

WIL-Acro II

Compact Label Printer with Color Touchscreen

Program Manual



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Introduction

● Purpose of this Manual

The purpose of this manual is as reference material for the delivery, installation, repair and maintenance of this machine.

● Target Readers

This manual has been written specifically for use by our service personnel.




The use of this manual by any person other than the above is strictly prohibited.



● Related Manuals

Manual Name	Content
WIL-Acro II Instruction Manual	Instruction Manual (included in the package of this machine)

● Signal Words

The signal words shown in this manual are separated into two stages depending on the level of danger or the seriousness of potential injury. Fully understand the meanings of the signal words shown below and follow the directions as shown in this manual and on the stickers placed about the machine.

Signal Word	Meaning
 DANGER!	Indicates an imminently hazardous situation which, if not avoided, is likely to result in serious injury or may result in death.
 WARNING	Indicates a potentially hazardous situation which, if not avoided, will result in minor or moderate injury, or may result in serious injury or death.
 CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury or in property damage.

Note:	Indicates information that needs to be noted or emphasized.
 INFORMATION	Indicates reference information when performing an operation.
 REFERENCE	Indicates the reference page related to performance of an operation.

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This manual may be revised when the machine undergo modification.

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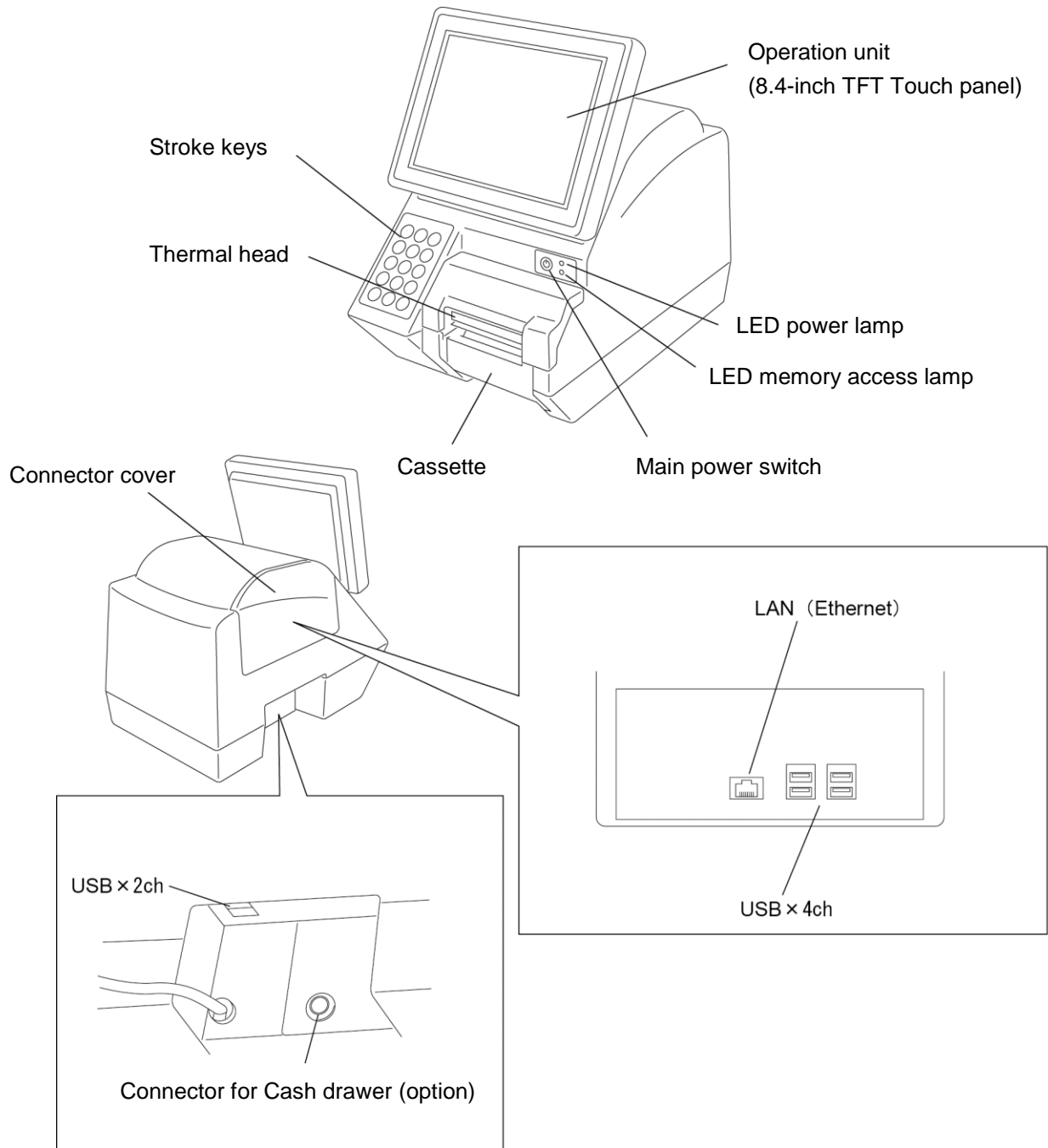
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Chapter 1 Overview

1.1 Part Name



1.2 Specifications

1.2.1 General

Item	Description
Model	WIL-Acro II
Power supply	100 V AC ($\pm 10\%$), Frequency: 50/ 60 Hz
Power consumption	Standby: 50 W, Printing: 120 W
Environmental Conditions	Temperature: 0°C to 35°C Humidity: 20% to 85% (Non condensing) (It may depending on the label quality.)
Machine weight	9.4 kg
Dimensions	Width: 226 mm, Depth: 370 mm, Height: 360 mm
Insect repelling	Contact type insect pest repellent
Input/ Output	USB: 6 channels Ethernet (1000BASE): 1 channel
Memory	CompactFlash (CF): Flash memory mass storage device

1.2.2 Operation Unit

Item	Description
Display	8.4-inch TFT color SVGA LCD with LED back light, 800 x 600 dots
Keyboard	Full keyboard 15 has tact keys

1.2.3 Printer unit

Item	Description
Printing method	Direct thermal method
Thermal head	3 inches (960 dots) and 12 dots/mm (in monochrome) 3 inches (640 dots) and 8 dots/mm (in monochrome)
Printing speed	100 mm/second (Standard label, Only for the 12 dots/mm machine) 120 mm/second (Standard label) 150 mm/second (High sensitivity label)
Printing effective size	Width 78 mm
Label size	Label width: 30 mm to 80 mm Label length: 20 mm to 100 mm (Maximum label liner width: 82 mm)

1.2.4 Cassette unit

Item	Description
Label replacement method	Replacement a cassette accessing in front of machine.
Cassette unit	Seven kinds of unit
Diameter of label roll	Maximum external diameter : 100 mm Internal diameter of paper tube : 40 mm \pm 1 mm

1.2.5 Options

- Wand scanner
- Cash drawer

Specifications are subject to change without notice.

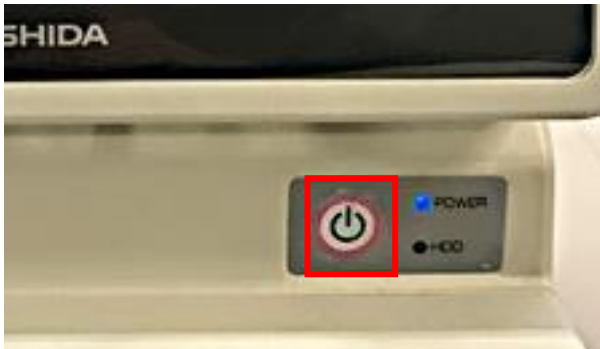
1.3 Features

- Printing the QR codes on labels.
- Flexibility, with the system capable of switching to cash register use and configured to print any style of label just by changing the cassette.
- Improved visibility and operability using graphic pre-sets, which include 19 colour variations, and the option of integrating external images.
- A complete network architecture between the head office and branches, which means that branch staff can concentrate on tending to the public, resulting in better customer satisfaction.
- An easy-to-read screen display that enables fast working without loss of efficiency, displaying all the extra information you need per item.

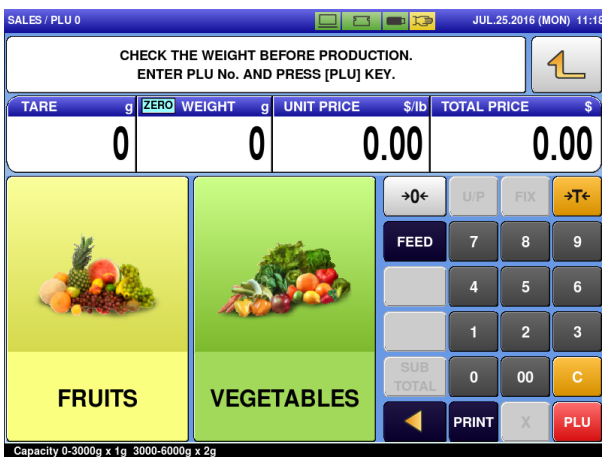
Chapter 2 Setup Mode


2.1 Set up menu

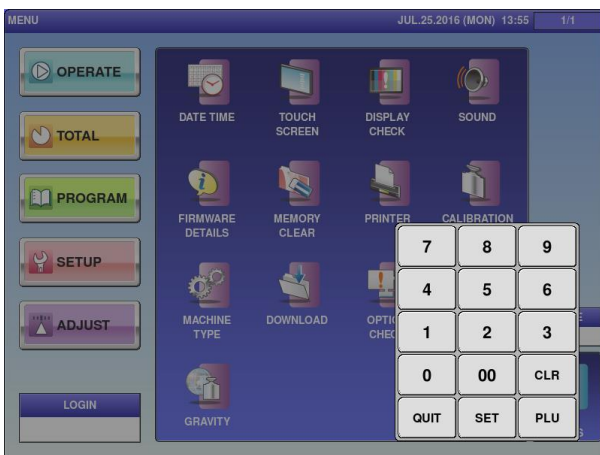
2.1.1 Startup



1. Turn on power.



2. Press  button at the upper right side of screen.

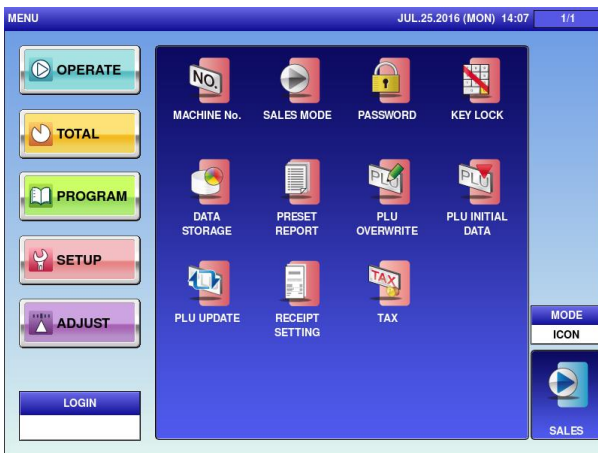


Press [SETUP] and [LOGIN] button, then input password "495344" using numerical keys, and press [SET] button.

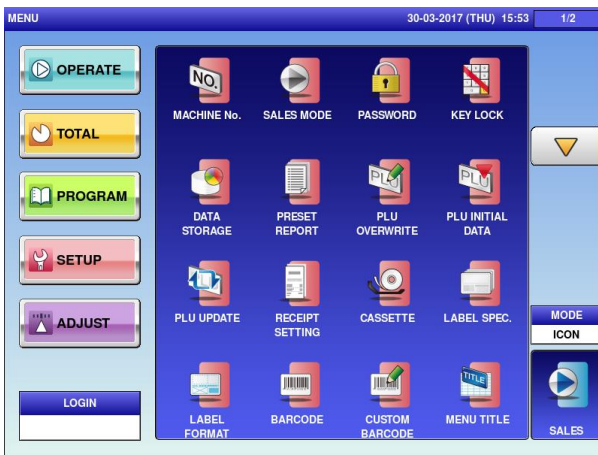


3. Press only [LOGIN] button to log out.

Before log in



Login screens



Common operating buttons



: Return to Menu.



: Return to previous page.



: Go to next page.



: Input [.]

2.2 MACHINE NO.

2.2.1 BASIC

2.2.1.1 ALONE

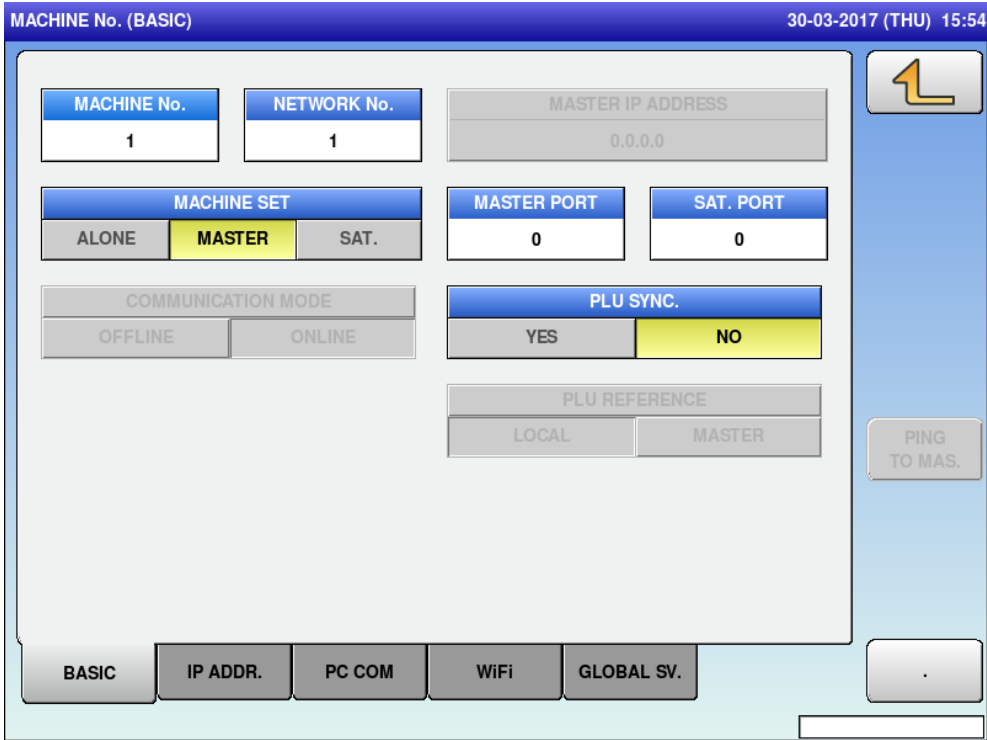
The screenshot displays the 'MACHINE No. (BASIC)' configuration interface. At the top, the title bar shows 'MACHINE No. (BASIC)' and the date/time '30-03-2017 (THU) 15:54'. The main area contains several input fields and buttons:

- MACHINE No.:** Input field containing '1'.
- NETWORK No.:** Input field containing '1'.
- MASTER IP ADDRESS:** Input field containing '0.0.0.0'.
- MACHINE SET:** A group of three buttons: 'ALONE' (highlighted in yellow), 'MASTER', and 'SAT.'.
- MASTER PORT:** Input field containing '0'.
- SAT. PORT:** Input field containing '0'.
- COMMUNICATION MODE:** Two buttons: 'OFFLINE' and 'ONLINE'.
- PLU SYNC.:** Two buttons: 'YES' and 'NO'.
- PLU REFERENCE:** Two buttons: 'LOCAL' and 'MASTER'.
- PING TO MAS.:** A button located on the right side of the screen.

At the bottom, a navigation bar contains buttons for 'BASIC', 'IP ADDR.', 'PC COM', 'WiFi', and 'GLOBAL SV.'. A small 'L' icon is visible in the top right corner of the main area.

Menu name	Specification
MACHINE No.	Enter the machine number. Input range: 1 to 99
NETWORK No.	Enter the network number. Input range: 1 to 9
MACHINE SET	Select one of the stand-alone, master or satellite machines. ALONE/ MASTER/ SAT. This function is enabled only when you log into the service network. The confirmation dialog appears when ALONE, MASTER and SAT. are selected respectively.

2.2.1.2 MASTER



Menu name	Specification
MASTER PORT	Enter the master port number. Input range: 0 to 65535
SAT. PORT	Enter the satellite port number. Input range: 0 to 65535
PLU SYNC.	Enter whether or not to sync with the PLU. YES/ No
Enabled only when you access above menus after logging in with the service password.	

2.2.1.3 SAT.

MACHINE No. (BASIC) 30-03-2017 (THU) 15:55

MACHINE No.	NETWORK No.	MASTER IP ADDRESS
1	1	0.0.0.0
MACHINE SET		MASTER PORT
ALONE	MASTER	SAT.
		SAT. PORT
		0
COMMUNICATION MODE		PLU SYNC.
OFFLINE	ONLINE	YES
		NO
		PLU REFERENCE
		LOCAL
		MASTER

PING TO MAS.

BASIC IP ADDR. PC COM WiFi GLOBAL SV.

Menu name	Specification
MASTER IP ADDRESS	Enter the IP address of master. Input range: "0.0.0.0" to "255.255.255.255"
COMMUNICATION MODE	Select mode of communication online or offline. OFFLINE/ ONLINE
PLU REFERENCE	Select mode of PLU reference setting. LOCAL/ MASTER
PING TO MAS.	Ping the master.
Enabled only when you access above menus after logging in with the service password and [SAT.] is selected.	

2.2.2 IP ADDRESS

MACHINE No. (IP ADDRESS) 30-03-2017 (THU) 15:55

IP ADDRESS	0.0.0.0	DNS SERVER1	0.0.0.0
SUBNET MASK	0.0.0.0	DNS SERVER2	0.0.0.0
DEFAULT GATEWAY	0.0.0.0	DHCP MODE	
MAC ADDRESS	00:30:16:07:97:4B	OFF	ON

PING TO PC

BASIC IP ADDR. PC COM WIFI GLOBAL SV.

Menu name	Specification
IP ADDRESS	Enter the IP address. Input range: "0.0.0.0" to "255.255.255.255"
SUBNET MASK	Enter the subnet mask. Input range: "0.0.0.0" to "255.255.255.255"
DEFAULT GATEWAY	Enter the default gateway. Input range: "0.0.0.0" to "255.255.255.255"
DNS SERVER1	Enter the IP address of Primary DNS server. Input range: "0.0.0.0" to "255.255.255.255"
DNS SERVER2	Enter the IP address of Secondary DNS server. Input range: "0.0.0.0" to "255.255.255.255"
DHCP MODE	Select whether or not to use DHCP. OFF/ ON
PING TO PC	Ping the PC.

2.2.3 PC COM

MACHINE No. (PC COM) 30-03-2017 (THU) 15:55

PC IP ADDRESS 0.0.0.0	PRESET FUNC. NAME REFER COM. DATA PLU
PC PORT No. 55201	PC PORT No.(UNI-7) 0
COM CHECK PERIOD (SEC) 0	TARE ADJUST NO YES
COM CHECK TIME OUT(SEC) 2	OPEN PRICE RECEIVE YES NO
ERROR LOG SEND NO SEND SEND	PROD. TRAN. SEND NO SEND SEND
FIELD NAME ENABLE DISABLE ENABLE	SALE TRAN. SEND NO SEND SEND

PING TO PC

BASIC IP ADDR. PC COM WIFI GLOBAL SV.

