ISHIDA Uni-3

Quick Setup Guide

For detailed instructions, refer to the Ishida Uni-3 Technical Manual, PN 166736

Authorized distributors and their employees can view or download this manual from the Rice Lake Weighing Systems website at www.ricelake.com

Menu Navigation

To enter a mode, enter the corresponding number and press the **Mode** key. To exit, press the **Mode** key again.

Some functions in the Setup and Adjustment modes are restricted to authorized service personnel. Enter the service password 495344 and press **PLU** to access all mode steps. They will then be available until the scale returns to normal operation mode.

- Use the **Up** and **Down** arrow keys to select a parameter within a menu.
- Press the **Enter** key to enter a parameter.
- Use the **Up** and **Down** arrow keys to scroll through the menu options.
- Use the **Left** and **Right** arrow keys to scroll through the choices of each parameter.
- Enter the choice number and press **Enter** to select the desired choice.

Note *All menu options may not be available depending on what settings are selected.*

Setup 6000		Adjustment 4000		Operation 2000		Total 8000		Program 9000	
B01	Machine No.(comms)	C01	Date/Time	S01	Sales	F01	Sales Daily Total	P01	PLU
B02	Sales Mode	C03	Display Check	S06	Total Adjust	F02	Sales Weekly Total	P02	Campaign
B03	Password	C04	Key Check	S07	POS Function	F03	Sales Cumulative Total	P03	Operators
B05	Data Storage	C05	Firmware Details			F05	Product Daily Total	P04	Preset Keys
B06	Preset Report	C06	Memory Clear			F06	Product Weekly Total	P05	Ad Message
B07	PLU Overwrite	C07	Printer			F07	Product Cumulative Total	P06	Store
B08	PLU Initial Data	C08	Calibration			F09	Preset Report	P07	Department
B10	Receipt Setting	C10	Download			F10	POS Report	P08	Group
B11	Cassette	C11	Option Check			F11	Drawer Report	P09	Cook Time
B12	Label Spec	C13	Model			F12	Total Clear	P10	Nutrition
B13	Label Format							P11-P13	Extra Message 1-3
B14	Barcode							P14	Coupon Message
B17	Operation Setting							P15	POP message
B18	Error Process							P19	Lookup Table
B20	Traceability							P21	Fix Price Symbol
B21	Dual Currency							P22-P36	Free Message 1-15
B22	Price Rounding							P37	Check Label
B23	Frequent Shopper							P38	Stamp Price
B26	Country								
B27	File Save/Load								
B28	Data Distribution								
B29	Tax								
B31	Mode Code								

Table 1. Menu Navigation

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Set the Time and Date

Use the following steps to set the time and date.

1. Remove the Speed Key Insert page.
2. Enter **4000** then press **Mode**. *C00 ADJUST* will display.
3. Press the **Down Arrow**. *C01 DATE TIME* will display.
4. Press **Enter**. *C01-01 DATE* will display.
5. Enter the date in a MMDDYYYY format.
   Example: For June 21, 2015, enter 06212015.
6. Press **Enter** twice. *C01-2 TIME* will display.
7. Enter the time in a HHMMSS format.
   Example: For 1:10:00 pm, enter 131000 (time is entered in 24 hour format).
8. Press **Enter** twice. *C01-03 LOCAL YEAR* displays.
9. Press **Mode**. *1801-0000 CHECKING CLOCK SETTING* will display.
10. Press **Enter**. *C01 DATE TIME* will display.
11. Press **Mode** twice to exit Adjustment Mode. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling.

Program Store Address

Use the following steps to enter store information.

1. Remove the Speed Key Insert page.
2. Enter **9000** then press **Mode**. *P00 PROGRAM* will display.
3. Press **6** then press the **Down Arrow**. *P06 STORE* will display.
4. Press **Enter**. *P06-00 no.XXXX* will display.
5. Enter Store Number then press **PLU**. *13001-0000 SET UP NEW DATA* will display.

> **Note** *If store information has been programmed it will display. If necessary, store information may be edited by pressing* Edit. *To delete any existing text, press* Line Delete.

6. Press **Enter**. *InP 0001-0000 00 0001* will display.
7. Type the store name then press **Enter**. *19001-0000 IS IT OK TO SAVE* will display.
8. Press **Enter**. *P06-00 no. XXXX* will display.
9. Press **2** then press the **Down Arrow**. *P06-02 ADDRESS* will display.
10. Press **Edit**. *InP 0001-0000 07 0001* will display.
11. Type the store address then press **Enter**. *InP 19001-0000 IS IT OK TO SAVE* will display.
12. Press **Enter**. *P06-00 no.XXXX* will display.
13. Press **4** then press the **Down Arrow**. *P06-04 PRINTER 1* will display.
14. Enter Store Number entered in step 5. Press **Enter** twice to assign programmed store. *P06-00 no.XXXX* will display.
15. Press **Mode** three times to exit the Program Mode. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling.

