Print screen (F05-01).

Then, press the PRINT key to issue the hourly total label.

- Printing starts from the first PLU number with total data.
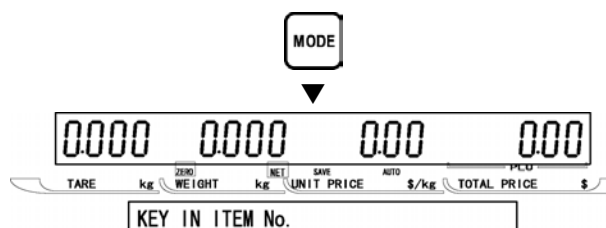- To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

ENTER

▼

```
FO5-01 oPErAtor          0
  TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
  1 OPERATOR  TOTAL  PRINT    [PRINT]
```

▼

PRINT

4 **[Return to F01]**
Press the END key to return to the F01 screen.

END

▼

```
FO1 dAiLY                0
  TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
  1 DAILY TOTAL              [ENTER]
```

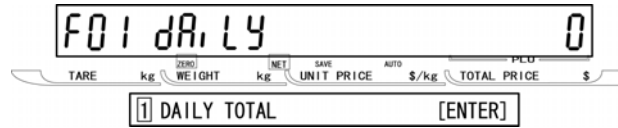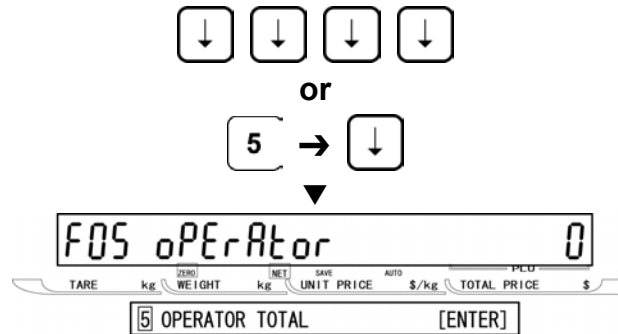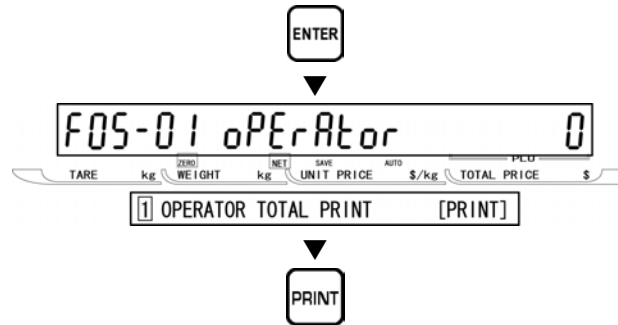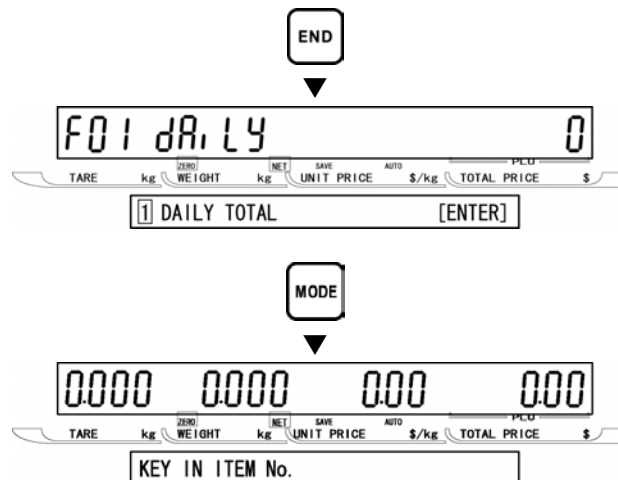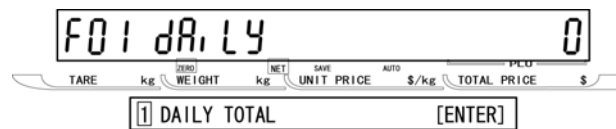**5** **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000    0.00     0.00
  TARE   kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
  KEY IN ITEM No.
```

5

TOTAL MODE

5.7 PERIODICAL TOTAL (F06)

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dAiLY                    0
TARE   kg   WEIGHT   kg   UNIT PRICE   $/kg   TOTAL PRICE   $
```
```
1 DAILY TOTAL              [ENTER]
```

2 **[Periodical Total]**
Press the [↓] key five times, or key in "6" and press the [↓] key to access directly to Periodical Total screen (F06).

```
↓  ↓  ↓  ↓  ↓
```
or
```
6  →  ↓
```
▼
```
F06 PEriod                   0
TARE   kg   WEIGHT   kg   UNIT PRICE   $/kg   TOTAL PRICE   $
```
```
6 PERIODICAL TOTAL         [ENTER]
```
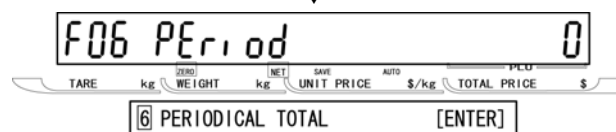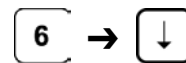
3 **[Periodical Total Print]**
Press ENTER key to proceed to Periodical Total Print screen (F06-01).

Then, press the PRINT key to issue the hourly total label.