Menu name	Specification
PC IP ADDRESS	Enter the PC's IP address. Input range: "0.0.0.0" to "255.255.255.255"
PC PORT No.	Enter the PC's port number. Input range: 0 to 65535
COM CHECK PERIOD (SEC)	Enter the command check period. Input range: 0 or 30 to 9999
COM CHECK TIME OUT (SEC)	Enter the command check time-out. Input range: 2 to 5
ERROR LOG SEND	Enter whether or not to send the error log. NO SEND/ SEND
FIELD NAME ENABLE	Select and set whether or not to add filed name to the transmission data. DISABLE/ ENABLE
PRESET FUNC. NAME REFER	Select the preset function name reference. COM.DATA/ PLU
PC PORT NO. (UNI-7)	Enter the PC's port number. Input range: 0 to 65535
TARE ADJUST	Select whether or not to use the tare adjustment. NO/ YES
OPEN PRICE RECEIVE	Select whether or not to use the open price receive. YES/ NO

Menu name	Specification
PROD. TRAN. SEND	Enter whether or not to perform transmission of Production Transaction. NO SEND/ SEND
SALE TRAN. SEND	Enter whether or not to perform transmission of Sale Transaction. NO SEND/ SEND
PING TO PC	Ping the PC.

2.2.4 WiFi

The screenshot shows a configuration window titled "MACHINE No. (WiFi)" with a timestamp "30-03-2017 (THU) 15:56". The main section is "SECURITY / AUTHENTICATION / ENCRYPTION" and contains the following elements:

- A row of security options: NONE (highlighted), WEP64, WEP 128, WEP64 Shared Key, WEP 128 ShKey, WPA PSK TKIP, WPA PSK CCMP, WPA2 PSK TKIP, and WPA2 PSK CCMP.
- An "SSID (WIRELESS NETWORK NAME)" text input field.
- A "KEY TYPE" section with buttons for HEX, ASCII, and PASSPH.
- A "WEP KEY INDEX" section with buttons for 1, 2, 3, and 4.
- A "WEP64 KEY" text input field.
- A "PING TO PC" button on the right side.
- Navigation tabs at the bottom: BASIC, IP ADDR., PC COM, WiFi (selected), and GLOBAL SV.

Menu name	Specification
SECURITY / AUTHENTICATION / ENCRYPTION	Select the method of security/authentication/encryption. NONE/ WEP64/ WEP128/ WEP64 Shared Key/ WEP128 ShKey/ WPA PSK TKIP/ WPA PSK CCMP/ WPA2 PSK TKIP/ WPA2 PSK CCMP
SSID (WIRELESS NETWORK NAME)	Enter the SSID. Press button to open editor screen. Up to 32 bytes
KEY TYPE	Select the WEP key index. HEX/ ASCII/ PASSPH
WEP KEY INDEX	Select the WEP key index. 1/ 2/ 3/ 4 This function is enabled only when one of WEP64/ WEP128/ WEP64 Shared Key/ WEP128ShKey is selected for security/ authentication/ encryption.
WEP64 KEY	Enter the WEP64 Key. Up to 5 bytes This function is enabled only when one of WEP64/ WEP128/ WEP64 Shared Key/ WEP128ShKey is selected for security/ authentication/ encryption.
PING TO PC	Ping the PC.

2.2.5 GLOBAL SV.

MACHINE No. (GLOBAL SV.) 30-03-2017 (THU) 15:56

GLOBAL SERVICE ENABLE

DISABLE ENABLE

GLOBAL SERVICE URL
http://i-globalservice.appspot.com

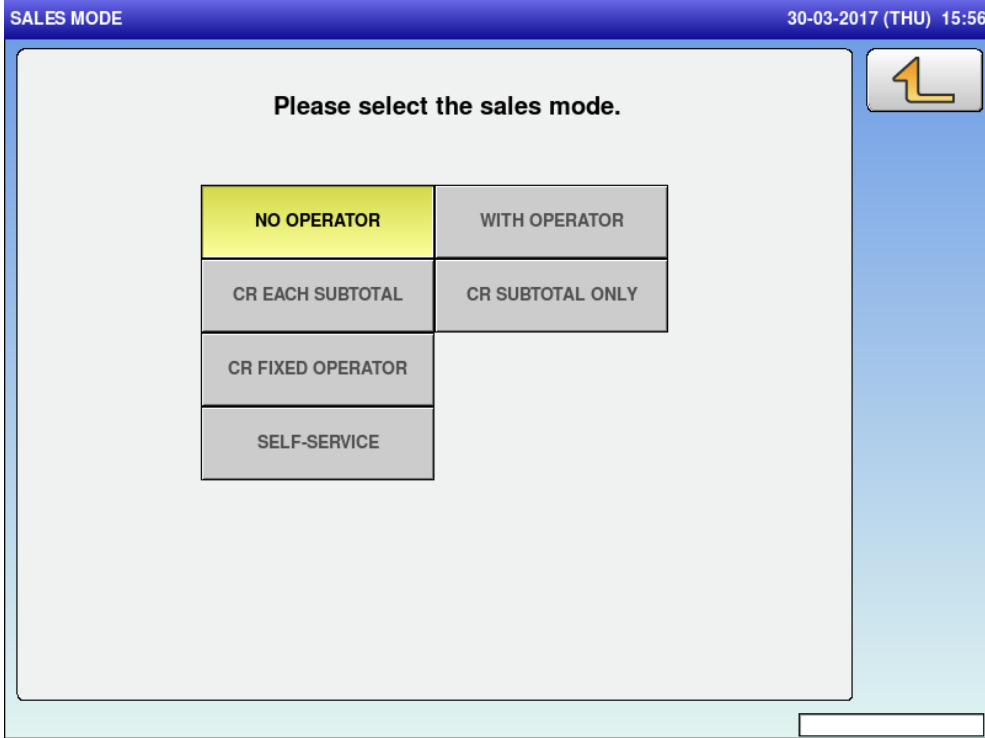
PROXY SERVER URL

PING TO SERVICE

BASIC IP ADDR. PC COM WIFI GLOBAL SV.

Menu name	Specification
GLOBAL SERVICE ENABLE	Select and set whether or not to use the cloud function (Global Service). DISABLE/ ENABLE
The following parameters are valid only when GLOBAL SERVICE ENABLE setting is set to [ENABLE] (grayed out when set to [DISABLE])	
GLOBAL SERVICE URL	Enter the URL of Cloud server (only when the function is valid). Press button to open editor screen.
PROXY SERVER URL	Enter the URL of Proxy server (only when the function is valid). Press button to open editor screen.
PING TO SERVICE	Send PING to the set cloud server (When the cloud function is not in use, the option is grayed out).

2.3 SALES MODE



Menu name	Specification
Select the sales mode.	NO OPERATOR/ WITH OPERATOR/ CR EACH SUBTOTAL/ CR SUBTOTAL ONLY/ CR FIXED OPERATOR/ SELF-SERVICE

2.4 PASSWORD



Menu name	Specification
PASSWORD	Enter password in six digits. Logging in by this password will release the menu operation prohibited status.
MENU NAME	Display the menu name. Both USE and NO USE for SALES are grayed out because SALES cannot be locked with the password.
SELECT	Select whether or not to lock with the password. USE: Locked NO USE: Not locked

(All tabs have the same operations so their explanations are omitted here.)

2.5 KEY LOCK

2.5.1 DISPLAY KEY

KEY LOCK (DISPLAY KEY) 30-03-2017 (THU) 15:58 1/1

PASSWORD 000000

KEY NAME	KEY LOCK	
	YES	NO
PLU NAME AREA	YES	NO
TARE	YES	NO
WEIGHT/PRICE	YES	NO
PCS	YES	NO
	YES	NO
	YES	NO
	YES	NO

DISPLAY KEY FUNCTION KEY STROKE KEY

Menu name	Specification
PASSWORD	Enter the password in six digits. Normally in PRODUCTION screen, enter this password and press KEY LOCK FUNCTION to release the input prohibited status.
KEY NAME	Display measurement menu on normal mode screen. Not displayed WEIGHT/PRICE when [OCEANIA] is selected on COUNTRY menu. Enter 951753 and press PLU to enable this function.
KEY LOCK	Select whether or not to set a key lock. YES: key lock is set. NO: key lock is not set.

2.5.2 FUNCTION KEY

KEY LOCK (FUNCTION KEY) 30-03-2017 (THU) 15:58 1/16

PASSWORD 000000

KEY NAME	KEY LOCK	
PLU	YES	NO
TARE	YES	NO
F/P	YES	NO
MULTI	YES	NO
SPECIAL	YES	NO
-€	YES	NO
-%	YES	NO

DISPLAY KEY FUNCTION KEY STROKE KEY

Menu name	Specification
PASSWORD	Enter the password in six digits. Normally in PRODUCTION screen, enter this password and press KEY LOCK FUNCTION to release the input prohibited status.
KEY NAME	Display the function key name. Not displayed WEIGHT/PRICE when [OCEANIA] is selected on COUNTRY menu. Enter 951753 and press PLU to enable this function.
KEY LOCK	Select whether or not to set a key lock. YES: key lock is set. NO: key lock is not set.

2.5.3 STROKE KEY

KEY LOCK (STROKE KEY) 30-03-2017 (THU) 15:59 1/1

PASSWORD 000000

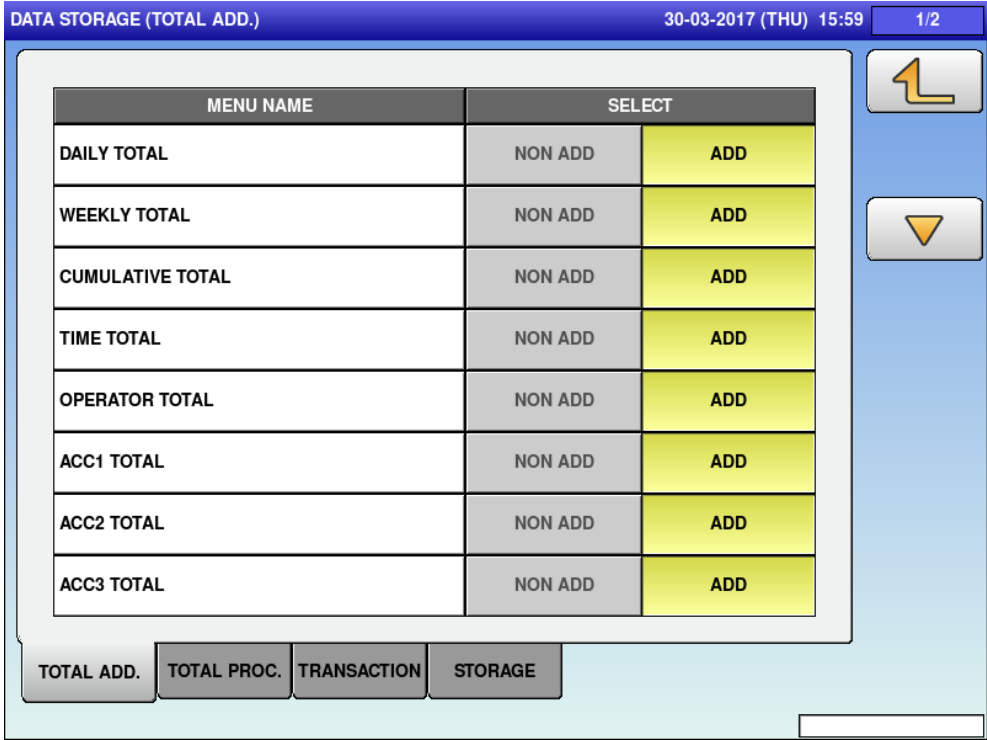
KEY NAME	KEY LOCK	
TARE	YES	NO
UNIT PRICE	YES	NO
FIXED PRICE	YES	NO
	YES	NO
	YES	NO
	YES	NO
	YES	NO

DISPLAY KEY FUNCTION KEY STROKE KEY

Menu name	Specification
PASSWORD	Enter the password in six digits. Normally in PRODUCTION screen, enter this password and press KEY LOCK FUNCTION to release the input prohibited status.
KEY NAME	Display the function key name.
KEY LOCK	Select whether or not to set a key lock. YES: key lock is set. NO: key lock is not set.

2.6 DATA STORAGE

2.6.1 TOTAL ADD.



Menu name	Specification
MENU NAME	Display menu name.
SELECT	Select whether or not to add. NON ADD/ ADD
TOTAL PROC./ TRANSACTION/ STORAGE tabs are displayed only when you access above menus after logging in with service password.	

2.6.2 TOTAL PROC.

DATA STORAGE (TOTAL PROC.) 30-03-2017 (THU) 15:59

DAILY TOTAL AUTO CLEAR

NO YES

ITEM COUNT SELECT

MULTIPLY DETAILS

TOTAL ADD. TOTAL PROC. TRANSACTION STORAGE

Menu name	Specification
DAILY TOTAL AUTO CLEAR	Select whether or not to clear the daily total data. NO/ YES
ITEM COUNT SELECT	Select to count items. MULTIPLY/ DETAILS

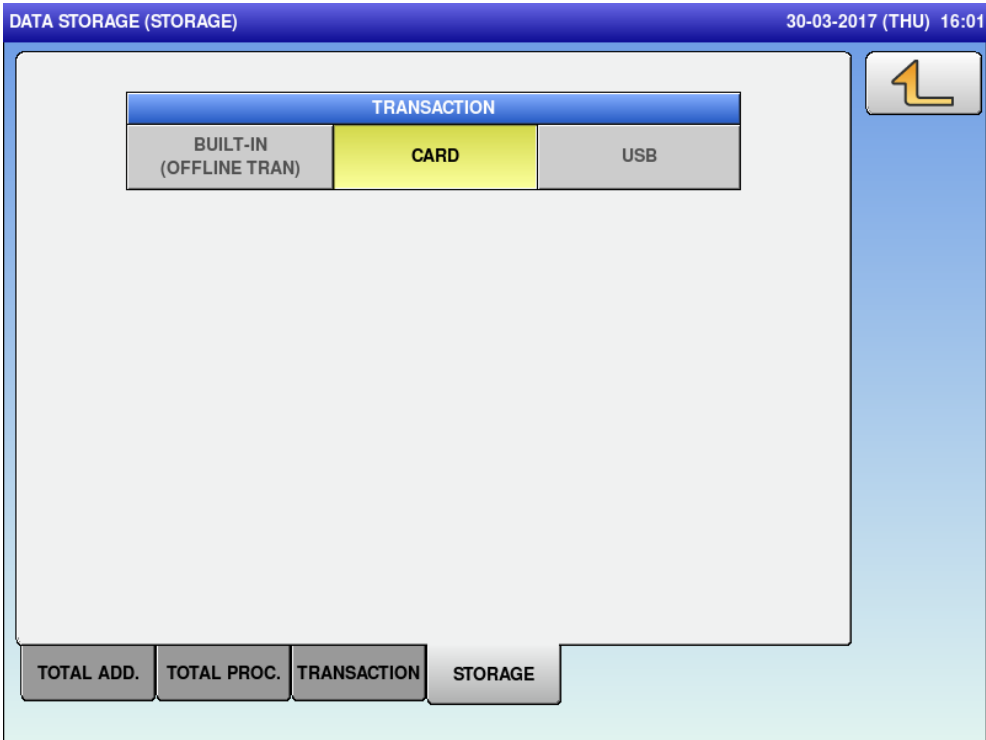
2.6.3 TRANSACTION

DATA STORAGE (TRANSACTION) 30-03-2017 (THU) 16:00

PROD. TRANSACTION <input type="button" value="NON ADD"/> <input type="button" value="ADD"/>	TRANS. MEM. FULL <input type="button" value="STOP"/> <input type="button" value="OVER WRITE"/>
SALES TRANSACTION <input type="button" value="NON ADD"/> <input type="button" value="ADD"/>	POS REPORT <input type="button" value="NON ADD"/> <input type="button" value="ADD"/>
SALES TRAN. STORAGE PERIOD <input type="text" value="0 DAYS"/>	DRAWER REPORT <input type="button" value="NON ADD"/> <input type="button" value="ADD"/>

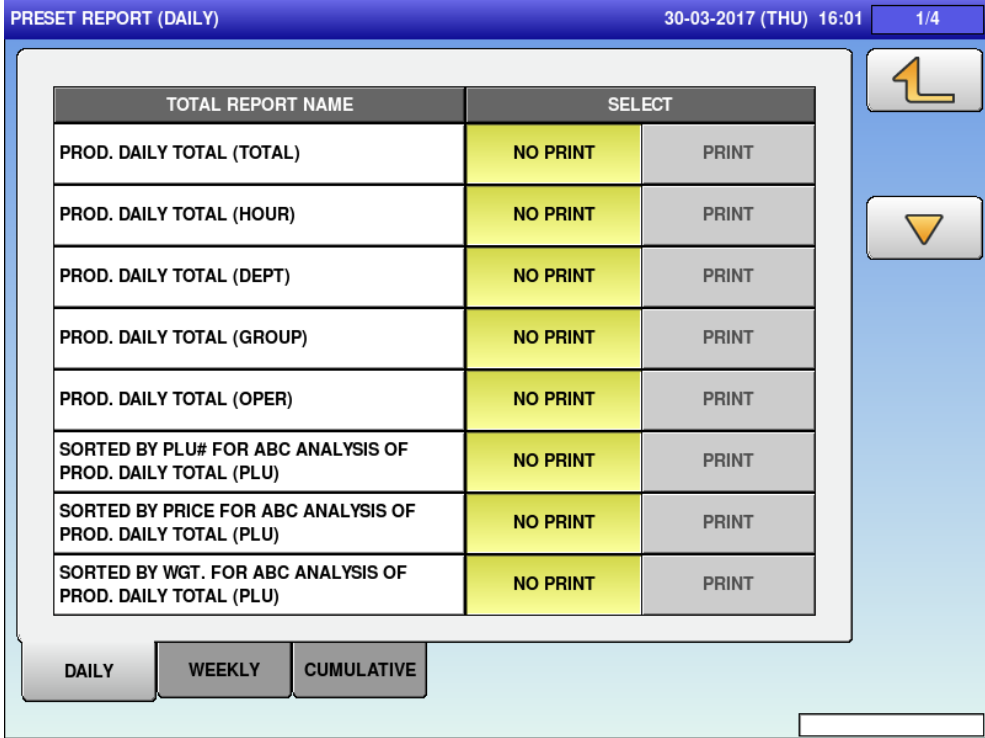
Menu name	Specification
PROD. TRANSACTION	Select whether or not to add the product transaction. NON ADD/ ADD
TRANS. MEM. FULL	Select between stopping or overwriting the transaction addition at full memory condition. STOP/ OVERWRITE
SALES TRANSACTION	Select whether or not to add the sales transaction. NON ADD/ ADD
POS REPORT	Select whether or not to add the POS report. NON ADD/ ADD
SALES TRAN. STORAGE PERIOD	Enter the sales transaction storage period. Input range: 0 to 99
DRAWER REPORT	Select whether or not to add the drawer report. NON ADD/ ADD

2.6.4 STORAGE



Menu name	Specification
TRANSACTION	Select where to save the transaction. BUILT-IN/ CARD/ USB



2.7 PRESET REPORT



Menu name	Specification
TOTAL REPORT NAME	Display the report menu name.
SELECT	Select whether or not to print the report. NO PRINT/ PRINT

(All tabs have the same operations so their explanations are omitted here.)