Program Price Changes

Use the following steps to change prices for existing items.

1. Remove the Speed Key Insert page.
2. Enter **9000** then press **Mode**. *P00 Program* will display.
3. Press **1** then press **Enter** twice. *P01-00 PLU* will display.
4. Enter the PLU number to be changed, then press **PLU**.
5. Press **4** then press the **Down Arrow**. *P01-01-04 UNIT PRICE* will display.

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6. Enter the new price and press **Enter**. *P01-01-04 UNIT PRICE* and the new price will display.

7. Repeat steps 4 - 6 until all price changes have been made.

8. Press Mode. *19001-0000 IS IT OK TO SAVE* will display.

9. Press **Enter**. *P01-00* will display.

10. Press **Mode** three times to exit Program Mode. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling.

Set Preset Speed Keys

Use the following steps to set up preset speed keys and function keys.

1. Remove the Speed Key Insert page.

2. Enter 9000 then press Mode. *P00 PROGRAM* will display.

3. Press 4 then press the **Down Arrow**. *P04 PRESET KEY* will display.

4. Press **Enter**. *P04-01 0 000* will display.

5. Enter the appropriate Key Flag No. from the list below, then press the PLU key (see Table 2).

6. If the key type requires a specific value such as PLU No. or Tare, enter the number. Otherwise, enter **0**.

7. Press desired speed key. The Key Flag No., key position number and key data value are displayed.

8. Repeat steps 5-7 for all preset speed keys.

9. Press **Mode** three times to exit Program Mode. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling.

Key Flag No.	Parameter	Key Flag No.	Parameter	Key Flag No.	Parameter
1	PLU	18	EXTRA MSG 3	34	SELL BY DATE
2	TARE	22	LABEL FORMAT	72	CASE WEIGHT
3	FIXED PRICE	23	IMAGE 1	75	AUTO/MANUAL MODE
4	X MULTIPLY	24	IMAGE 2	137	PRINT QTY
8	SAVE	26	PEEL MODE	156	LOWER PRESET
11	COUPON MSG	27	LABEL BATCH	162	ENTER FIXED WEIGHT
16	EXTRA MSG 1	32	UNIT PRICE	435	CASSETTE SWITCH
17	EXTRA MSG 2	33	PACK DATE		

Table 2. Common Key Flag Parameters

Note *To add a new PLU, see Section 5.1, P01-PLU Data in the Uni-3 Technical Manual.*

Set IP Address of the Scale

Use the following steps to set IP address of the scale.

1. Remove Speed Key insert page.

2. Enter **6000** then press **Mode**. *B00 SETUP* will display.

3. Enter the password 495344 then press PLU to enter service level. *B00 SETUP* will display.

4. Press **1** then press **Enter** twice. *B01-01 BASIC* will display.

5. Press the **Right Arrow,** then press **Enter**. *B01-02-01* will display.

6. Enter the 12 digit IP address, then press **Enter**. *B01-02-01* will display.

Note *Use leading zeros instead of decimals.*

Example: enter 192168004025 for 192.168.4.25

7. Press the **Down Arrow**. *B01-02-02* will display.

8. Enter the 12 digit Subnet Mask then press **Enter**. *B01-02-02* will display.

Example: enter 255255255000 for 255.255.255.0

9. Press the **Down Arrow**. *B01-02-03* will display.

10. Enter the 12 digit Gateway then press **Enter**.

    Example: enter 192168004001 for 192.168.4.1

Note *Set the Gateway as 0.0.0.0 if not required.*

11. Press **Mode**. *14034-0000 REBOOTING CHECK* will display.

12. Press **Enter**. *15029-0001 RE-BOOT CHECK* will display.

13. Power off the scale. Wait 10 seconds before proceeding.

14. Power on the scale. After rebooting, *PLEASE CONFIRM TIME* will display.

15. Press **Enter**. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling.

Set the IP Address of the PC

Use the following steps to set the IP address of the PC. This is the target address for a ping test.

1. Remove Speed Key insert page.

2. Enter **6000** then press **Mode**. *B00 SETUP* will display.

3. Enter the password 495344 then press PLU to enter service level. *B00 SETUP* will display.

4. Press **1** then press **Enter** twice. *B01-01 BASIC* will display.

5. Enter **2** then press the **Right Arrow**. *B01-03 PC COM* will display.

6. Press the **Down Arrow**. *B01-03-01* will display.

7. Enter the 12 digit PC IP address then press **Enter**. *B01-03-01* and entered IP Address will display.

8. Press the **Down Arrow** twice. *B01-03-03 COM CHK* will display.

9. Enter a number between 30 and 9999. Press Enter. *B01-03-03 COM CHK* and entered number will display.

Note *A value of 600 is recommended.*

10. Press **8** then press **Down Arrow**. *B01-03-08 PING TO PC* displays.

11. Press **Zero** to execute PING to test connection to PC. If ping is successful, there will be one long beep. If ping is unsuccessful, there will be five short beeps.