• Printing starts from the first PLU number with total data.
• To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

```
ENTER
```
▼
```
F06-01 PEriod                0
TARE   kg   WEIGHT   kg   UNIT PRICE   $/kg   TOTAL PRICE   $
```
```
1 PERIODICAL TOTAL PRINT   [PRINT]
```
▼
```
PRINT
```

4 **[Return to F01]**
Press the END key to return to the F01 screen.

```
END
```
▼
```
F01 dAiLY                    0
TARE   kg   WEIGHT   kg   UNIT PRICE   $/kg   TOTAL PRICE   $
```
```
1 DAILY TOTAL              [ENTER]
```

5 **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

```
MODE
```
▼
```
0.000   0.000     0.00        0.00
TARE   kg   WEIGHT   kg   UNIT PRICE   $/kg   TOTAL PRICE   $
```
```
KEY IN ITEM No.
```

5.8 ERROR TOTAL (F07)

1 **[F01 Screen]**
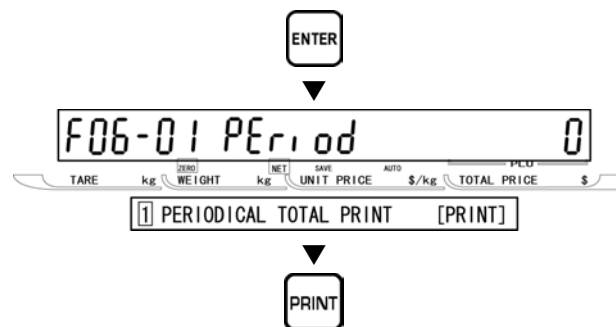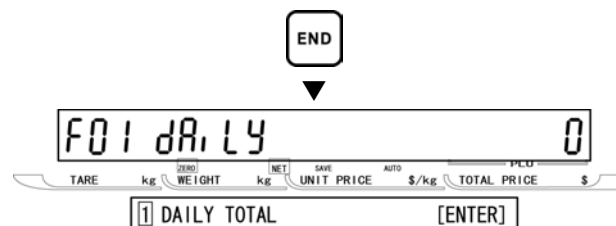Make sure that Daily Total screen (F01) appears on the display.
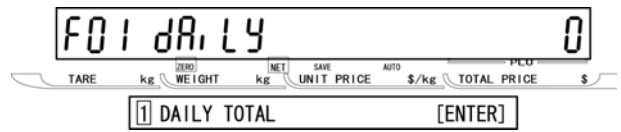
Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dA,LY                    0
  TARE    kg  WEIGHT   kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  1 DAILY TOTAL              [ENTER]
```

2 **[Error Total]**
Press the [↓] key six times, or key in "7" and press the [↓] key to access directly to Error Total screen (F07).

```
↓  ↓  ↓  ↓  ↓  ↓
        or
7  →  ↓
```

```
F07 Error                    0
  TARE    kg  WEIGHT   kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  7 ERROR TOTAL              [ENTER]
```

3 **[Periodical Total Print]**
Press ENTER key to proceed to Error Total Print screen (F07-01).

Then, press the PRINT key to issue the hourly total label.

- Printing starts from the first PLU number with total data.
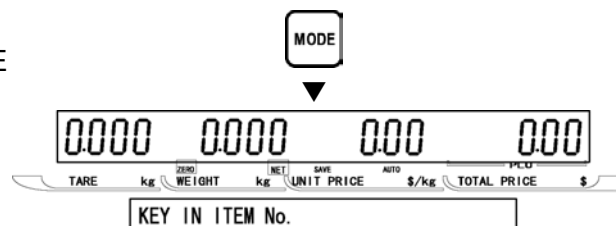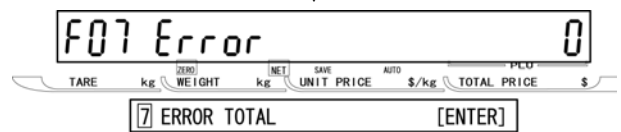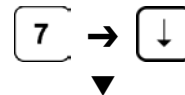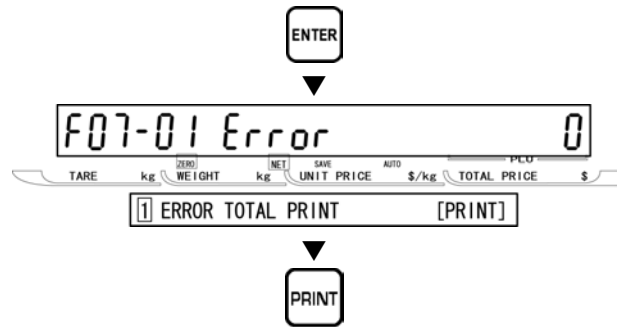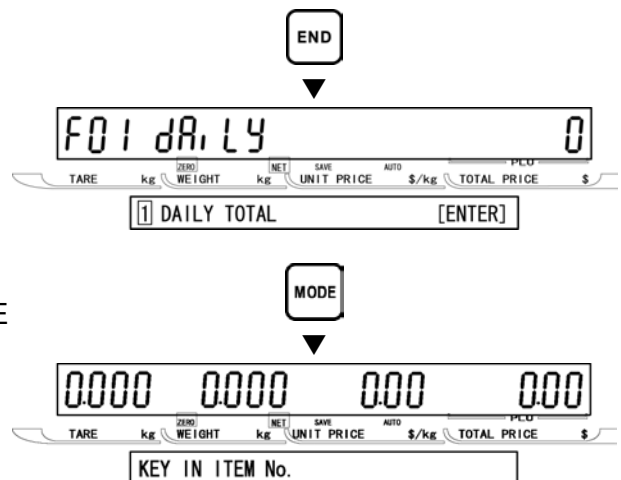- To stop printing before completion, press the ZERO key.

Note: If the Total Report on labels contains many items, do not thread paper on to the winding bobbin. Allow labels to remain on backing paper.