2.8 PLU OVERWRITE

PLU MASTER LIST		SELECT	
UNIT PRICE:FIX PRICE	YES	NO	
MARKDOWN MODE:M/D AMOUNT	YES	NO	
UNIT TYPE:QTY	YES	NO	
FIXED WEIGHT	YES	NO	
PACK DATE/TIME	YES	NO	
SELL BY DATE/TIME	YES	NO	
TARE	YES	NO	
EXTRA MSG.1	YES	NO	
INGREDIENT	YES	NO	
EXTRA MSG.3	YES	NO	

Menu name	Specification
PLU MASTER LIST	Display the PLU master list.
SELECT	Select whether or not to overwrite the value. YES/ NO

2.9 PLU INITIAL DATA

PLU INITIAL DATA (SALE1) 30-03-2017 (THU) 16:02

SALES MODE

<
0:WEIGHT
>

UNIT PRICE

0,00

OPEN PRICE

<
0:YES
>

FIXED WGT

0,000

TARE

0,000

TAX

0

MARKDOWN MODE

<
0:NORMAL
>

M/D AMOUNT

0,00

2nd TARE

0,000

UNIT TYPE

0:NO PRN

QTY

0

% TARE

0.0

LOWER WGT

0,000

UPPER WGT

0,000

FORCED TARE

YES
NO

SALE1
SALE2
MSG.
IMAGE
PRINT
DATE
CODE
LINK

Menu name	Specification
(Each item)	Enter the initial value to newly create the PLU master.

(All tabs have the same operations so their explanations are omitted here.)

2.10 PLU UPDATE

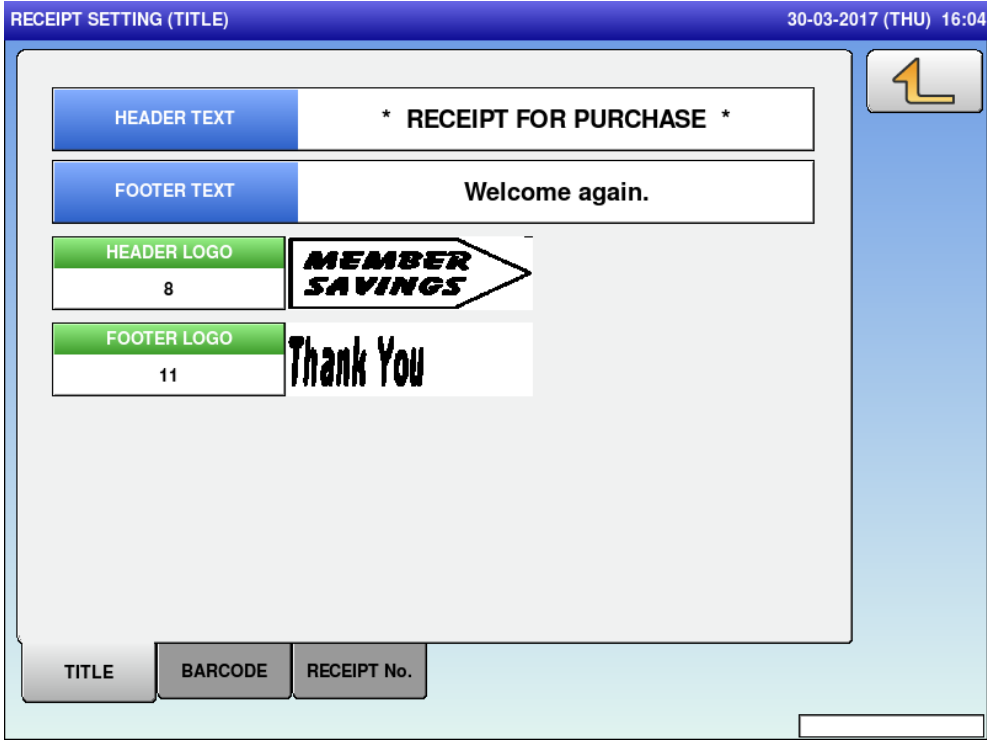
CHANGE RANGE						
START No.	END No.					
00000001	99999999					
UNIT PRICE No.					CONDITION	
1	2	3	4	5	NO	YES
No.	LIST NAME	REPLACE CONDITION	CHANGE CONTENTS			
1	ITEM CODE					
2	PACK DATE PRINT					
3	PACK TIME PRINT					
4	PACK TIME DATA					
5	SB DATE PRINT					
6	SB TIME PRINT					

Buttons: BATCH DELETE, EXEC

Menu name	Specification
START No.	Enter the start number of the batch change range. Input range: 1 to 99999999
END No.	Enter the end number of the batch change range. Input range: 1 to 99999999
UNIT PRICE No.	Enter the unit price number for the batch change. Press button to change selection.
CONDITION	Select whether or not to specify the replacement condition for the batch change. NO/ YES
LIST NAME	Display the item for the batch change. Press button to change selection.
REPLACE CONDITION	Specify the replacement condition. This function is enabled when [YES] is selected in [CONDITION].
CHANGE CONTENTS	Specify the replacement contents.
BATCH DELETE	Cancel all selections.
EXEC	Execute the batch change. ALL REUPDATE CHECK dialog appears to ask whether to execute the batch change.

2.11 RECEIPT SETTING

2.11.1 TITLE



Menu name	Specification
HEADER TEXT	Enter text of header. Press button to open editor screen.
FOOTER TEXT	Enter text of footer. Press button to open editor screen.
HEADER LOGO	Enter logo of header. Press button to open image list screen.
FOOTER LOGO	Enter logo of footer. Press button to open image list screen.

2.11.2 BARCODE

RECEIPT SETTING (BARCODE) 30-03-2017 (THU) 16:04

POS FLAG 02	POS CODE TYPE 1: EAN/UPC 13
RECEIPT CODE 00000000	GS1 EXP FORMAT 1:(01)(3922)(3103)
POS MINUS FLAG 03	POS FORMAT FFCCCC(C/P)PPPP(C/D)

TITLE BARCODE RECEIPT No.

Menu name	Specification
POS FLAG	Enter the POS flag. Input range: 00 to 99
POS CODE TYPE	Select the POS code type. 1: EAN / UPC13/ 2: EAN / UPC 8/ 3: 10 DIGITS 13/ 4: 5 DIGITS 8/ 5: GS1
RECEIPT CODE	Enter the receipt code. Input range: 0 to 99999999
GS1 EXP FORMAT	Select the GS1 EXP format. 1: (01)(3922)(3103)/ 2: (01)(3922)(3103)(15)
POS MINUS FLAG	Enter the POS minus flag. Input range: 00 to 99
POS FORMAT	Select the POS format. Press button to open POS format list screen.

2.11.3 RECEIPT No.

RECEIPT SETTING (RECEIPT No.) 30-03-2017 (THU) 16:05

RECEIPT START No. 1	DAILY TOTAL AUTO CLEAR NO YES
RECEIPT END No. 999999	RECEIPT COUNT No. 1

TITLE BARCODE RECEIPT No.

Menu name	Specification
RECEIPT START No.	Enter the receipt starting number. Input range: 1 to 999999
DAILY TOTAL AUTO CLEAR	Enter the daily total auto clear setting. NO/ YES
RECEIPT END No.	Enter the receipt ending number. Input range: 1 to 999999
RECEIPT COUNT No.	Display the receipt count.

2.12 CASSETTE

CASSETTE					30-03-2017 (THU) 16:06		1/1
PRINTER		PLU No.		LABEL W.	LABEL L.	CAST. No.	
PRN 1		0		60.0 mm	44.0 mm	1	
No.	FORMAT No.	LABEL SPEC	PEEL MODE	PRINT MODE			
01	001	01	INDIV.LABEL	MANUAL			
02	001	01	INDIV.LABEL	MANUAL			
03	001	01	INDIV.LABEL	MANUAL			
04	001	01	INDIV.LABEL	MANUAL			
05	001	01	INDIV.LABEL	MANUAL			
06	001	01	INDIV.LABEL	MANUAL			
07	001	01	INDIV.LABEL	MANUAL			
CAST. SWITCHING		CAST. SWITCH. TIMER		GROUP/PAGE(FUNC)=0 MEANS			
CAST. INSERT				GRP.1 PG.1		NO DISP.	

Menu name	Specification
PRINTER	Display only PRN 1.
PLU No.	Enter the PLU number to use for test printing. Input range: 0 to 99999999 For 0, print the checker label.
LABEL W.	Display the format width of label.
LABEL L.	Display the format length of label.
CAST. No	Display the cassette number.
FORMAT No.	Press button to open the format entering screen.
LABEL SPEC.	Press button to open the label number entering screen.
PEEL MODE	Enter the peel mode.
PRINT MODE	Select the print mode. AUTO/ MANUAL
LABEL TYPE	Select the label type. DIE-CUT/ CONTINUOUS
STORE PRINT	Select whether or not to print the store. ENABLE/ DISABLE
TITLE PRINT	Select whether or not to print the title. ENABLE/ DISABLE
OVERFLOW FLG.	Select and set the process when the printing is over the set. ERR+BLANK/ TO MAX

Menu name	Specification
2nd FMT No.	Enter the format to be used in the second label printing. Input range: 0 to 999
SUBTTL FMT no.	Enter the subtotal format number. Input range: 0 to 999
SALES MODE	Select the sales mode. NO OPE/ WITH OPE/ CR EACH/ CR SUBONLY/ CR FIXED/ SELF
FMT No.(A)	Enter the format number. Input range: 0 to 999
PLU NAME	Select the PLU name. FIXED/ VARIABLE
EXTRA MESSAGE 1 to 3	Select the extra message 1 to 3. FIXED/ VARIABLE
FREE MSG.	Select the free message. FIXED/ VARIABLE

2.13 LABEL SPEC.

The screenshot shows the 'LABEL SPEC.' menu with the following settings:

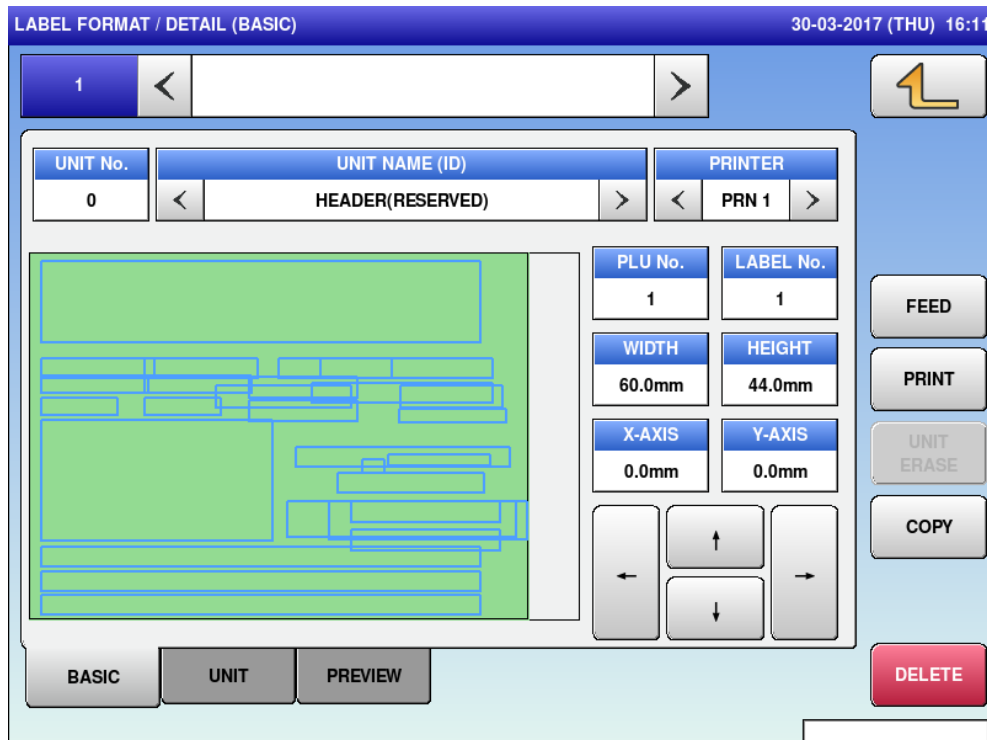
- PRINTER: PRN 1
- CASSETTE No.: 1
- LABEL No.: 01
- LABEL TYPE: 1:130LA-1
- PRINT DENSITY: 5
- RED DENSITY: 5
- PRINT DIRECTION: STAND. (selected), REVERSE
- LABEL GAP: 2.5mm
- PEEL SENSOR: USE (selected), NO USE
- SENSOR TYPE: 1:LABEL (selected)
- PRINT SPEED: 150mm/s
- BACK FEED: YES (selected), NO
- SENSOR DISTANCE: 41.0mm
- FEED LENGTH: 7.5mm
- BACK FEED LEN.: 0.0mm
- CONFIRM TO PRINT: FMT No. 001, PLU No. 00000000
- FORMAT INFO: WIDTH 60.0 mm, LENGTH 44.0 mm

Navigation buttons on the right include FEED, PRINT, MODIFY FORMAT, LIST, DETAIL, and DELETE. A 'LABEL' button is located at the bottom left.

Menu name	Specification
LABEL TYPE	Select the label type. 0: RECEIPT/ 1: 130LA-1/ 3: 150LA-1
PRINT DENSITY	Enter the print density control of black character. Input range: 0 to 9
RED DENSITY	Enter the print density control of red character. Input range: 0 to 9
SENSOR TYPE	Select the sensor type. 0: NO USE/ 1: LABEL/ 2: MARK
PRINT SPEED	Select the printing speed. 100mm/s / 120mm/s / 150mm/s

2.14 LABEL FORMAT

2.14.1 DETAIL (BASIC)



Menu name	Specification
FORMAT NAME	Press button to open the format name edit screen. Press "<" and ">" located at both sides of the box to select the next (or previous) format master.
UNIT No.	Display the unit number. Press button to open the unit list set for the current format. The UNIT tab also has the same function.
UNIT NAME(ID)	Display the selected unit name. If nothing is selected, [HEADER] is selected.
PRINTER	Select the printer number.
PLU No.	Enter the PLU number to be used for the test print and preview. Input range: 1 to 99999999 For 0, print the checker label.
LABEL No.	Specify the label number. Input range: 1 to 99
WIDTH	Enter the format width. Input range: 0 to 800
HEIGHT	Enter the format height. Input range: 0 to 2000

Menu name	Specification
X-AXIS	Display the X axis of selected unit. The axis is moved by entering numerical number.
Y-AXIS	Display the Y axis of selected unit. The axis is moved by entering numerical number.
FEED	Feed the label.
PRINT	Perform test printing by the format called and the item information set by PLU number.
UNIT ERASE	Delete the selected unit.
COPY	Enter numerical number and press COPY to copy the said numerical number's format.
DELETE	Delete the format master. The dialog appears to ask whether to delete the format master.
←↑→↓	Move the axis of selected unit. If HEADER is selected, the axis of whole format is moved.

2.14.2 DETAIL (UNIT)

LABEL FORMAT / DETAIL (UNIT) 30-03-2017 (THU) 16:11 1/1

1 < [] > STRING EDIT

UNIT No.	UNIT NAME	A	B	C	D	E	F
0	HEADER						

PLU	SET CONTENTS	VALUE
FORMAT No.	Header: 1-99 not able to change	1
X-AXIS	Able to set 0-08000 by 0.1mm	600
Y-AXIS	Able to set 0-2000 by 0.1mm	440
UNIT No.	Able to set 1-63	30
TURN	00:STANDARD 02:REVERSE	00

BASIC UNIT PREVIEW

FEED PRINT UNIT ERASE UNIT COPY UNIT ADD

Menu name	Specification
FORMAT NAME	Press button to open the format name edit screen. Press "<" and ">" located at both sides of the box to select the next (or previous) format master.
STRING EDIT	Open the format string edit screen. Up to 526 bytes
UNIT No.	Display the unit number. Press button to open the unit list set for the current format. UNIT tab also has the same function.
UNIT NAME	Display the selected unit name. If nothing is selected, "HEADER" is selected.
A B C D E F	Enter the alphabetical character. For hexadecimal entry.
PLU	Display the name of set item.
SET CONTENTS	Display the set contents.
VALUE	Enter the value for set contents.
FEED	Feed the label.
PRINT	Perform test printing by the format being called and the item information set by [PLU No.].
UNIT ERASE	Delete the selected unit.
UNIT COPY	Enter numerical number and press COPY to copy the said numerical number's format.

Menu name	Specification
UNIT ADD	Add the unit. The header unit also increases by one at the same time.

2.14.3 DETAIL (PREVIEW)



Menu name	Specification
DETAILED IMAGE /WHOLE IMAGE	Select the whole image or detailed image.
FEED	Feed the label.
PRINT	Perform test printing by the format called and the item information set by PLU number.
←↑→↓	Move the image. This function is enabled only for the detailed image.

2.15 BARCODE

2.15.1 POS FLAG

Menu name	Specification
EAN/UPC 13	Enter the NON-PLU 13 digits. Input range: 00 to 99
EAN/UPC 8	Enter the NON-PLU 13 digits. Input range: 0 to 9
10 DIGITS 13	Enter the PLU 13 digits. Input range: 00 to 99
5 DIGITS 8	Enter the PLU 8 digits. Input range: 00 to 99

2.15.2 POS CODE

BARCODE (POS CODE) 30-03-2017 (THU) 16:13

POS CODE TYPE

< 1: EAN/UPC 13 >

GS1 EXP FORMAT

< 1:(01)(3922)(3103) >

POS FORMAT (WGT)

FFCCCC(C/P)PPPP(C/D)

OCR STYLE

EAN13 UPC12

POS FORMAT (FIX PRICE)

FFCCCC(C/P)PPPP(C/D)

POS FLAG

POS CODE

ITEM CODE

Menu name	Specification
POS CODE TYPE	Select the POS code type. 1: EAN/UPC13 2: EAN/UPC 8/3:10 DIGITS 13/4:5DIGITS 8/5:GS1 6:GS1 ST/7:GS1 STO/8:GS1 LIMITED/9:GS1 EXPANDED/10: ITF
OCR STYLE	Select the POS code type. 1: EAN/UPC13 2: EAN/UPC 8/3:10 DIGITS 13/4:5DIGITS 8/5:GS1 6:GS1 ST/7:GS1 STO/8:GS1 LIMITED/9:GS1 EXPANDED/10: ITF
GS1 EXP FORMAT	Select the GS1 EXP format. 1:(01) (3922) (3103)/ 2:(01) (3922) (3103) (15)
POS FORMAT(WGT)	Select the POS format (weight). Press button to open POS FORMAT list. Select the format from the list.
POS FORMAT (FIX PRICE)	Select the POS format (fix price). Press button to open POS FORMAT list. Select the format from the list.