12. Press **Mode** three times to exit Setup Mode. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling

Configure Wi-Fi settings

Use the following steps to configure the Wi-Fi settings.

1. Remove Speed Key insert page.

2. Enter **6000** then press **Mode**. *B00 SETUP* will display.

3. Enter the password 495344 then press **PLU** to enter service level. *B00 SETUP* will display.

4. Press **Enter** twice. *B01-01 BASIC* is displayed.

5. Press **3** then press the **Right Arrow**. *B01-04 WI-FI* is displayed.

6. Press **Enter**. *B01-04-01 SECURITY* is displayed.

7. Enter a number **1-9** to set the encryption type then press **Enter**. *B01-04-01 SECURITY* is displayed.

Option	Encryption Type	Option	Encryption Type
1	NONE	6	WPA PSK TKIP
2	WEP64	7	WPA PSK CCMP
3	WEP128	8	WPA2 PSK TKIP
4	WEP64 Shared Key	9	WPA2 PSK CCMP
5	WEP128 Shared Key		

Table 3. Encryption Options

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8. Press the **Down Arrow**. *B01-04-02 Key Type* is displayed.

Note *Key Type is available only when options 2-9 are selected in step 7.*

9. Enter a number **1-3** to set the encryption type, then press **Enter**. *B01-04-02 Key Type* is displayed.

Number	Encryption Key Type
1	Hex
2	ASCII
3	Passphrase

Table 4. Encryption Key Types

10. Press the **Down Arrow**. *B01-04-03 SSID* is displayed.
11. Press **Edit**. Enter wireless network name. This is case sensitive.
12. Press **Enter** twice. *B01-04 WI-FI* is displayed.

Note *Steps 13-14 are available only when Key type is set as WEP. If Key Type is not set to WEP, skip to step 15.*

13. Press **Enter** four times. *B01-04-04 WEP KEY IND* is displayed.
14. Enter a number **1-4** to set the WEP key index, then press **Enter**. *B01-04-05 ENCRYPTION KEY* is displayed.

Number	WEP Key Index
1	Key1
2	Key2
3	Key3
4	Key4

Table 4. WEP Key Index Parameters

Note *The Encryption Key name in step B01-04-05 varies based on the Security Type selected in step 7.*

15. Press **Edit**. Enter the encryption key (case sensitive).
16. Press **Enter** twice. *B01-04 WI-FI* is displayed.
17. Press **Mode**. *14038-0009 WI-FI SET UP* is displayed. Wait 5 seconds before proceeding.
18. Press **Enter**. *14038-0010 WI-FI SET UP* is displayed. Wait 5 seconds before proceeding.
19. Press **Enter**. *B01-04 WI-FI* is displayed. Wait 5 seconds before proceeding.
20. Press **Mode**. *14034-0000 REBOOTING CHECK* is displayed. Wait 5 seconds before proceeding.
21. Press **Enter**. *15029-0001 REBOOT CHECK* is displayed. Wait 5 seconds before proceeding.
22. Power off the scale. Wait 10 seconds before proceeding.
23. Power on the scale. After rebooting, *PLEASE CONFIRM TIME* will display.
24. Press **Enter**. *KEY IN ITEM No.* will display
25. Confirm communication. Scale is ready to resume weighing and labeling.

Set Label Cassette for Default Label Format

Use the following steps to set label cassette for the default label format.

1. Remove Speed Key insert page.
2. Enter **6000** then press **Mode**. *B00 SETUP* will display.
3. Enter the password 495344 then press **PLU** to enter service level. *B00 SETUP* will display.
4. Press **11** then press the **Down Arrow**, then press **Enter**. *B11-01 CASSETTE No.*will display.
5. Press **4** then press the **Down Arrow**. *B11-04 FMT No.* will display.
6. Enter the desired default label format number. Press **Enter**. *B11-04 FMT No. with number* will display.

7. Press **8** then press the **Down Arrow**. *B11-08 PRN MODE* will display.

8. Enter **0** for Manual or **1** for Auto. Press **Enter** twice. *B11-09 LBL TYPE* will display.

9. Enter **0** for Die Cut or **1** for Continuous. Press **Enter**.

10. Enter **17** then press the **Down Arrow**. *B11-17 PLU NAME* will display.

11. Enter **0** for Fixed or **1** for Variable. Press **Enter** twice. *B11-18 XTRAMSG1* will display.

12. Enter **0** for Fixed or **1** for Variable. Press **Enter** twice. *B11-19 XTRAMSG2* will display.

13. Enter **0** for Fixed or **1** for Variable. Press **Enter** twice.*B11-20 XTRAMSG3* will display.

14. Enter **0** for Fixed or **1** for Variable. Press **Enter**. *B11-20 XTRAMSG3* will display.

Note *When using continuous labels, settings B11-17 through B11-20 should be set to 1 for Variable.*

15. Press **Mode** three times to exit the Setup Mode. *KEY IN ITEM No.* will display. The scale is ready to resume weighing and labeling.