```
ENTER
```

```
F07-01 Error                 0
  TARE    kg  WEIGHT   kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  1 ERROR TOTAL PRINT        [PRINT]
```

```
PRINT
```

4 **[Return to F01]**
Press the END key to return to the F01 screen.

```
END
```

```
F01 dA,LY                    0
  TARE    kg  WEIGHT   kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  1 DAILY TOTAL              [ENTER]
```

5 **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

```
MODE
```

```
0.000    0.000      0.00        0.00
  TARE    kg  WEIGHT   kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  KEY IN ITEM No.
```
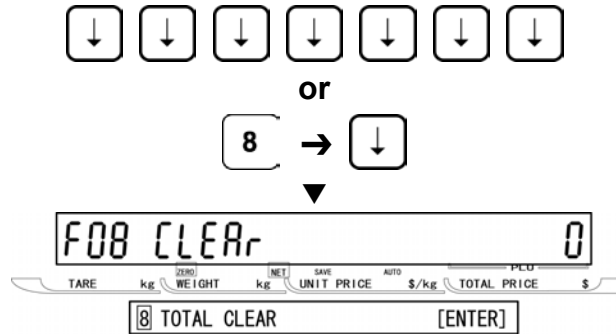
5

TOTAL MODE

5.9 TOTAL CLEAR (F08)

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.
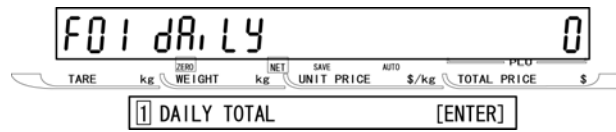
Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dAiLY              0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

1 DAILY TOTAL   [ENTER]

2 **[Total Clear]**
Press the [↓] key seven times, or key in "9" and press the [↓] key to access directly to Total Clear screen (F08).

↓ ↓ ↓ ↓ ↓ ↓ ↓

or

8 → ↓

▼

```
F08 CLEAr              0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
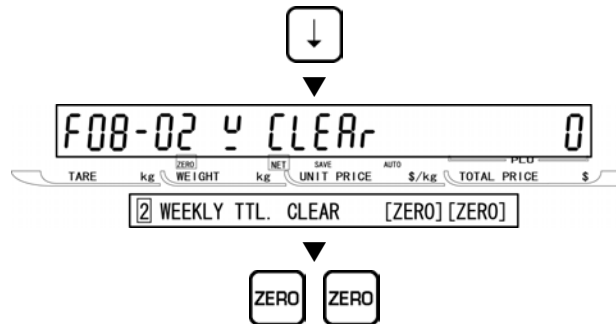
8 TOTAL CLEAR   [ENTER]

3 **[Daily Total Clear]**
Press the [↓] key to proceed to Daily Total Clear screen (F08-01).

Then, press the ZERO key twice to clear the daily total.

ENTER

▼

```
F08-01 d CLEAr         0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $
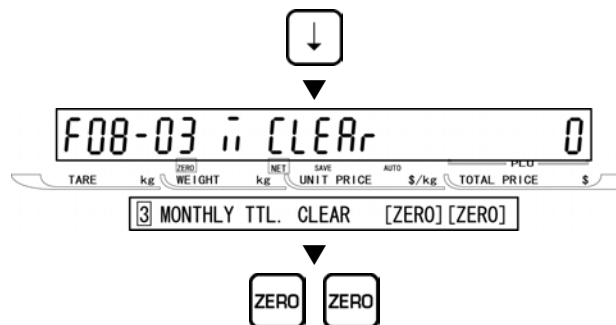
1 DAILY TTL. CLEAR   [ZERO] [ZERO]

▼

ZERO ZERO
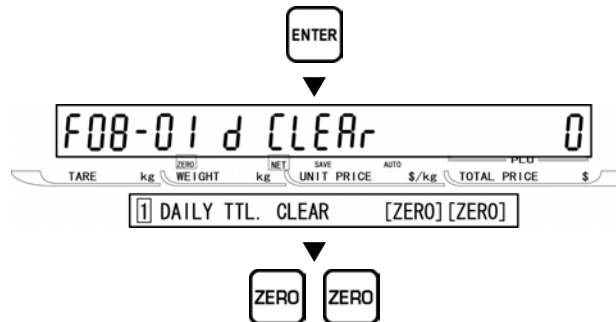
4 **[Weekly Total Clear]**
Press the [↓] key to proceed to Weekly Total Clear screen (F08-02).

Then, press the ZERO key twice to clear the weekly total.

↓

▼

```
F08-02 Y CLEAr         0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

2 WEEKLY TTL. CLEAR   [ZERO] [ZERO]

▼

ZERO ZERO

5 **[Monthly Total Clear]**
Press the [↓] key to proceed to Monthly Total Clear screen (F08-03).

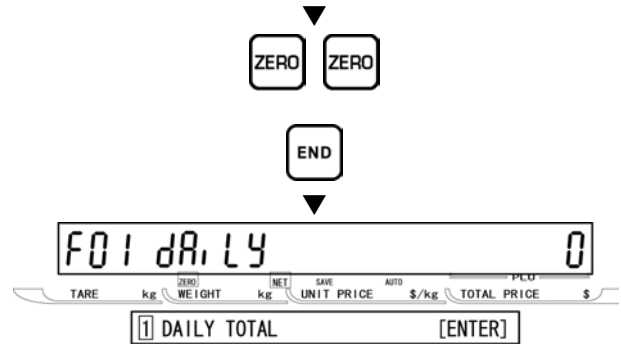Then, press the ZERO key twice to clear the monthly total.