2.15.3 ITEM CODE

BARCODE (ITEM CODE) 30-03-2017 (THU) 16:34

DEPARTMENT No. DIGIT SET

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

GROUP No. DIGIT SET

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

EAN/UPC 13 DIGIT SET

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

EAN/UPC 8 DIGIT SET

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

POS FLAG

POS CODE

ITEM CODE

Menu name	Specification
DEPARTMENT No. DIGIT SET	Execute the digit set of department number. Press numerical number to switch the selection. Press numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)
GROUP No. DIGIT SET	Execute the digit set of group number. Press numerical number to switch the selection. Press numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)
EAN/UPC 13 DIGIT SET	Execute the digit set of JAN code (13 digits). Press numerical number to switch the selection. Press numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)
EAN/UPC 8 DIGIT SET	Execute the digit set of JAN code (8 digits). Press numerical number to switch the selection. Press numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)

2.16 CUSTOM BARCODE

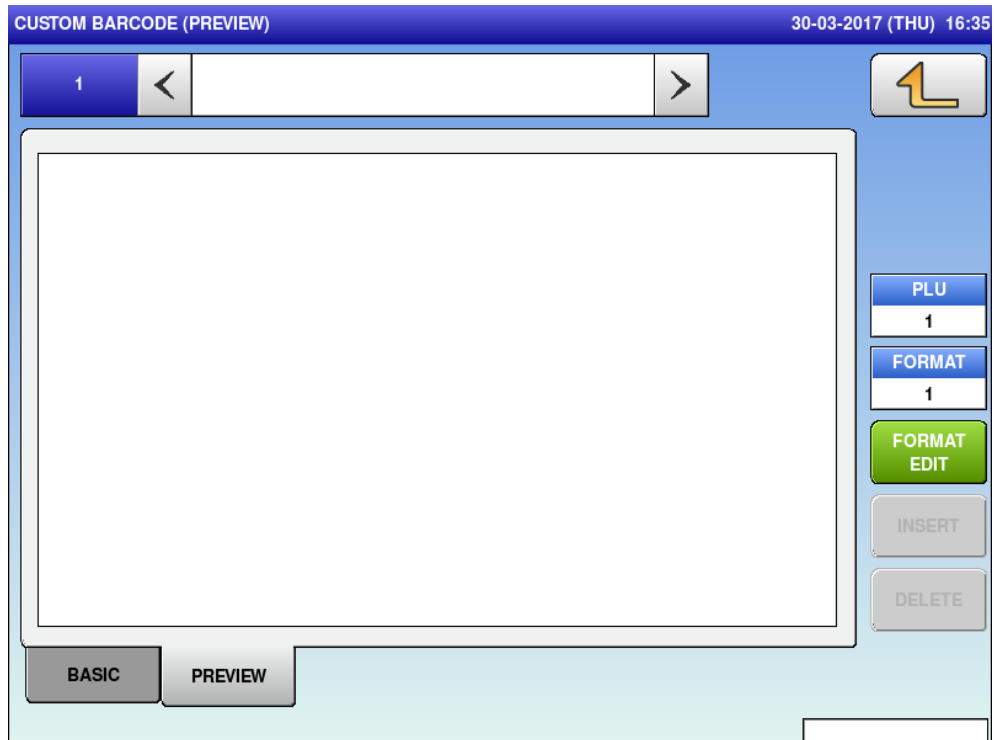
2.16.1 BASIC

No.	ID	START	DIGIT	DATA	CTRL
1					

Menu name	Specification
No.	Press button to switch the selection.
ID	Enter the ID to be combined. Press button to open the CUSTOM BARCODE ID LIST. Select the ID from the list.
START	Enter the start digit. Input range: 1 to 999
DIGIT	Enter the digit number. 0: ALL or 1 to 999
DATA	Display the set ID data. Press button to open the edit screen only when the ID is set to PRE PRINT.
CTRL	Select the control character. 0: NONE 1: ()
PLU	Enter the item number to be used for the preview. Input range: 1 to 99999999 Other tabs also have the same function.
FORMAT	Input range: 1 to 999 Other tabs also have the same function.
FORMAT EDIT	Open the format edit screen. Other tabs also have the same function.
INSERT	Insert the blank line in front of selected line.

Menu name	Specification
DELETE	Delete the selected line.

2.16.2 PREVIEW



Menu name	Specification
	The combined-barcode preview is displayed only.

2.17 MENU TITLE

MENU TITLE (OPERATE) 30-03-2017 (THU) 16:36 1/2

No.	DEFAULT NAME	NEW NAME
1001	SALES	SALES
1003	ACC1	ACC1
1004	ACC2	ACC2
1005	ACC3	ACC3
1006	SALES RETURN	SALES RETURN
1002	TOTAL ADJUST	TOTAL ADJUST
1008	POS FUNCTION	POS FUNCTION
1009	LOG IN/OUT	LOG IN/OUT

OPERATE TOTAL PROGRAM SETUP ADJUST

EDIT

Menu name	Specification
DEFAULT NAME	Display the menu name before editing. Press button to select the menu name.
NEW NAME	Display the menu name after editing. Press button to select the menu name.
EDIT	Transfer to the edit screen of the selected menu name.

(All tabs have the same operations so their explanations are omitted here.)

2.18 OPERATION SETTING

2.18.1 CALL1

OPERATION SETTING (CALL1) 30-03-2017 (THU) 16:37

FIND PLU				
START CHAR.	LINE1	LINE2	ALL	START LINE2

PROMO CONFIRMATION	FREEMASTER FOR URL
NO YES	15



DISP FONT	DEPARTMENT
NO LINKED LINKED	NO YES

CALL1	PROD.	TIMER	CR1	CR2	INPUT	SELF
-------	-------	-------	-----	-----	-------	------

Menu name	Specification
FIND PLU	Select how to search PLU. START CHAR./ LINE1/ LINE2/ ALL/ START LINE2
PROMO CONFIRMATION	Select whether or not to confirm a sales promotion. YES/ NO
FREEMASTER FOR URL	Enter the free master number to use in the URL. Input range: 0 to 15
DISP FONT	Select whether or not to link the printing font to the LABEL FORMAT. NO LINKED/ LINKED
DEPARTMENT	Select whether or not to handle the department number. NO/ YES

2.18.2 PRODUCTION

OPERATION SETTING (PRODUCTION) 31-03-2017 (FRI) 12:12

WEIGHTED ITEMS' WEIGHT RANGES CHECK		 				
NO	YES					
TARE SELECT						
1st TARE	2nd TARE					
FIX PRICE AUTO PRN (WEIGHT)						
NO	YES					
FIX PRICE ITEMS' WEIGHT RANGES CHECK						
NO	YES					
AUTO PRINT DELAY(sec)						
0.000						
NUTRITION LABEL PRINT						
NO	YES					
SUBTOTAL CLEAR						
PRINT	CALL					
FIX UPR POP UP						
NO	YES					
PAST DATE CHECK						
YES	NO					
CALL1	PROD.	TIMER	CR1	CR2	INPUT	SELF

Menu name	Specification
WEIGHED ITEMS'WEIGHT RANGES CHECK	Select whether or not to check the weight of weighed items. NO/ YES
TARE SELECT	Select the tare. 1st TARE/ 2nd TARE
FIX PRICE AUTO PRN (WEIGHT)	Select whether or not to check and print the weight of fixed-price product. NO/ YES
FIX PRICE ITEMS' WEIGHT RANGES CHECK	Select whether or not to check the weight of fixed-price product. NO/ YES
AUTO PRINT DELAY(sec)	Enter the delay time when set the fix price auto printing. Input range: 0 to 9.999
NUTRITION LABEL PRINT	Select whether or not to print the nutrition label. NO/ YES
SUBTOTAL CLEAR	Select and set the clear timing of the subtotal data. PRINT: Cleared when the subtotal is printed CALL: Cleared when the item is called
FIX UPR POP UP	In calling the fixed price item, select and set whether to display the popup display for fixed weight setting. NO/ YES
PAST DATE CHECK	Select whether or not to make ineffective from an earlier date. YES/ NO

2.18.3 TIMER

OPERATION SETTING (TIMER) 30-03-2017 (THU) 16:42

REGISTRATION TIMER 0	SUB-TOTAL TIMER 0	PRINTING TERM. TIMER 0
SELF CATEGORY TIMER 0	SELF PRESET TIMER 0	SELF SEARCH TIMER 0
NORMAL CATEGORY TIMER 0		

CALL1 PROD. **TIMER** CR1 CR2 INPUT SELF

Menu name	Specification
REGISTRATION TIMER	Enter the registration timer. Input range: 0 to 9999 (seconds)
SUB-TOTAL TIMER	Enter the time to return to the previous screen while no operation in the subtotal mode. Input range: 0 to 9999 (seconds)
PRINTING TERM.TIMER	Enter the time to return to the previous screen while no operation after printing in the subtotal mode. Input range: 0 to 9999 (seconds)
SELF CATEGORY TIMER	Enter the category timer. Input range: 0 to 9999 (seconds)
SELF PRESET TIMER	Enter the preset timer. Input range: 0 to 9999 (seconds)
SELF SEARCH TIMER	Enter the search timer. Input range: 0 to 9999 (seconds)
NORMAL CATEGORY TIMER	Enter the time to return to the previous screen from the category page in normal mode. Input range: 0 to 9999 (seconds)

2.18.4 CR1

OPERATION SETTING (CR1) 30-03-2017 (THU) 16:44

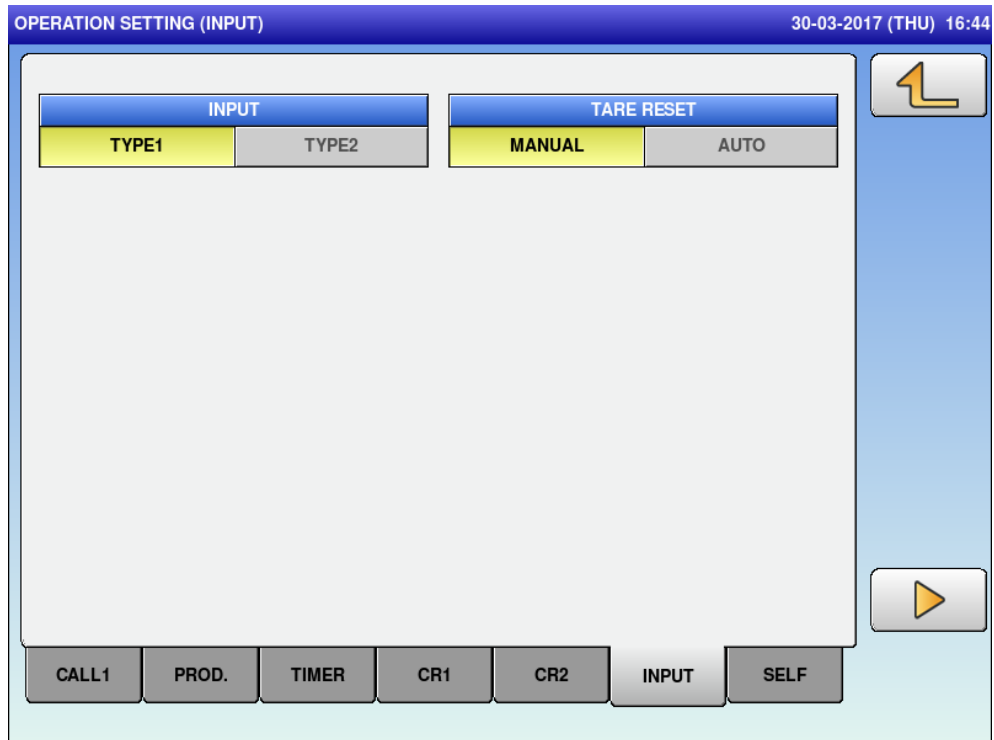
		VAT PRINT	
		NO	YES
AUTO MODE OPERATION		DRAWER OPEN	
CONTINUE	EACH	PRN START	PRN END
DRAWER 0 OPEN		REISSUE	
NO	YES	CALL UP TICKET	OPEN TICKET

▶

CALL1 PROD. TIMER CR1 CR2 INPUT SELF

Menu name	Specification
VAT PRINT	Select whether or not to print the vat printing. NO/ YES
AUTO MODE OPERATION	Select the automatic operation mode. CONTINUE/ EACH
DRAWER OPEN	Select the drawer operation to open. PRN START/ PRN END
DRAWER 0 OPEN	Select whether or not to operate the drawer 0 open operation. NO/ YES
REISSUE	Select the reissue operation. CALL UP TICKET/ OPEN TICKET

2.18.6 INPUT



Menu name	Specification
INPUT	Select the type for input. TYPE1/ TYPE2
TARE RESET	Select mode of tare resetting. MANUAL/ AUTO

2.18.7 SELF

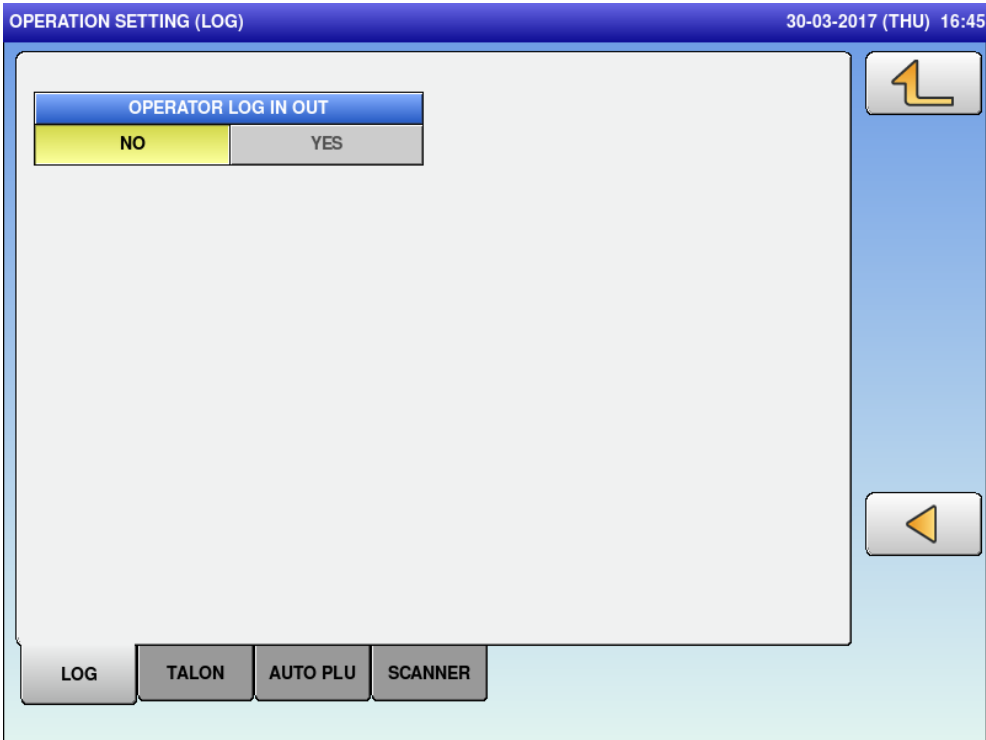
OPERATION SETTING (SELF) 30-03-2017 (THU) 16:44

PRINT MODE <input checked="" type="radio"/> MANUAL <input type="radio"/> AUTO	SEARCH TYPE <input checked="" type="radio"/> PRESET <input type="radio"/> PLU
AUTO PRINT TIMING(msec) 0	CALL PRINT <input type="radio"/> NO <input type="radio"/> YES
PRESET SETTING	
GROUP NO. FOR WEIGHT ITEM 1	PAGE NO. FOR WEIGHT ITEM 1
GROUP NO. FOR F/P ITEM 1	PAGE NO. FOR F/P ITEM 2

▶

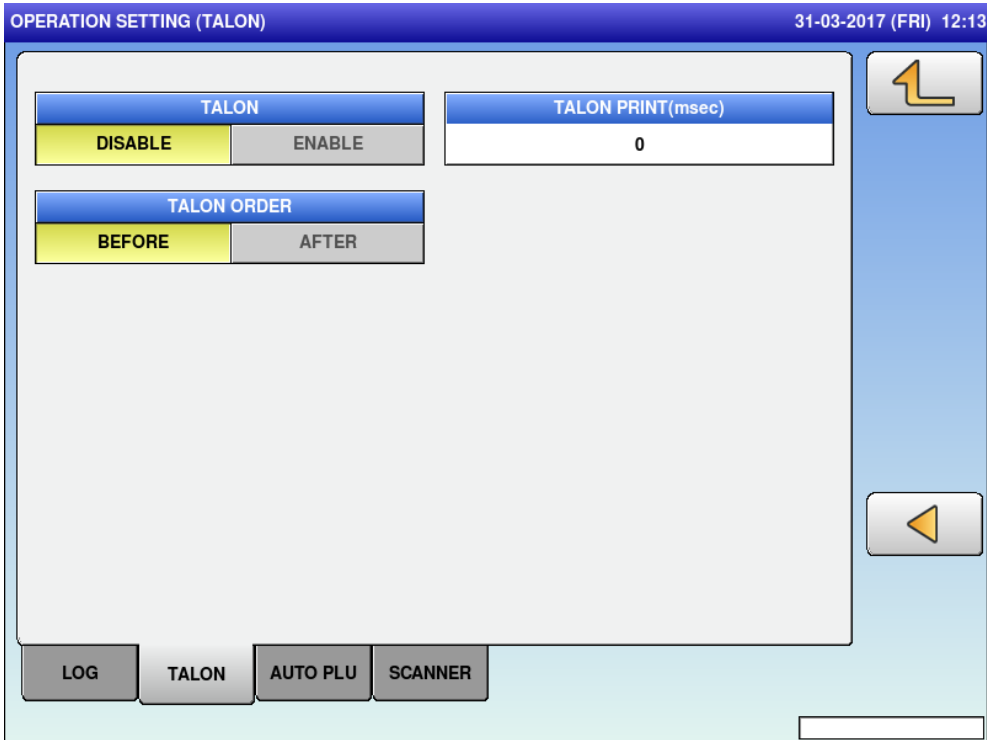
Menu name	Specification
PRINT MODE	Select mode for printing. MANUAL/ AUTO
SEARCH TYPE	Select the searching type. PRESET/ PLU
AUTO PRINT TIMING (msec)	Enter the time to set the auto print timing. Input range: 0 to 5000

2.18.8 LOG



Menu name	Specification
OPERATOR LOG IN OUT	Select whether or not to be used to login for the operator. NO/ YES

2.18.9 TALON



Menu name	Specification
TALON	Select the talon. DISABLE/ ENABLE
TALON PRINT(msec)	Enter the time to set the talon printing. Input range: 0 to 3000
TALON ORDER	Select the talon. BEFORE/ AFTER

2.18.10 AUTO PLU

OPERATION SETTING (AUTO PLU) 30-03-2017 (THU) 16:45

AUTO PLU CALL

NONE	3DIGIT	4DIGIT	5DIGIT	6DIGIT	7DIGIT	8DIGIT	TIMER
------	--------	--------	--------	--------	--------	--------	-------