Load File from Flash Drive

Note *USB specifications: 8 GB or smaller, FAT32 format, USB 3.0*

Use the following steps to load files from a flash drive.

1. Remove Speed Key insert page.

2. Insert a flash drive containing a DATA0x Folder.

3. Enter **6000** then press **Mode**. *B00 SETUP* will display.

4. Enter the password 495344 then press **PLU** to enter service level. *B00 SETUP* will display.

5. Enter **27** then press the **Down Arrow**. *B27 FILE SAVE/LOAD* will display.

6. Press **Enter** twice. *B27-01-01 I/P SELECT* will display.

7. Press **PLU**. *B27-100 SEL USB FOLDER* will display. This may take up to 30 seconds as files are scanned.

8. Press the **Down Arrow** to locate file to be loaded. *B27-10x and File Name* will display.

9. Press **PLU** to select file. *B27-01 USB-TO-SCALE* will display.

10. Press the **Down Arrow** twice. *B27-01-03 MASTER MODE* will display.

11. Press **1** for Auto (all files) or press **2** for Manual (individual files) load. Press **Enter**. *B27-01-03 MASTER MODE with selected load choice* will display.

12. Press **Enter**. *B27-01-04 EXECUTE* will display.

13. Press **Zero**. *14011-0000 INPUT CHECK* will display.

14. Press **Enter** to begin loading files. *14013-0000 COMPLETE INPUT* will display when complete.

15. Press **Enter** then press **Mode** three times to exit Setup Mode. *KEY IN ITEM No.* will display.

16. Remove the flash drive. Scale is ready to resume weighing and labeling.

Save File to Flash Drive

Note *USB specifications: 8GB or smaller, FAT32 format, USB 3.0*

Use the following steps to save files to a flash drive.

1. Remove Speed Key insert page.

2. Insert a flash drive.

3. Enter **6000** then press **Mode**. *B00 SETUP* will display.

4. Enter the password 495344 then press **PLU** to enter service level. *B00 SETUP* will display.

5. Enter **27** then press the **Down Arrow**, then press **Enter**. *B27-01 USB-TO-SCALE* will display.

6. Press the **Right Arrow** then press **Enter**. *B27-02-01 O/P SELECT* will display.

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7. Press **PLU**. *B27-200 SEL USB FOLDER* will display.

8. Press the **Down Arrow** to select an empty folder. *B27-20x USB DATA 0x* will display.

9. Press **Edit** to name folder. *InP 0001* will display.

10. Type in folder name. Press **Enter**. *B27-02 SCALE-TO-USB* will display.

11. Press **3** then press the **Down Arrow**. *B27-02-03 MASTER MODE* will display.

12. Enter **1** for Auto (all files) or **2** for Manual (individual files) send. Press **Enter**. *B27-02-03 Master Mode (with selected load choice)* will display.

13. Press **Enter**. *B27-02-04 EXECUTE* will display.

14. Press **Zero**. *14012-0000 OUTPUT CHECK* will display.

15. Press **Enter** to begin sending file to USB. *14014-0000 COMPLETE* will display when complete.

16. Press **Enter** then press **Mode** three times to exit Setup Mode. *KEY IN ITEM No.* will display.

17. Remove the flash drive. Scale is ready to resume weighing and labeling.

Set Product Name Display Timer

Use the following steps to set the product name display timer.

On the Uni-3L1, the product name displays for a short time.

Note *If weight is on the platter when the PLU is called the name will not display.*

1. Remove Speed Key insert page.
2. Enter **6000** then press **Mode**. *B00 SETUP* will display.
3. Enter the password 495344 then press **PLU** to enter service level. *B00 SETUP* will display.
4. Enter **17** then press the **Down Arrow** then press **Enter** twice. *B17-01-02 OPEN PLU* will display.
5. Enter **4** then press the **Down Arrow**. *B17-01-05 SEG PLU* will display.
6. Enter **2** then press **Enter** three times. *B17-01 CALL* will display.
7. Enter **2** then press the **Right Arrow**, then press **Enter**. *B17-03-01 REG TMR* will display.
8. Enter **4** then press the **Down Arrow**. *B17-03-07 SEG PLU TIMER* will display.
9. Enter **3** then press **Enter**. *B17-03-07 SEG PLU TIMER* will display.
10. Press Mode three times to exit Setup Mode. *KEY IN ITEM No.* will display. Scale is ready to resume weighing and labeling