↓

▼

```
F08-03 n CLEAr         0
```
TARE   kg   WEIGHT   kg   UNIT PRICE $/kg   TOTAL PRICE $

3 MONTHLY TTL. CLEAR   [ZERO] [ZERO]

▼

ZERO ZERO

6 **[All Total Clear]**
Press the [↓] key to proceed to All Total
Clear screen (F08-04).

Then, press the ZERO key twice to clear
all totals.

$$\boxed{\downarrow}$$

▼

```
F08-04 ALL CLEAr        0
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

④ ALL TTL. CLEAR   [ZERO] [ZERO]

▼

ZERO   ZERO

7 **[Return to F01]**
Press the END key to return to the F01
screen.

END

▼

```
F01 dAiLY              0
```
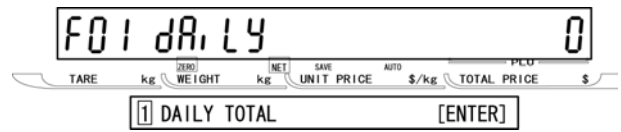TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

① DAILY TOTAL   [ENTER]

8 **[Exiting Total Mode]**
In order to exit Total Mode, press the
MODE key. Then, Key In Item No. screen
appears.

MODE

▼

```
0.000   0.000    0.00      0.00
```
TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

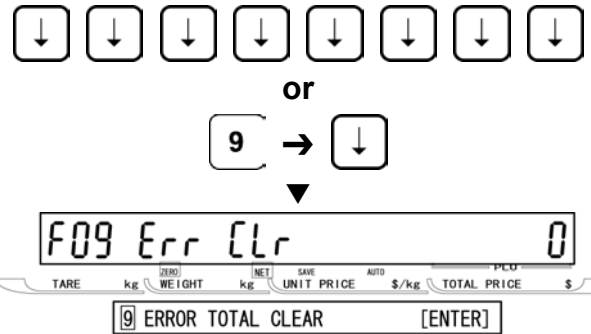KEY IN ITEM No.

5
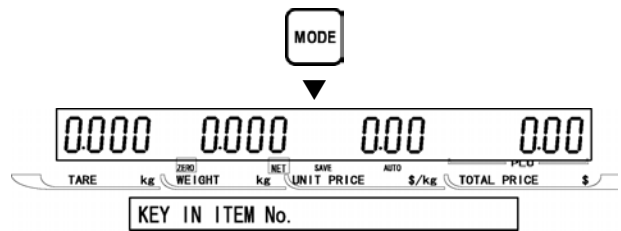
TOTAL MODE

5.10 ERROR TOTAL CLEAR (F09)

1 **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise, access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dAiLY                          0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
[1] DAILY TOTAL                [ENTER]
```

2 **[Error Total Clear]**
Press the [↓] key eight times, or key in "9" and press the [↓] key to access directly to Error Total Clear screen (F09).

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

or

9 → ↓

▼

```
F09 Err CLr                        0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
[9] ERROR TOTAL CLEAR          [ENTER]
```
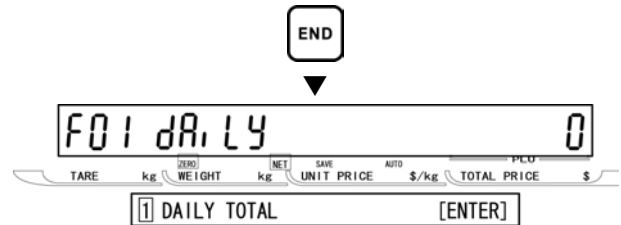
3 **[Error Total Clear]**
Press the ENTER key to proceed to Error Total Clear menu (F09-01).

Then, press the ZERO key twice to clear the error total.
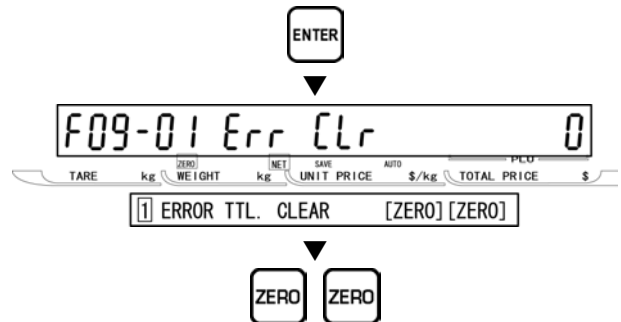
ENTER

▼

```
F09-01 Err CLr                     0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
[1] ERROR TTL. CLEAR    [ZERO] [ZERO]
```

▼

ZERO ZERO

4 **[Return to F01]**
Press the END key to return to the F01 screen.

END

▼

```
F01 dAiLY                          0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
[1] DAILY TOTAL                [ENTER]
```

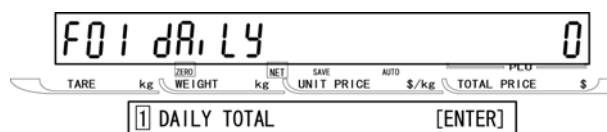**5** **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

MODE

▼

```
0.000    0.000    0.00     0.00
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE  $
KEY IN ITEM No.
```

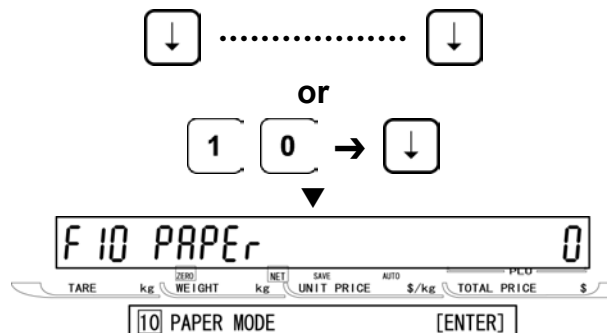**1** **[F01 Screen]**
Make sure that Daily Total screen (F01) appears on the display.