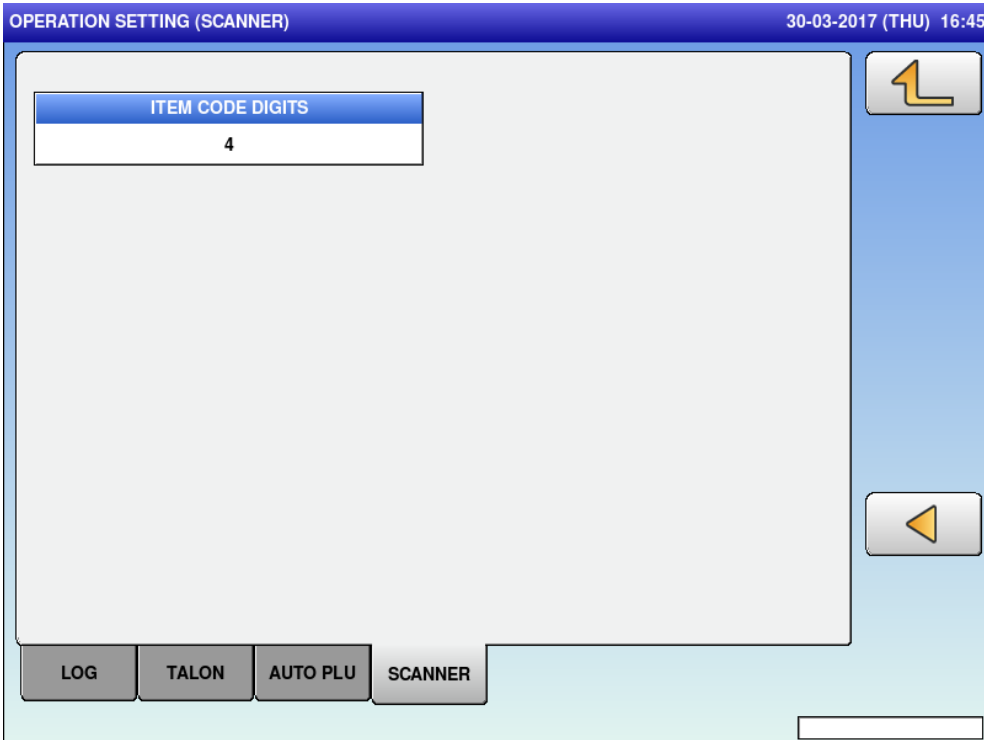
AUTO PLU TIMER(msec)

0

LOG
TALON
AUTO PLU
SCANNER

Menu name	Specification
AUTO PLU CALL	Select the type for input. NONE/ 3DIGIT/ 4DIGIT/ 5DIGIT/ 6DIGIT/ 7DIGIT/ 8DIGIT/ TIMER
AUTO PLU TIMER(msec)	Enter the time from the enter the numeric key to the start of auto PLU calling operation. Input range: 0 to 9999

2.18.11 SCANNER



Menu name	Specification
ITEM CODE DIGITS	Enter digits of item code. Input range: 4 or 5

2.19 ERROR PROCESS

2.19.1 ISSUE

The screenshot shows a software interface for handling errors. It features a title bar with the text 'ERROR PROCESS (ISSUE)' and a timestamp '30-03-2017 (THU) 16:46'. The main content area is divided into three sections, each with a blue header and a grey body containing options. The first section is titled 'PRINTING AT €0 PRICE' and lists three options: 'BARCODE=0 No PRICE', 'No BAR. PRICE=0', and 'No BAR. No PRICE'. The second section is titled 'DISPLAY ERROR: TARE WEIGHT NOT SET' and has 'NO' and 'YES' options. The third section is titled 'DISPLAY ERROR: ZERO (€ 0) PRICE' and has 'NO' and 'YES' options. At the bottom of the screen, there are three buttons labeled 'ISSUE', 'CALL', and 'COMMON'. A yellow arrow icon is visible in the top right corner of the main area.

Menu name	Specification
PRINTING AT 0 PRICE	Select the action of printing at 0. BARCODE=0 No PRICE/ No BAR.PRICE=0/ No BAR. No PRICE The currency unit depends on the country master.
DISPLAY ERROR: TARE WEIGHT NOT SET	Select whether or not to display the error message when the tare weight is not set. NO/ YES
DISPLAY ERROR: ZERO PRICE	Select whether or not to display the error message of 0 price. NO/ YES

2.19.2 CALL

ERROR PROCESS (CALL) 30-03-2017 (THU) 16:48

NO POS CODE SET ERROR

<input type="checkbox"/> NO ERROR DISPLAY	<input type="checkbox"/> NO LABEL PRINT	<input type="checkbox"/> NO BAR PRINT
---	---	---------------------------------------

ERROR PROCESS

<input type="checkbox"/> EXTRA MSG.1	<input type="checkbox"/> INGREDIENT	<input type="checkbox"/> EXTRA MSG.3
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES

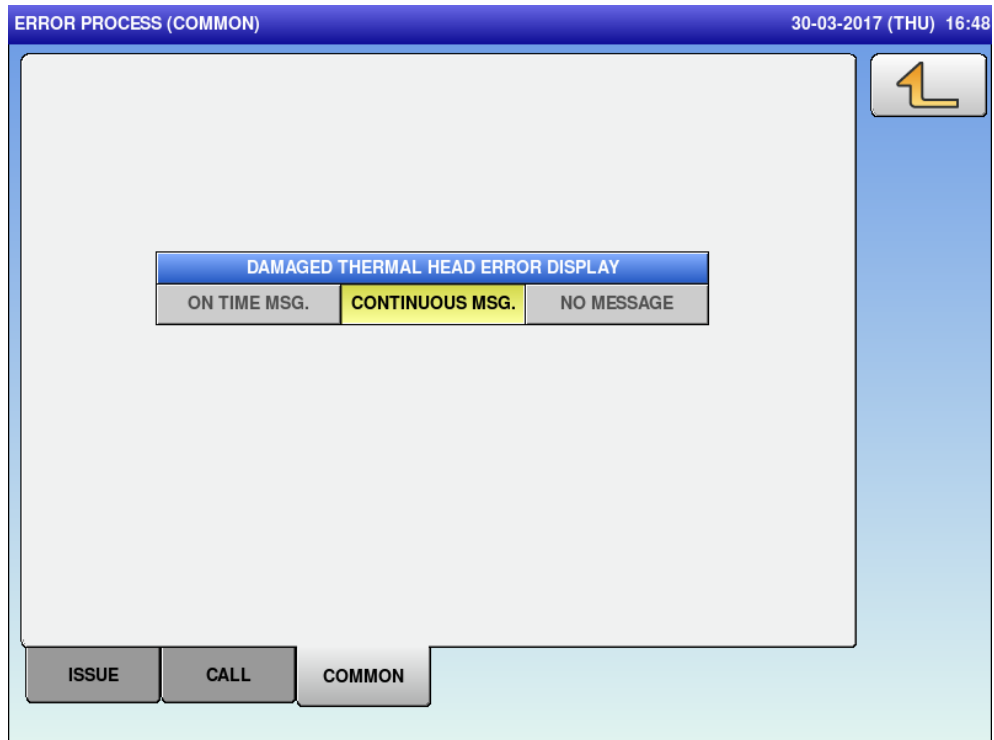
ISSUE

CALL

COMMON

Menu name	Specification
NO POS CODE SET ERROR	Select the action when the POS code is not set. NO ERROR DISPLAY/ NO LABEL PRINT/ NO BAR PRINT
ERROR PROCESS	Set the error display operation when the link master at item calling does not exist. NO/ YES

2.19.3 COMMON



Menu name	Specification
DAMAGED THERMAL HEAD ERROR DISPLAY	Select how to set the error message of damaged thermal head. ON TIME MSG/ CONTINUOUS MSG/ NO MESSAGE

2.20 ERROR LOG

2.20.1 DISPLAY

ERROR LOG (DISPLAY) 30-03-2017 (THU) 16:48 1/3

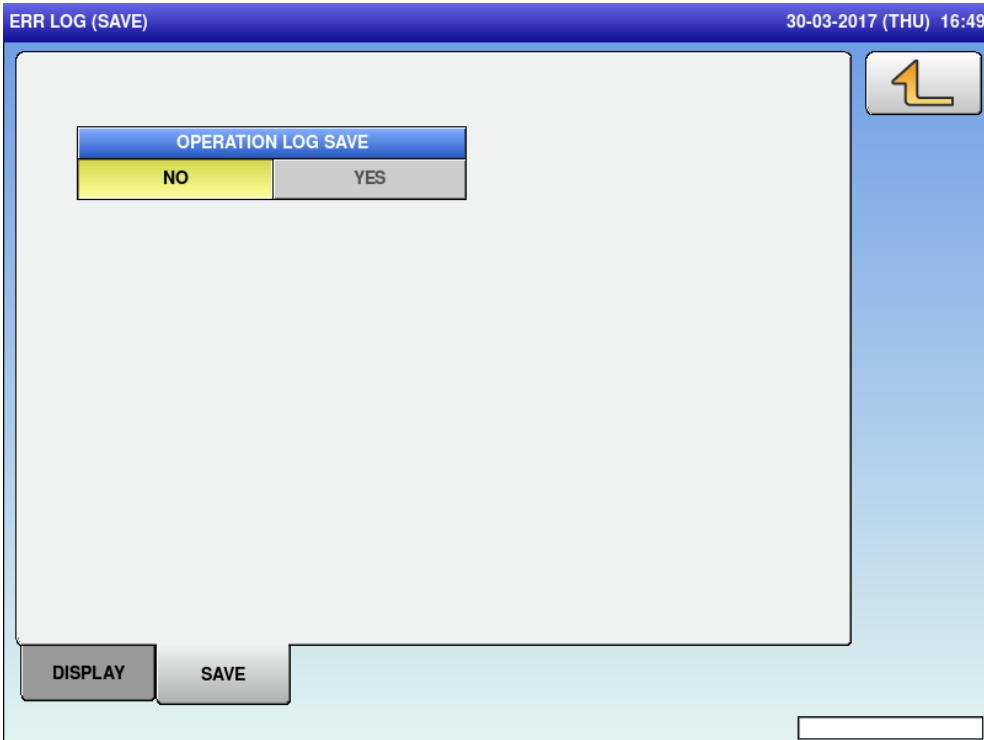
DATE/TIME	ERROR No.	PLU		ERROR DESCRIPTION
03/30 15:52:35	0361-0000	0	0	POWER IS ON
03/30 15:51:25	19006-0000	20170330	0	POWER OFF
03/30 15:51:23	19006-9999	20170330	0	POWER OFF
03/30 15:51:21	19006-9999	20170330	0	POWER OFF
03/30 15:37:36	0361-0000	0	0	POWER IS ON
03/30 13:29:28	19006-0000	20170330	0	POWER OFF
03/30 13:29:23	19006-9999	20170330	0	POWER OFF
03/30 13:29:22	19006-9999	20170330	0	POWER OFF
03/30 13:25:28	0361-0000	0	0	POWER IS ON
03/30 13:07:03	0361-0000	0	0	POWER IS ON

DISPLAY SAVE DELETE

LOG LEVEL
ONLY ERR.

Menu name	Specification
LOG LEVEL	Select the error log level to be displayed on the list. ONLY ERR./ ERR. +OPE.
DELETE	Delete the error log. The DELETE CHECK dialog appears to ask whether to delete the error log.

2.20.2 SAVE



Menu name	Specification
OPERATION LOG SAVE	Select whether or not to save the operation log. NO/ YES

2.21 TRACEABILITY

Menu name	Specification
TRACEABILITY TYPE	Select the traceability type. TYPE1/ TYPE2 (TYPE1 is simple traceability.)
TRACEABILITY TOTAL	Select whether or not to add the traceability total. NO/ YES
TRACE. DATA DELETE	Select the manual or auto deletion of traceability data. MANUAL/ AUTO
TRACEABILITY PASSWORD	Enter the traceability password. This function is enabled when [TYPE2] is selected in the TRACEABILITY TYPE. 0 or 4-digit number
TRACE RECEIPT PRINT	Select whether or not to print the trace receipt. NO PRINT/ PRINT
LOOKUP TABLE EDIT	Select whether or not to enable the lookup table edit on the traceability screen in the normal mode. NO/ YES

2.22 DUAL CURRENCY

DUAL CURRENCY 30-03-2017 (THU) 16:52

EXCH. RATE 4293	EXCH. RATE DEC. PNT. POS. 4		
PERIOD SELECTION			
LOCAL+FOREIGN	FOREIGN+LOCAL	LOCAL	FOREIGN
EXCH. RATE PRINT FLAG NO PRINT	PRINT	BARCODE PRICE SELECTION FOREIGN	LOCAL
LOCAL CURRENCY SYMBOL Lm	LOCAL CURR. DEC. PNT. POS. 2		

Menu name	Specification
EXCH. RATE	Enter the exchange rate of the second currency. Input range: 0 to 99999999
EXCH. RATE DEC. PNT. POS.	Enter the decimal point position of the exchange rate of the second currency. Input range: 0 to 7
PERIOD SELECTION	Select the currency combination. LOCAL+FOREIGN/ FOREIGN+LOCAL/ LOCAL/ FOREIGN
EXCH.RATE PRINT FLAG	Select whether or not to print the teach rate flag. NO PRINT/ PRINT
BARCODE PRICE SELECTION	Select the price selection of price. FOREIGN/ LOCAL
LOCAL CURRENCY SYMBOL	Enter the local currency symbol. Up to 3 bytes
LOCAL CURR. DEC. PNT. POS.	Enter the decimal point position of the local currency. Input range: 0 to 7

2.23 PRICE ROUNDING

PRICE ROUNDING 30-03-2017 (THU) 16:52

TAX ROUNDING

DOWN	4/5	UP
------	-----	----

PRICE ROUNDING

4/5	05
-----	----

DISCOUNT ROUNDING

DOWN	4/5	UP
------	-----	----

SUB-TOTAL PRICE ROUNDING

NON	05
-----	----

Menu name	Specification
TAX ROUNDING	Select the tax rounding type. DOWN/ 4/5/ /UP
PRICE ROUNDING	Select the price rounding type. 4/5/ 05
DISCOUNT ROUNDING	Select the discount rounding type. DOWN/ 4/5/ UP
SUB-TOTAL PRICE ROUNDING	Select the subtotal price rounding type. NON/ 05

2.24 FREQUENT SHOPPER

The screenshot shows a software interface for configuring the 'FREQUENT SHOPPER' feature. The interface has a blue header bar with the title 'FREQUENT SHOPPER' on the left and the date and time '31-03-2017 (FRI) 13:27' on the right. Below the header, there are three main configuration sections, each with a blue title bar and a white content area. The first section, 'BARCODE PRICE TYPE', has two buttons: 'NORMAL' (grey) and 'MARKDOWN' (yellow). The second section, 'LOGO IMAGE 1 No.', has a text input field containing '000'. The third section, 'PRICE DISP', has two buttons: 'NO' (yellow) and 'YES' (grey). A yellow arrow icon is located in the top right corner of the main content area. At the bottom right of the screen, there is a small white rectangular box.

Menu name	Specification
BARCODE PRICE TYPE	Select the barcode price type. NORMAL/ MARKDOWN
LOGO IMAGE 1 No.	Enter the logo image 1 number. Input range: 0 to 999
PRICE DISP	Select whether or not to display the price for the frequent shopper when the discount rounding is set. NO/ YES

2.25 DATA DISTRIBUTION

2.25.1 MACHINE

DATA DISTRIBUTION (MACHINE) 30-03-2017 (THU) 16:53 1/1

MACHINE No.	IP ADDRESS

MACHINE DATA DELETE

Menu name	Specification
MACHINE No.	Enter the machine number. Input range: 0 to 99
IP ADDRESS	Enter the IP address. Input range: "0.0.0.0" to "255.255.255.255"
DELETE	Delete the selected line.

2.25.2 DATA

DATA DISTRIBUTION (DATA) 30-03-2017 (THU) 16:54 1/6


DATA NAME	SELECT	
PLU	YES	NO
CAMPAIGN	YES	NO
OPERATOR	YES	NO
PRESET KEY (LCD)	YES	NO
AD MSG.	YES	NO
STORE	YES	NO
DEPARTMENT	YES	NO
GROUP	YES	NO

MACHINE DATA

ALL SELECT

Menu name	Specification
DATA NAME	Display the data name.
SELECT	Select whether or not to distribute the master. YES/ NO
ALL SELECT	Select all lines.

2.26 TAX

TAX					30-03-2017 (THU) 16:55
TAX No.	TAX TYPE			TAX RATE	
0	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
1	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
2	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
3	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
4	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
5	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
6	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
7	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
8	EXCLUDED	INCLUDED	EXEMPT	5.00 %	
9	EXCLUDED	INCLUDED	EXEMPT	5.00 %	

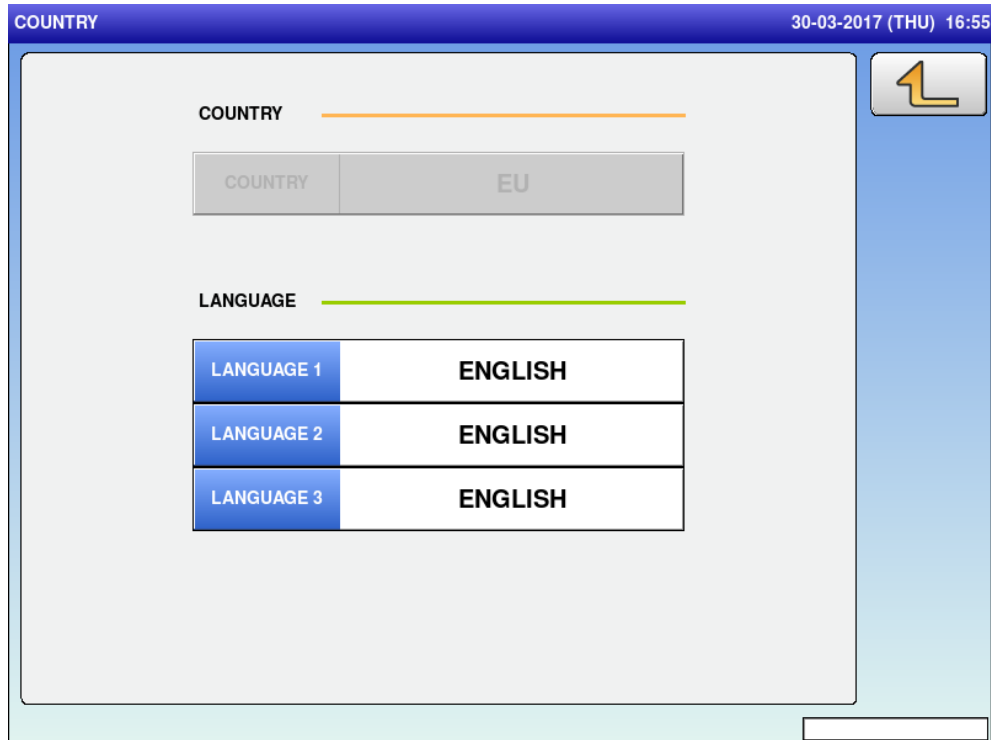
Menu name	Specification
TAX TYPE	Select tax type. EXCLUDED/ INCLUDED/ EXEMPT
TAX RATE	Enter the tax rate. Input range: 0.00 to 99.99 (%)

2.27 STANDBY MODE

The screenshot shows a configuration screen for standby mode. It features a blue title bar with the text 'STANDBY MODE' and a timestamp '30-03-2017 (THU) 16:55'. The main area contains two settings: 'SLEEP START TIMER' set to 300 and 'SLEEP START TIMER FOR SELF' set to 0. A yellow arrow icon is located in the top right corner of the main area.

Menu name	Specification
SLEEP START TIMER	Enter the time to standby mode. The unit is in minutes.
SLEEP START TIMER FOR SELF	Enter the time to standby mode for self. The unit is in minutes.

2.28 COUNTRY



Menu name	Specification
COUNTRY	Select the country. Enter 951753 and press PLU to enable this function. Press COUNTRY button to open the list and select the country.
LANGUAGE	Enter the first to third language. Press button to open the list and select the language.

2.29 FILE SAVE/LOAD

2.29.1 USB>SCALE

Menu name	Specification
INPUT SOURCE	Display the name of the input source.
INPUT SELECT	Open the FILE SAVE/LOAD IN SELECT screen. The input source is listed only when the files are saved on the USB flash drive.
MASTER NAME	Display the master name. Press button to change the selection. Other tabs also have the same function.
NUMBER	Display the number of master data. Other tabs also have the same function.
ALL SEL.	Change the selections of all masters. This function is enabled when the input source file is set. Other tabs also have the same function.
DETAIL	Open the FILE SAVE/LOAD OUT (DETAIL) screen. Other tabs also have the same function.
EXEC	Execute the file input of selected master. The INPUT CHECK dialog appears to ask whether to input the file.

2.29.2 SCALE>USB

FILE SAVE/LOAD (SCALE > USB) 31-03-2017 (FRI) 12:13 1/1

OUT SOURCE OUTPUT SELECT

MASTER NAME	NUMBER

ALL SEL. DETAIL EXEC

USB > SCALE SCALE > USB USB DATA DEL SCALE INIT.

Menu name	Specification
OUT SOURCE	Display the name of the output source.
OUTPUT SELECT	Open the FILE SAVE/LOAD OUT SELECT screen. SET: Enter the output source. EDIT: Edit the name of the output source.
ALL SEL.	Switch between "All items selected" / "All items unselected".
DETAIL	Move to the FILE SAVE/LOAD / DETAIL screen.
EXEC	Execute the file output of selected master. The OUTPUT CHECK dialog appears to ask whether to output the file.

2.29.3 USB DATA DEL.

FILE SAVE/LOAD (USB DATA DEL) 30-03-2017 (THU) 16:56 1/1

DELETE SOURCE DELETE SELECT

MASTER NAME	NUMBER

ALL SEL. DETAIL EXEC

USB > SCALE SCALE > USB USB DATA DEL SCALE INIT.

Menu name	Specification
DELETE SOURCE	Display the name of the deletion source.
DELETE SELECT	Open the FILE SAVE/LOAD OUT SELECT screen. SET: Enter the deletion source. EDIT: Edit the name of the deletion source.
MASTER NAME	Display the master name of the file in the folder of USB memory specified as "Deletion destination".
ALL SEL.	Switch between "All items selected" / "All items unselected".
EXEC	Execute the file output of selected master. The OUTPUT CHECK dialog appears to ask whether to output the file.

2.29.4 SCALE INIT.

FILE SAVE/LOAD (SCALE INIT.) 30-03-2017 (THU) 16:56 1/9

DATA INTERNAL MASTER

MASTER NAME	NUMBER
PLU	52 (52)
STORE	2
FIX PRICE SYMBOL	20
FREE MSG.1	0
FREE MSG.2	0
FREE MSG.3	0
FREE MSG.4	0

MEMORY SPACE
292,724 KB

PLU MASTER CONV.
334915 EA

ALL SEL.

DETAIL

EXEC

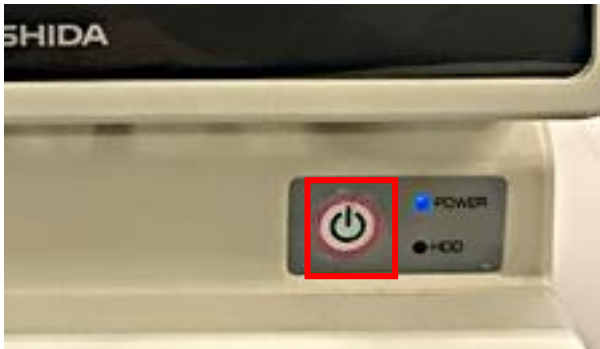
USB > SCALE SCALE > USB USB DATA DEL SCALE INIT.

Menu name	Specification
DATA	Display the master name. Press button to change the selection.
MASTER NAME	Display the master name in the scale. Line selection/deselection is available.
NUMBER	Display the data Number of the master inside the scale.
MEMORY SPACE	Display the memory space inside the scale in kilobyte (kB).
PLU MASTER CONV.	Display the approximate value about how many items master can store in the free space.
ALL SEL.	Switch between "All items selected" / "All items unselected".
EXEC	Initialize the selected master. The INITIALIZATION CHECK dialog appears to ask whether to initialize the master.

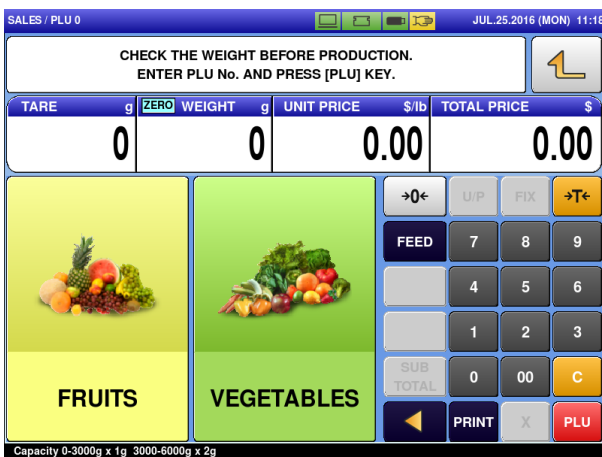
Chapter 3 Adjust Mode


3.1 Adjust mode menu

3.1.1 Startup



1. Turn on power.



2. Press  button at the upper right side of screen.

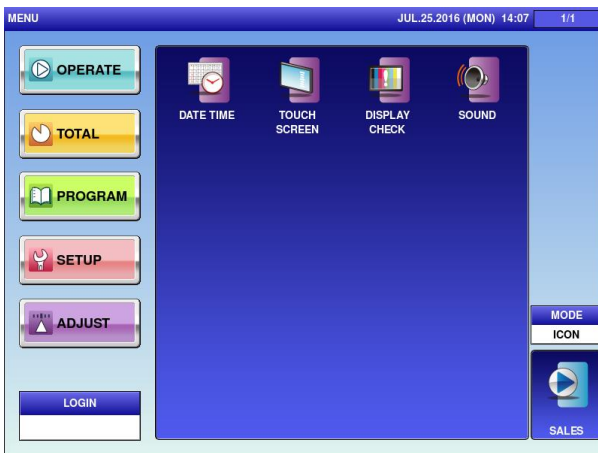


Press [ADJUST] and [LOGIN] button, then input password "495344" using numerical keys, and press [SET] button.



3. Press only [LOGIN] button to log out.

Before log in



Login screens



Common operating buttons



: Return to Menu.



: Return to previous page.



: Go to next page.



: Input [.]

3.2 DATE TIME

DATE TIME 31-03-2017 (FRI) 13:28

DATE 31-03-2017

TIME 13:27:59

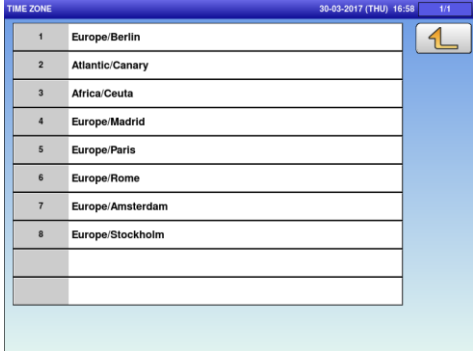
KEYIN LEN/DATE FORMAT
 1~2 : DD
 3~4 : DD-MM
 8 : DD-MM-YYYY

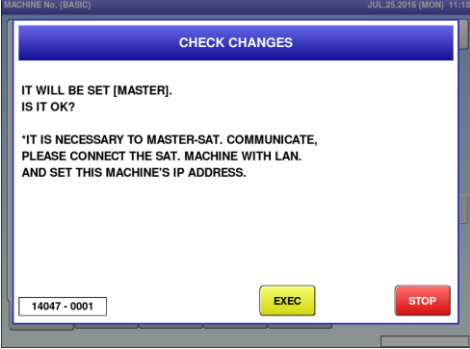
JULIAN DATE
 90-2017

KEYIN LEN/TIME FORMAT
 1~2 : SS
 3~4 : MM:SS
 5~6 : HH:MM:SS

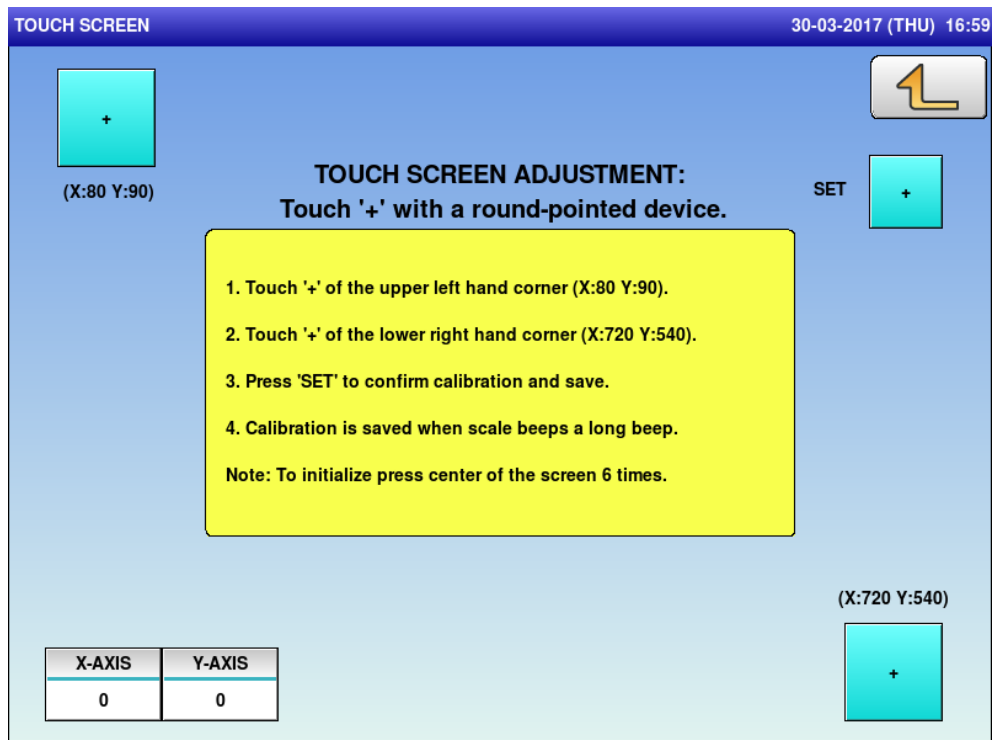
TIME ZONE
 Asia/Tokyo (JST)

SET

Menu name	Specification
DATE	Enter the date conforming to KEYIN LEN/DATE FORMAT. If "25072016" is entered, "JUL.25.2016" is displayed. If "25" is entered, " JUL.25.2016" is displayed. If "2507" is entered, " JUL.25.2016" is displayed.
TIME	Enter the time conforming to KEYIN LEN/TIME FORMAT. If "00" is entered, "13:11:00" is displayed. If "1100" is entered, "13:11:00" is displayed. If "131100" is entered, "13:11:00" is displayed.
JULIAN DATE	Display the number of days counted from January 1.
TIME ZONE	Select your time zone to define. 

Menu name	Specification
SET	<p>Set the entered date and time.</p> <p>CHECKING CLOCK SETTING dialog appears to ask whether to change the date and time.</p> <p>When any change is made, save the setting (with confirmation message).</p> 

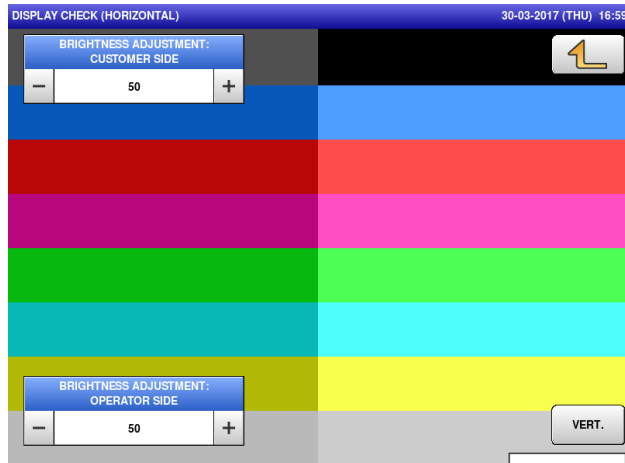
3.3 TOUCH SCREEN



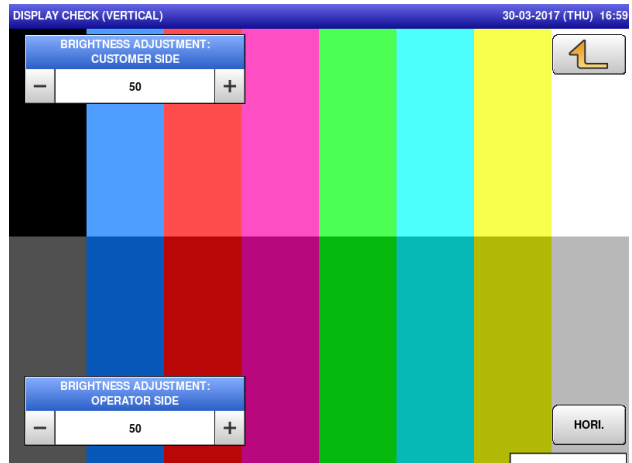
Menu name	Specification
	For initialization of touch panel, press center of the screen 6 times.

3.4 DISPLAY CHECK

● HORIZONTAL screen

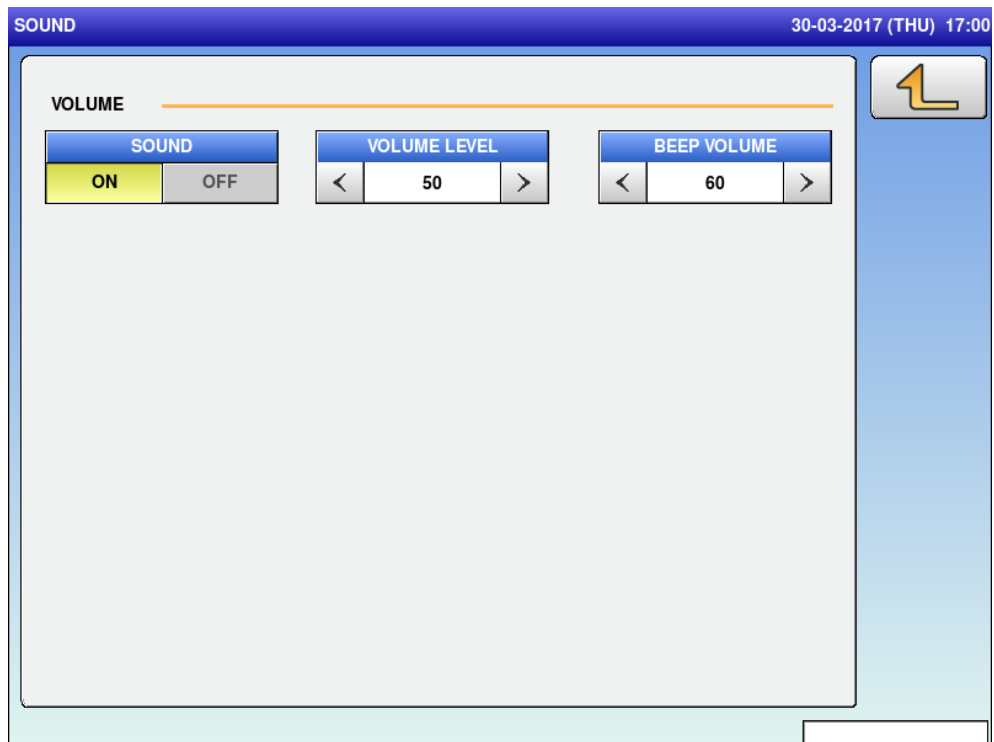


● VERTICAL screen



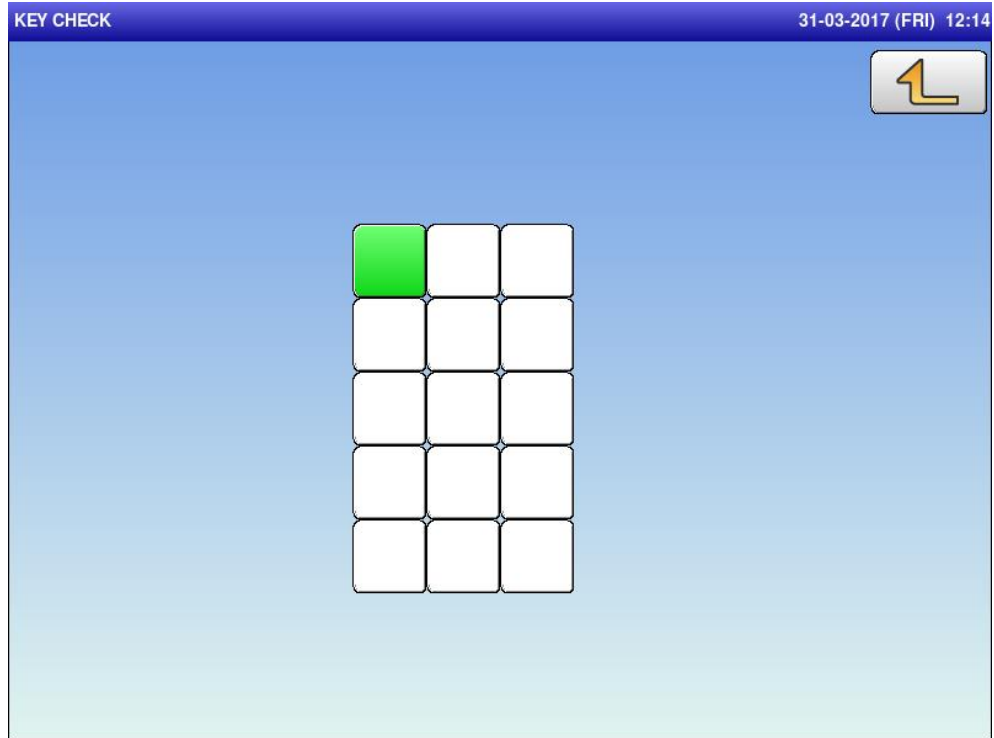
Menu name	Specification
BRIGHTNESS ADJUSTMENT: CUSTOMER SIDE	Enter the brightness of customer-side display. Input range: 0 to 100
BRIGHTNESS ADJUSTMENT: OPERATOR SIDE	Enter the brightness of operator-side display. Input range: 0 to 100
VERT. / HORI.	Switch between the vertical and horizontal screen display.