Otherwise access this screen by referring to Section 5.1: Total Mode Entry/Exit.

```
F01 dA,LY              0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
1 DAILY TOTAL              [ENTER]
```
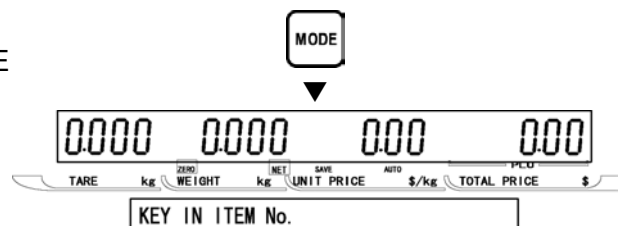
2 **[Paper Mode]**
Press the [↓] key nine times, or key in "10" and press the [↓] key to access directly to Paper Mode screen (F10).

```
↓  ················  ↓
        or
1  0  →  ↓
```

```
F 10 PAPEr             0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
10 PAPER MODE              [ENTER]
```
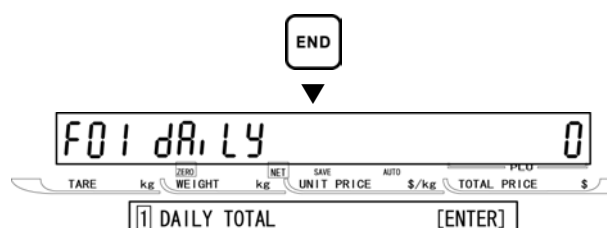
3 **[Paper Select]**
Press the ENTER key to proceed to Paper Select menu (F10-01).

Then, key in the selection data to select either Label Paper or Roll Paper, and press the ENTER key.
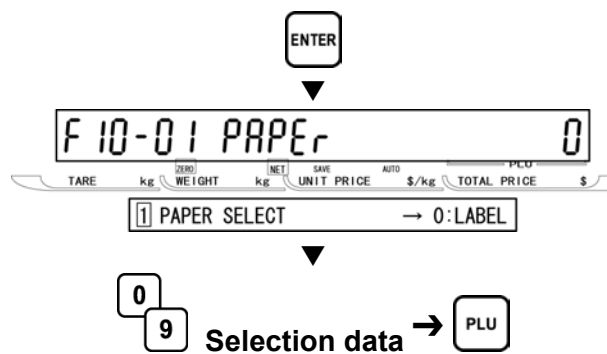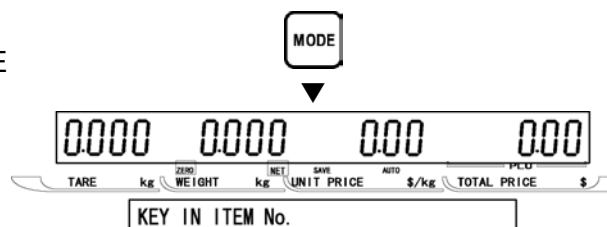
Selection data
0: Label paper
1: Roll paper

```
ENTER
▼
F 10-01 PAPEr          0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
1 PAPER SELECT        → 0:LABEL
▼
0
9   Selection data  →  PLU
```

4 **[Return to F01]**
Press the END key to return to the F01 screen.

```
END
▼
F01 dA,LY              0
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
1 DAILY TOTAL              [ENTER]
```

5 **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE key. Then, Key In Item No. screen appears.

```
MODE
▼
0.000   0.000    0.00        0.00
TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
KEY IN ITEM No.
```
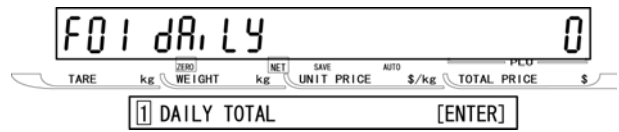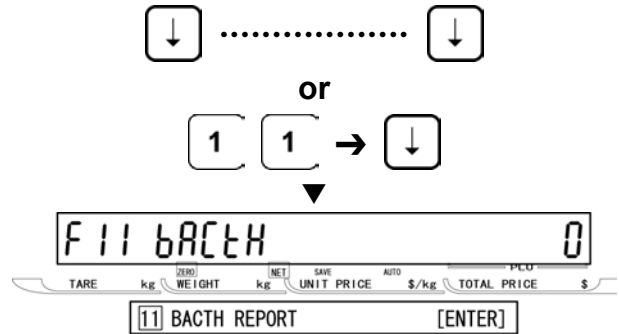
5

TOTAL MODE

5.12 BATCH REPORT (F11)

1 **[F01 Screen]**
Make sure that Daily Total screen (F01)
appears on the display.

Otherwise, access this screen by referring
to Section 5.1: Total Mode Entry/Exit.

```
F01 dAiLY                          0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  1  DAILY TOTAL              [ENTER]
```

2 **[Batch Report]**
Press the [↓] key ten times, or key in "11"
and press the [↓] key to access directly to
Batch Report screen (F11).

```
 ↓  ···············  ↓
         or
 1  1  →  ↓
         ▼
F11 bACtH                          0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  11  BACTH REPORT             [ENTER]
```

3 **[Batch Total Print]**
Press ENTER key to proceed to Batch
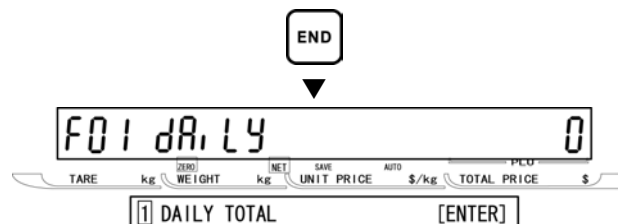Total Print screen (F11-01).
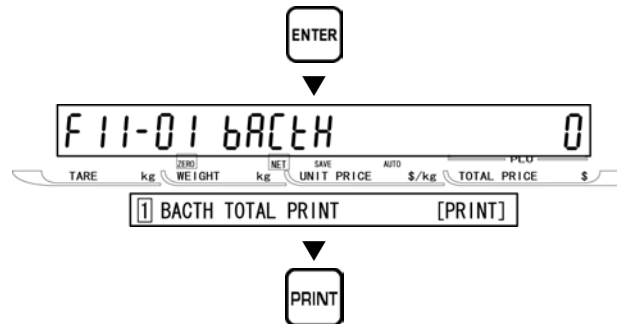
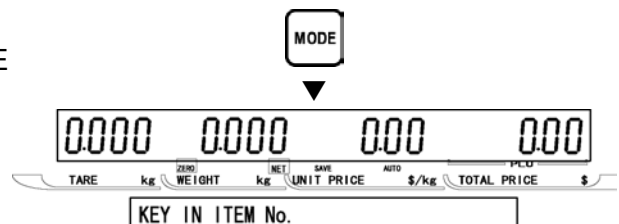Then, press the PRINT key to issue the
batch total label.

- Printing starts from the first batch number
  with total data.
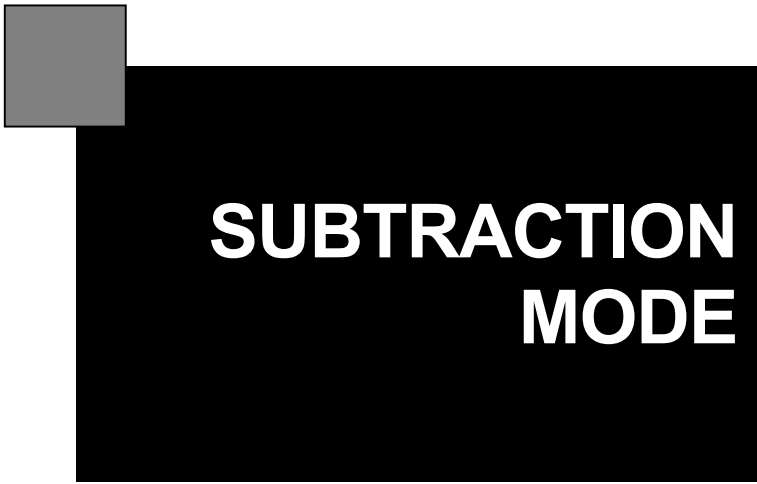- To stop printing before completion, press
  the ZERO key.

*Note: If the Total Report on labels contains
       many items, do not thread paper on to
       the winding bobbin. Allow labels to
       remain on backing paper.*

```
     ENTER
      ▼
F11-01 bACtH                       0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  1  BACTH TOTAL PRINT        [PRINT]
      ▼
     PRINT
```

4 **[Return to F01]**
Press the END key to return to the F01
screen.

```
     END
      ▼
F01 dAiLY                          0
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  1  DAILY TOTAL              [ENTER]
```

5 **[Exiting Total Mode]**
In order to exit Total Mode, press the MODE
key. Then, Key In Item No. screen appears.

```
     MODE
      ▼
0.000    0.000    0.00    0.00
  TARE    kg  WEIGHT  kg  UNIT PRICE  $/kg  TOTAL PRICE   $
  KEY IN ITEM No.
```

SUBTRACTION MODE
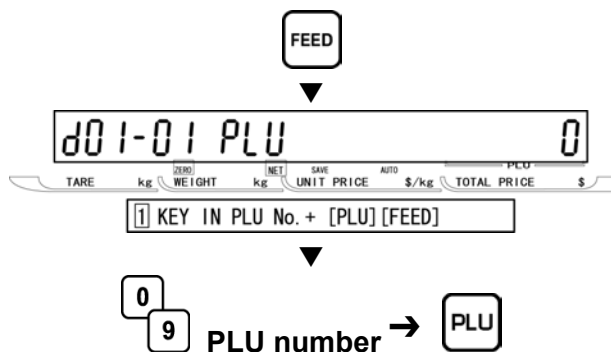
6

6.1 ITEM SUBTRACTION (D01)

Subtraction Mode operations (D00) are usually performed to adjust the item total data when subtraction becomes necessary. When performing these operations, use the Program Keysheet located underneath the Operation Keysheet.

1 [Entering Subtraction Mode]
Key in the password (Default value: "7000") and press the MODE key to access Subtraction Mode screen.

7 0 0 0 → MODE

d00 SUbtrACtion

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

*SUBTRACTION MODE   [FEED] KEY
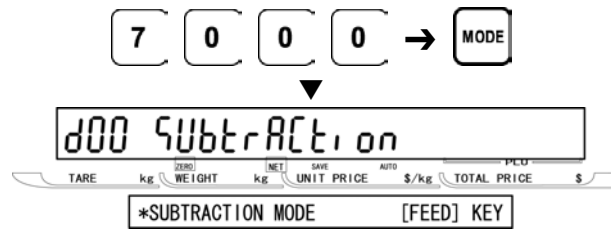
2 [Key In PLU No.]
Press the FEED key to proceed to Key In PLU No. screen (D01-01).