3.5 SOUND



Menu name	Specification
SOUND	Select sound ON or OFF.
VOLUME LEVEL	Enter volume level. Input range: 0 to 100
BEEP VOLUME	Enter beep volume level. Input range: 0 to 100

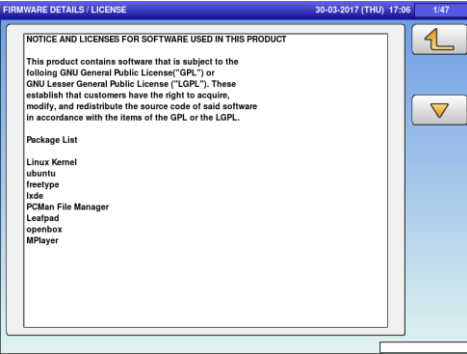
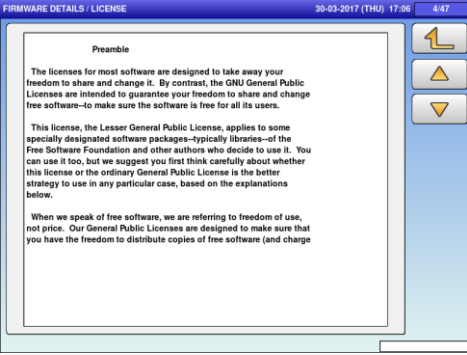
3.6 KEY CHECK



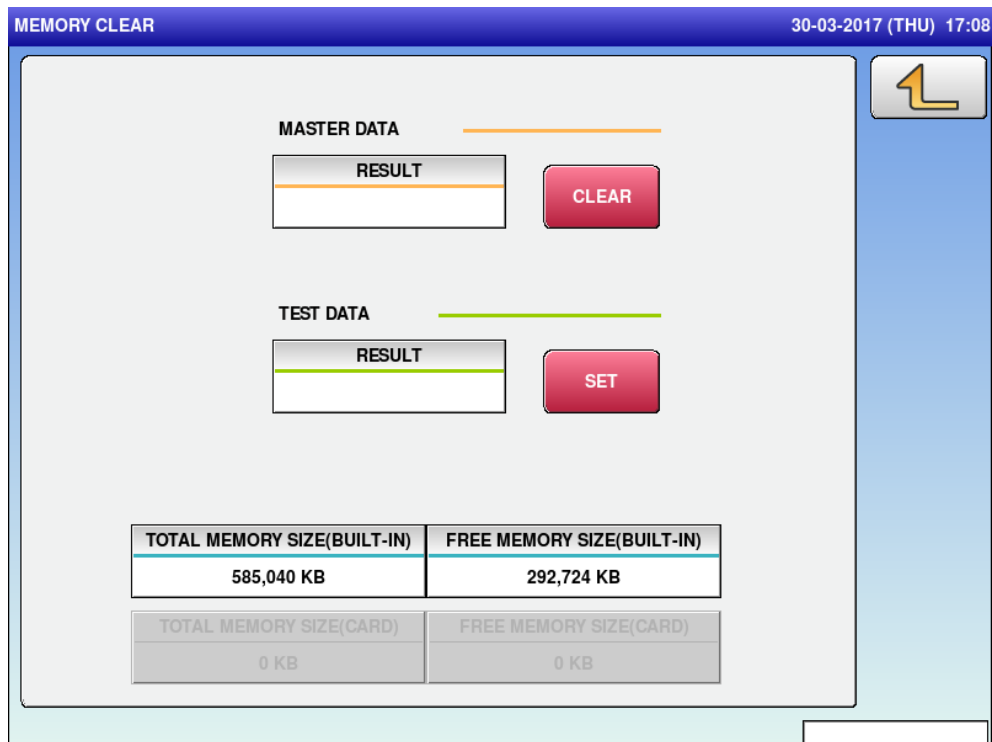
Menu name	Specification
	The touched button changes to green, showing the button is activated.

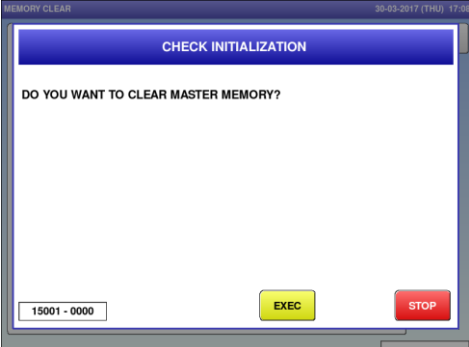
3.7 FIRMWARE DETAILS

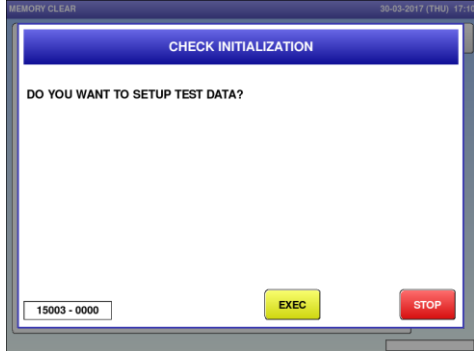
FIRMWARE DETAILS		30-03-2017 (THU) 17:06	
TITLE SOFTWARE	C1921W	LICENSE	
SOFTWARE	VERSION	SOFTWARE	VERSION
MAIN	C1922W		
SCALE DRIVER (UPDATER)	B0671(J0835)		
OS	J0829C	PRINTER APP.(BOOT)	C2110A(J0827)
BIOS	J0825		
FPGA APP.(BOOT)	J0820C(J0824)		

Menu name	Specification
LICENSE	<p>Move to the FIRMWARE DETAILS / LICENSE screen.</p>  <p style="text-align: center;">↓</p> 

3.8 MEMORY CLEAR

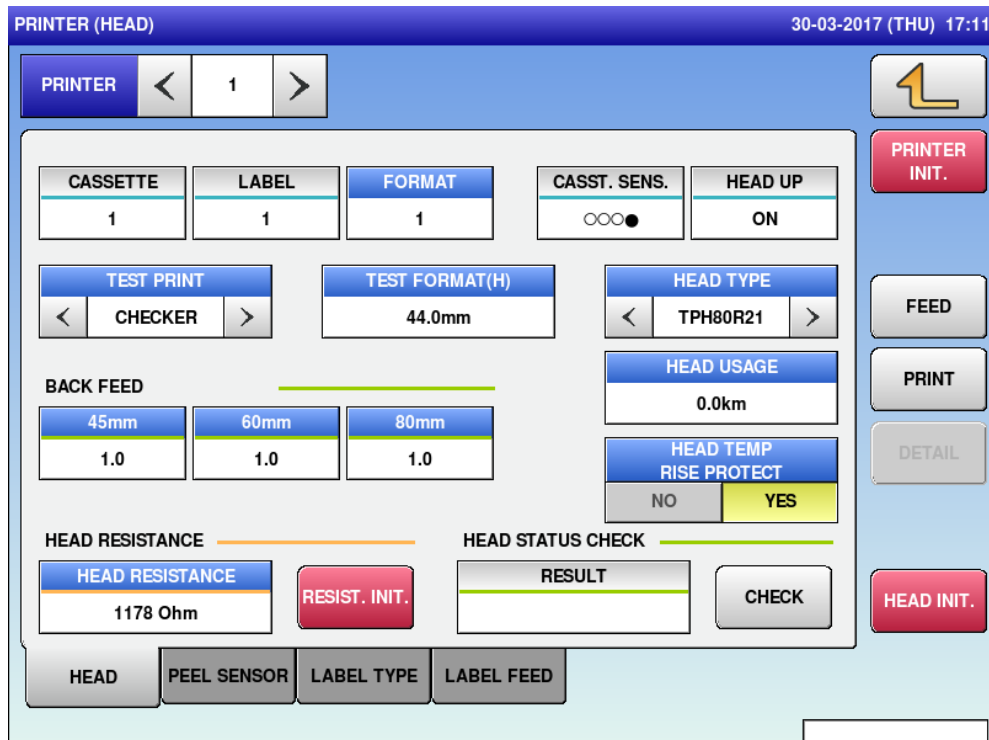


Menu name	Specification
MASTER DATA CLEAR	<p>Clear all DB and initialize the system master.</p> <p>The CHECK INITIALIZATION dialog (memory clear) appears to ask whether to clear the memory.</p> 

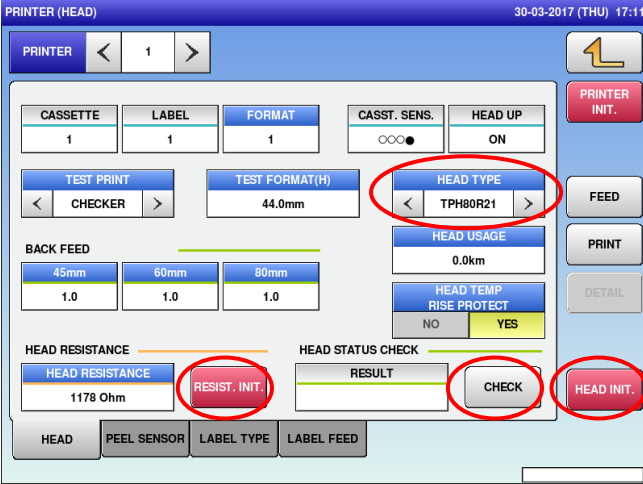
Menu name	Specification
TEST DATA SET	<p>Set the initial data and initialize the system master.</p> <p>CHECK INITIALIZATION dialog (test data setting) appears to ask whether to set the test data.</p> <p>For Oceanian model, the password "951753" should be entered to set the test data.</p> 
TOTAL MEMORY SIZE (BUILT-IN)	Display the built-in memory size in kilobyte (kB).
FREE MEMORY SIZE (BUILT-IN)	Display the free memory size in kilobyte (kB).

3.9 PRINTER

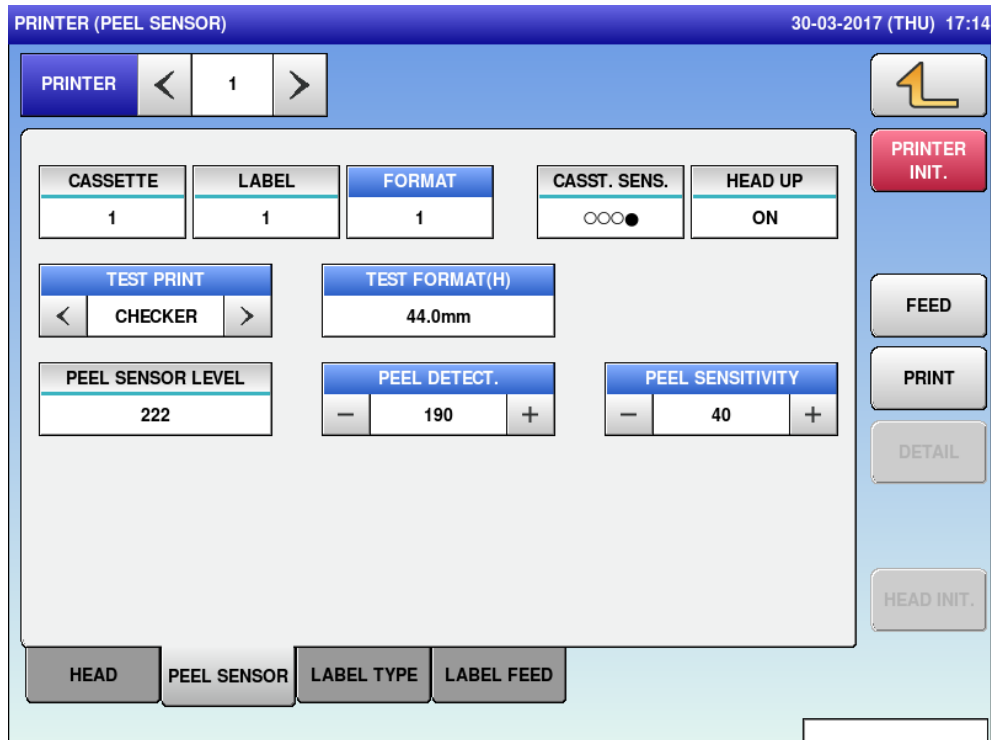
3.9.1 HEAD



Menu name	Specification
PRINTER	Display only 1.
FORMAT	Enter the format number for the test print. Input range: 0 to 999 If there is no format, nothing is printed.
TEST PRINT	Select CHECKER (checkered pattern) or NORMAL (normal pattern).
TEST FORMAT(H)	Enter the height of format directly. Input range: 0 to 999
HEAD TYPE	Select the head type. BWP6317/ TPH80R21
BACK FEED ADJUSTMENT	Enter the back feed for each label length. Input range: 0 to 99
HEAD USAGE	Enter the head travel distance. Input range: 0 to 999
HEAD TEMP RISE PROTECT	Select whether or not to protect the head in case its temperature rises. NO/ YES
HEAD RESISTANCE	Enter the head resistance. Input range: 0 to 9999
RESIST.INIT.	Initialize the head resistance.

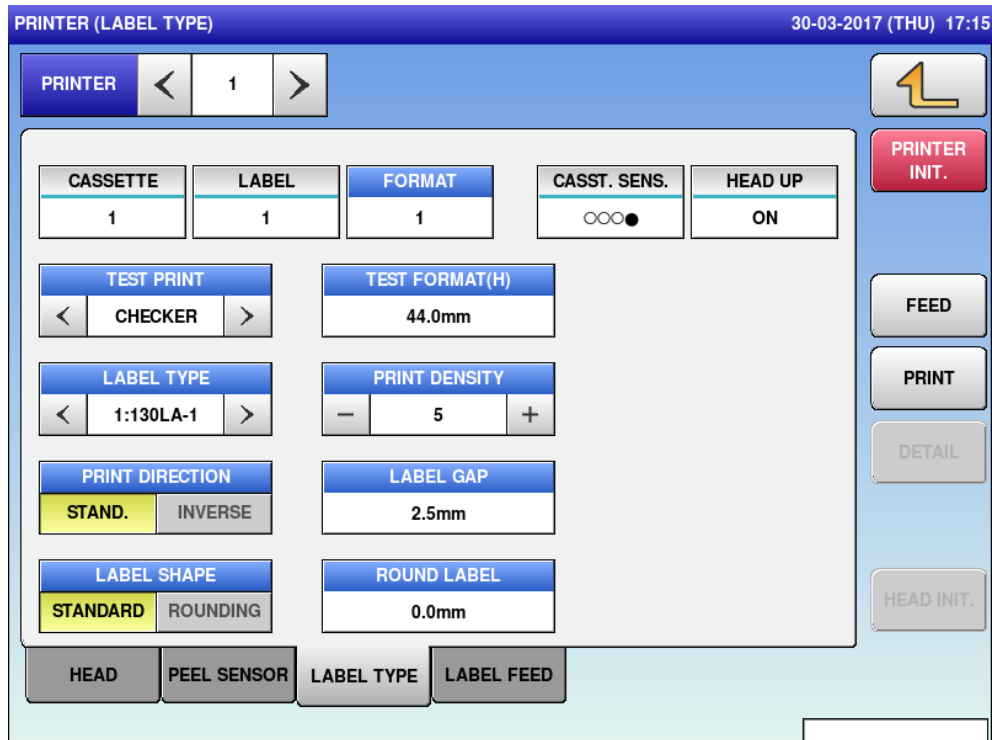
Menu name	Specification
PRINTER INIT.	<p>Initialize the printer.</p> <p>CHECK INITIALIZATION dialog (printer initialization) appears to ask whether to initialize the printer.</p> <p>Other tabs also have the same function.</p>
PRINT	<p>Execute the print.</p> <p>Other tabs also have the same function.</p>
FEED	<p>Execute the feed.</p> <p>Other tabs also have the same function.</p>
HEAD INIT.	<p>Initialize the thermal head.</p> <p>CHECK INITIALIZATION dialog (head initialization) appears to ask whether to initialize the thermal head.</p> <p>Follow the procedure below.</p> <ol style="list-style-type: none"> ① Press [HEAD INIT.]. ② On the confirmation screen, press [EXEC]. ③ Check HEAD TYPE on the printer to enter the head type to be mounted. ④ Press [RESIST.INIT.] in HEAD RESISTANCE. ⑤ Press [CHECK] in HEAD STATUS CHECK to check the head availability. 

3.9.2 PEEL SENSOR



Menu name	Specification
PEEL DETECT.	Enter the threshold value of peel sensor. Input range: 0 to 255
PEEL SENSITIVITY	Enter the sensitivity of peel sensor. Input range: 0 to 255
PEEL SENSOR LEVEL	Display the output value of peel sensor.
<p>Enter the threshold depending on PEEL SENSOR LEVEL at the time the backing paper remains on the sensor or not.</p> <p>(e.g. If the value at the time the backing paper remains is 180 and if the value at the time the backing paper does not remain is 80, the threshold is entering to about 150.)</p>	

3.9.3 LABEL TYPE



Menu name	Specification
LABEL TYPE	Select the label type. 0: RECEIPT/ 1:130LA-1/ 3:150LA-1
PRINT DENSITY	Enter the print density. Input range: 0 to 9
PRINT DIRECTION	Select the print direction. STAND./ INVERSE
LABEL GAP	Enter "Interval between labels" of the label roll set to the printer. Input range: 0 to 99.9
LABEL SHAPE	Select the label shape. STANDARD/ ROUNDING
ROUND LABEL	Enter the correction value of irregular-shaped label. Input range: 0 to 999

3.9.4 LABEL FEED

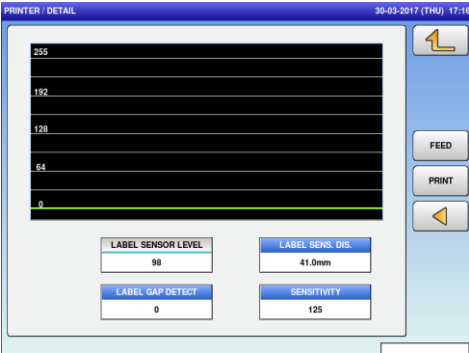
PRINTER (LABEL FEED) 30-03-2017 (THU) 17:15

PRINTER < 1 >

CASSETTE 1	LABEL 1	FORMAT 1	CASST. SENS. ○○○●	HEAD UP ON
TEST PRINT CHECKER	TEST FORMAT(H) 44.0mm	PEEL SENSOR USE NO USE	FEED	
SENSOR TYPE 1:LABEL	PRINT SPEED 120mm/s	BACK FEED NO YES	PRINT	
LABEL SENS. DIS. 41.0mm	PRE-PRINT LENGTH 7.5mm	BACK FEED LEN. 0.0mm	DETAIL	
LABEL SENSOR LEVEL 98	LABEL GAP DETECT - 0 +	SENSITIVITY - 125 +	HEAD INIT.	