Then, key in the PLU number and press the PLU key.

FEED

d01-01 PLU   0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

1 KEY IN PLU No. + [PLU][FEED]

0 9 **PLU number** → PLU

3 [Key In Pieces]
Press the FEED key to proceed to Key In pieces. screen (D01-02).

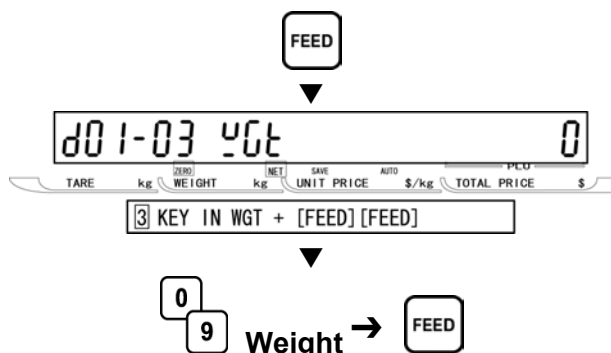Then, key in the quantity to be subtracted, and press the FEED key.

Note: When there is no data to be keyed-in, press the FEED key to move to the next screen.

FEED

d01-02 PCS   0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

2 KEY IN PCS + [FEED][FEED]

0 9 **Quantity** → FEED
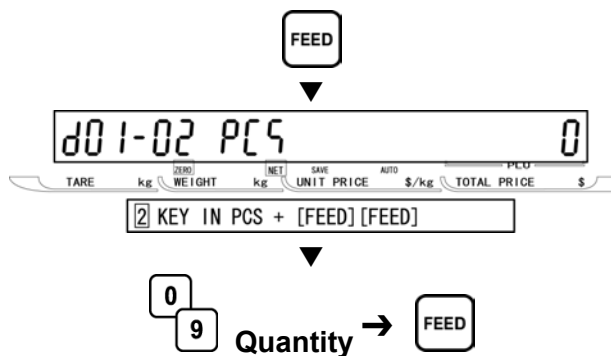
4 [Key In Weight]
Press the FEED key to proceed to Key In Weight screen (D01-03).

Then, key in the weight to be subtracted and press the FEED key.
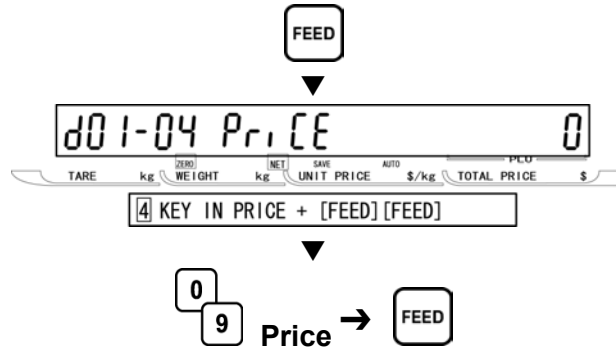
Note: When there is no data to be keyed-in, press the FEED key to move to the next screen.

FEED

d01-03 WGt   0

TARE   kg WEIGHT kg UNIT PRICE $/kg TOTAL PRICE $

3 KEY IN WGT + [FEED][FEED]

0 9 **Weight** → FEED

5 [Key In Price]
Press the FEED key to proceed to Key In Price screen (D01-04).

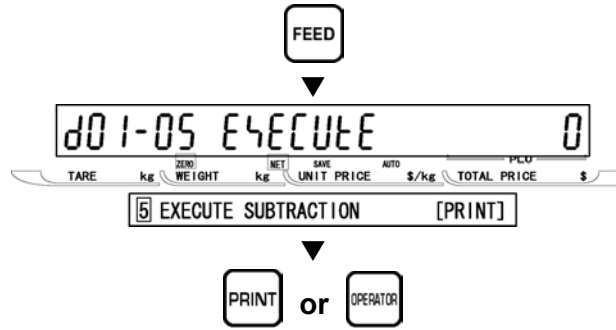Then, key in the price to be subtracted and press the FEED key.

Note: When there is no data to be keyed-in, press the FEED key to move to the next screen.

FEED

▼

`d01-04 PriCE                    0`

TARE kg ZERO WEIGHT kg NET UNIT PRICE SAVE AUTO $/kg PLU TOTAL PRICE $

4 KEY IN PRICE + [FEED] [FEED]

▼

0 9 **Price** → FEED

6 [Execute Subtraction]
Press the FEED key to proceed to Execute Subtraction screen (D01-05).
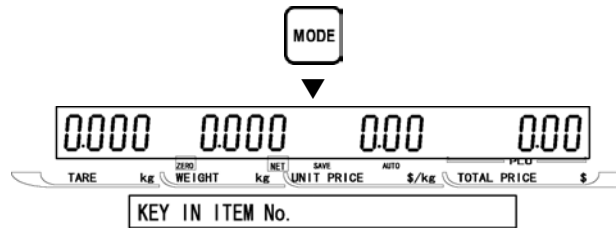
Press the PRINT key to execute subtraction.

Note: When the Operator function is used, press the OPERATOR key instead of PRINT key.
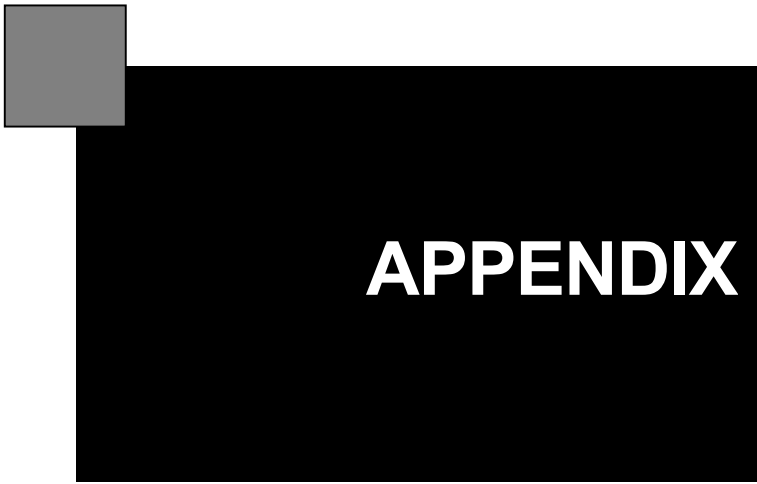
FEED

▼

`d01-05 ExECUtE                  0`

TARE kg ZERO WEIGHT kg NET UNIT PRICE SAVE AUTO $/kg PLU TOTAL PRICE $

5 EXECUTE SUBTRACTION   [PRINT]

▼

PRINT **or** OPERATOR

7 [Repeat]
Repeat steps 2 through 6 above to execute subtraction for other PLU's.

8 [Exiting Subtraction Mode]
Press the MODE key to exit Subtraction Mode.

Then, Key In Item No. screen appears.

MODE

▼

`0.000    0.000    0.00     0.00`

TARE kg ZERO WEIGHT kg NET UNIT PRICE SAVE AUTO $/kg PLU TOTAL PRICE $

KEY IN ITEM No.

6

SUBTRACTION MODE

APPENDIX

APPENDIX

OPERATOR FUNCTION

■OPERATOR LOGIN

When the operator function is used, always perform the following procedures at the beginning of operation. The processed data will be stored as a result of the assigned operator.
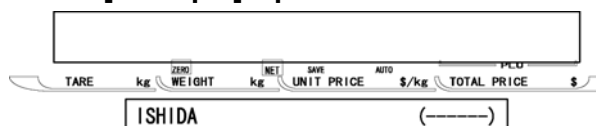
1 **[Key In Operator No.]**
When the operator function is used, and the power is turned ON, Key In Operator Number screen appears on the display.

TARE	kg	ZERO WEIGHT	kg	NET UNIT PRICE	SAVE $/kg	AUTO	TOTAL PRICE	PLU $
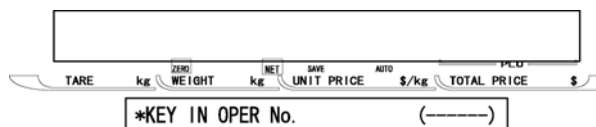
＊KEY IN OPER No.　　　　　(――――――)

2 **[Key In Operator No.]**
Key in the operator number (2 digits) and press the PLU key.

`0` `9` **Operator number** → `PLU`

▼

[Example] Operator "ISHIDA"

TARE	kg	ZERO WEIGHT	kg	NET UNIT PRICE	SAVE $/kg	AUTO	TOTAL PRICE	PLU $

ISHIDA　　　　　　(――――――)

When assigning the administrator, key in "0", and press the PLU key.

[Example] Administrator

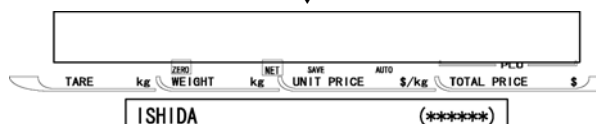| TARE	kg	ZERO WEIGHT	kg	NET UNIT PRICE	SAVE $/kg	AUTO	TOTAL PRICE	PLU $
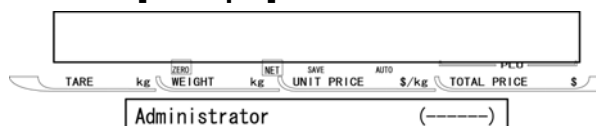
Administrator　　　　(――――――)

3 **[Key In Password]**
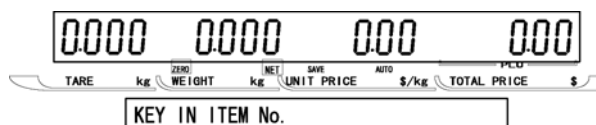Key in the password (Max. 6 digits) and press the PLU key.

Note 1: In case of Administrator, key in "951753" and press the PLU key.

2: If the password entry is wrong, a short buzzer will sound three times, and the screen will be back to step 2 above.

`0` `9` **Password** → `PLU`

▼

TARE	kg	ZERO WEIGHT	kg	NET UNIT PRICE	SAVE $/kg	AUTO	TOTAL PRICE	PLU $

ISHIDA　　　　　(＊＊＊＊＊＊)

4 **[Key In Item No.]**
Key In Item No. screen appears.

0.000　　0.000　　　0.00　　　　0.00

TARE	kg	ZERO WEIGHT	kg	NET UNIT PRICE	SAVE $/kg	AUTO	TOTAL PRICE	PLU $

KEY IN ITEM No.

■OPERATOR LOGOUT

When performing the operator logout, press the LOGOUT (preset function key) or the RESET key. In addition, turning of the power will logout the operator.
If the time of non-operation status exceeds the predetermined time, this will also logout the operator

■OPERATOR ACCESS LEVEL

Access levels can be set in advance for each operator. If wrong access is made, the entry will be canceled, however, an error buzzer will not sound.

▼ ISHIDA

ISHIDA CO., LTD.

Design and specifications are subject to change without notice.