HEAD PEEL SENSOR LABEL TYPE LABEL FEED

Menu name	Specification
SENSOR TYPE	Select the sensor type. 0: NONE/ 1: LABEL/ 2: MARK
PRINT SPEED	Select the print speed. 100 mm/s/ 120 mm/s/ 150 mm/s
BACK FEED	Select whether or not to set the back feed. NO/ YES
LABEL SENS. DIS.	Enter the label sensor distance. Input range: 0 to 99.9
PRE-PRINT LENGTH	Enter the pre-print length. Input range: 0 to 99.9
LABEL GAP DETECT.	Enter the label sensor threshold. Input range: 0 to 255
SENSITIVITY	Enter the label sensor sensitivity. Input range: 0 to 255
LABEL SENSOR LEVEL	Display the output value of label sensor.

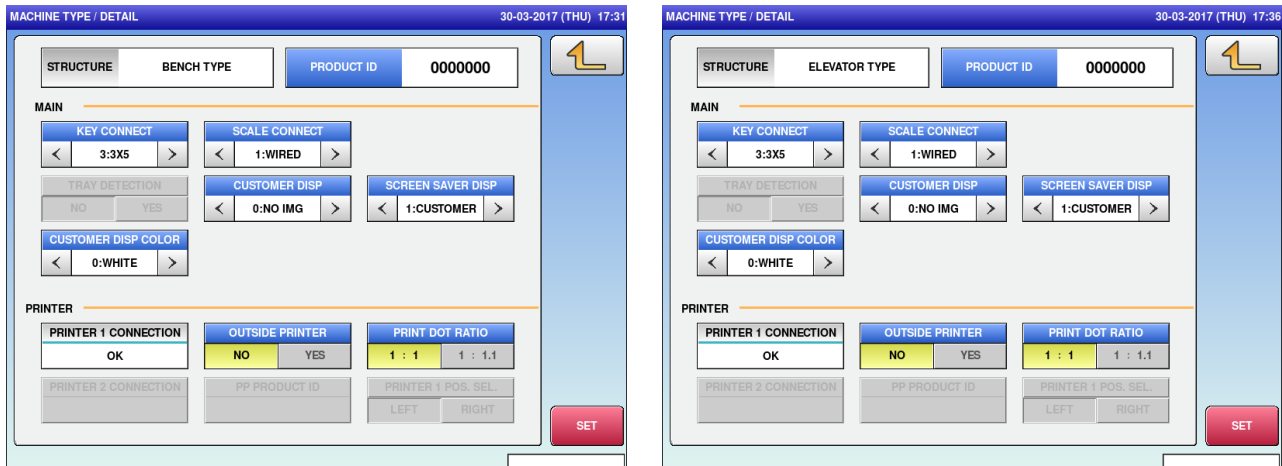
Menu name	Specification
DETAIL	<p data-bbox="475 219 986 248">Transfer to the label sensor details screen.</p> 
<p data-bbox="156 651 1153 680">Enter the label sensor sensitivity so as not to exceed the peak value of label sensor.</p> <p data-bbox="156 696 1126 725">(e.g. If the label sensor peak is about 120, the threshold is entering to about 100.)</p>	

3.10 MACHINE TYPE



Menu name	Specification
Select type.	

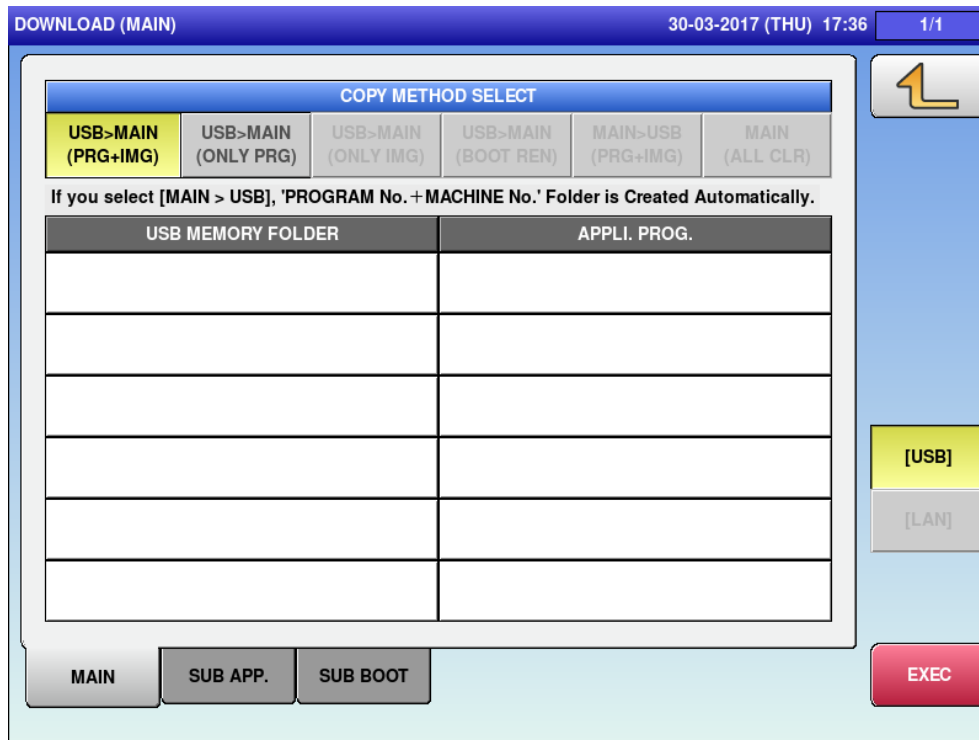
3.10.1 DETAIL



Menu name	Specification
PRODUCT ID	Enter the product ID in seven digits. Input range: 0 to 9999999
KEY CONNECT	Select whether to connect the numeric keys. 0: NONE/ 1: 3x6/ 2: 6x4/ 3: 3x5
SCALE CONNECT	Select whether to connect the scale. 0: NONE/ 1: WIRED/ 2: WIRELESS
TRAY DETECTION	Select whether to use the tray detection function. NO/ YES
CUSTOMER DISP	Select whether to connect the customer display. 0: NO IMG/ 1: IMG
SCREEN SAVER DISP	Select display to indicate the screen saver. 0: SHOP/ 1: CUSTOMER
CUSTOMER DISP COLOR	Select display color of the customer display. 0: WHITE/ 1: BLACK
PRINTER 1 CONNECTION	Display the communication status with Printer No.1.
OUTSIDE PRINTER	Select whether or not to connect the external printer. NO/ YES
PRINT DOT RATIO	Select printing dot ratio. 1:1/ 1:1.1
SET	Save the setting (with confirmation message).

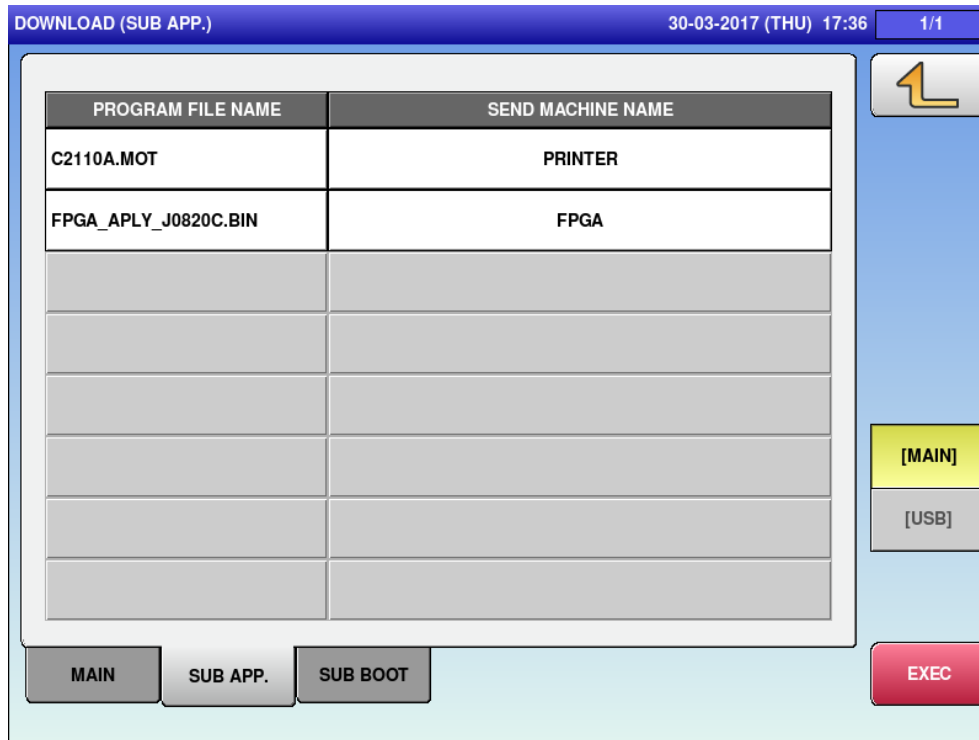
3.11 DOWNLOAD

3.11.1 MAIN



Menu name	Specification
COPY METHOD SELECT	When “USB>MAIN (PRG+IMG)” is selected, the program and the image data of the selected USB memory folder are downloaded. When “USB>MAIN (ONLY PRG)” is selected, only the program of the selected USB memory folder is downloaded. The image data is not downloaded.
USB MEMORY FOLDER	Press button to switch the selection.
APPLI. PROG.	Press button to switch the selection.
EXEC	Download the selected program. The CHECK EXECUTION OF MAIN PROGRAM DOWNLOAD dialog appears to ask whether to download the program.

3.11.2 SUB APP.



Menu name	Specification
PROGRAM FILE NAME	Press button to switch the selections.
SEND MACHINE NAME	Press button to switch the selections.
MAIN/USB	Select where the program is downloaded from. MAIN/ USB
EXEC	Download the selected program. The CHECK FOR EXECUTION OF DEVICE MACHINE PROGRAM dialog appears to ask whether to download the program.

3.11.3 SUB BOOT

DOWNLOAD (SUB BOOT) 30-03-2017 (THU) 17:37 1/1

PROGRAM FILE NAME	SEND MACHINE NAME

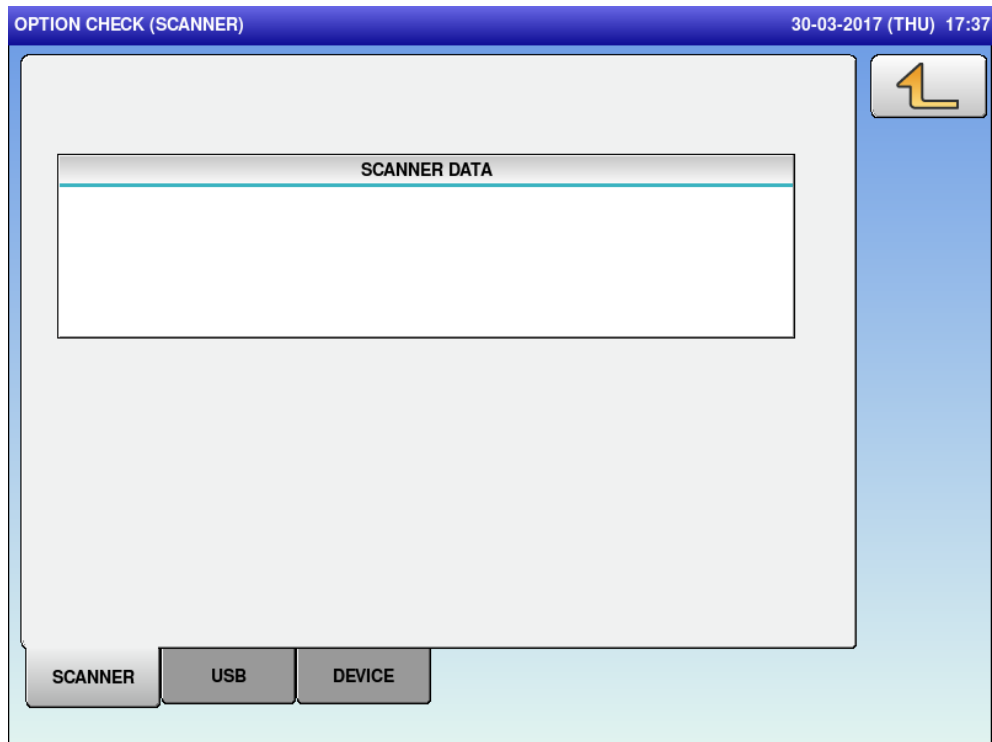
[MAIN] [USB]

MAIN SUB APP. SUB BOOT EXEC

Menu name	Specification
PROGRAM FILE NAME	Press button to switch the selections.
SEND MACHINE NAME	Press button to switch the selections.
MAIN/USB	Select where the program is downloaded from. MAIN/ USB
EXEC	Download the selected program. The CHECK FOR EXECUTION OF DEVICE MACHINE PROGRAM dialog appears to ask whether to download the program.

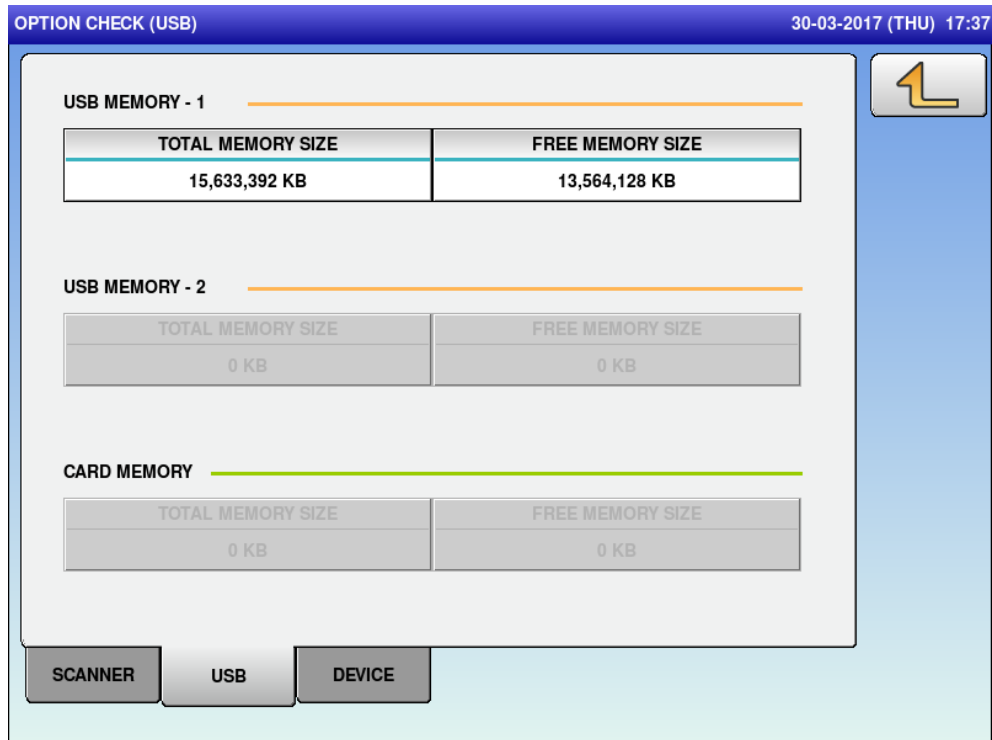
3.12 OPTION CHECK

3.12.1 SCANNER



Menu name	Specification
SCANNER DATA	Display the scanned data.

3.12.2 USB



Menu name	Specification
USB MEMORY -1	Display the information of connected USB memory.
USB MEMORY -2	Display the information of connected USB memory.
CARD MEMORY	Display the information of connected SD card memory.

3.12.3 DEVICE

OPTION CHECK (DEVICE) 30-03-2017 (THU) 17:37

RESOURCE

CPU 39 %	MEMORY 165228/1016760
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DEVICE

FAN 1052	BATTERY 239
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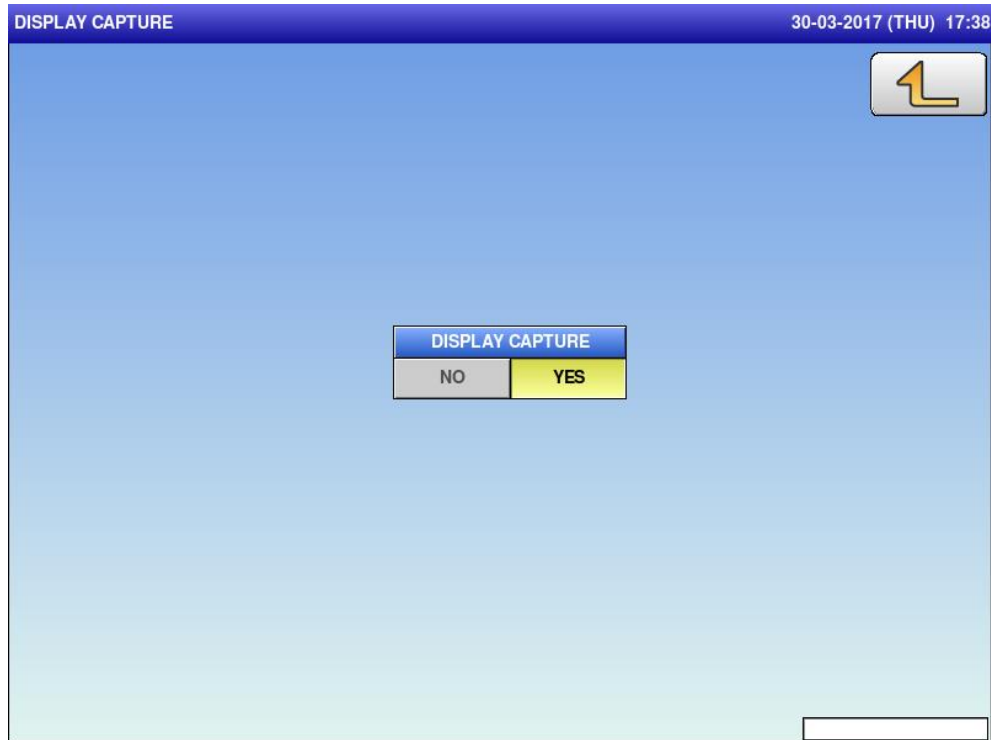
DRAWER

PORT #1	EXEC
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SCANNER	USB	DEVICE
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Menu name	Specification
CPU	Display the CPU use rate.
MEMORY	Display the use size and the total size of the internal memory.
FAN	Display the rotation count of the CPU fan. Unit: internal count
BATTERY	Display the battery voltage. Unit: internal AD value
DRAWER PORT #1	Testing the serial port 1 using loopback.
EXEC	Execute the testing.

3.13 DISPLAY CAPTURE



Menu name	Specification
DISPLAY CAPTURE	<p>Select display capturing. NO/ YES</p> <p>At power ON, [NO] is selected as a default setting.</p> <p>Selecting [YES] displays the camera mark at the lower left side of the screen.</p> <p>Pressing the camera mark on each screen captures the screen, and creates the PNG file. The data is stored in the Capture folder in the USB memory.</p> <p>The PNG file name is created in series with the name from "000_xxxx.jpg" to "999_xxxx.jpg" (xxxx refers to the screen name). When a file already has the same name, the file is overwritten. The data is reset when the power is ON, and is created again from the name "000_xxxx.jpg".</p>



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