

Ishida BC-4000 Series ROM Switch Settings
Firmware: E6010x, E6011x, E6012x, E6013x

ROM Switch – Test Mode (C06)

September 2007

Items of interest are marked by *

Address	Function	Data (Default for BC-4000L2 firmware E6010G)
0	Decimal Point Position, Weight (lb) [Lower weight range: less than 15 Lb]	4 (Default)
1	Decimal Point Position, Total Price (lb)	3 (Default)
2	Decimal Point Position, Unit Price (lb)	3 (Default)
3	DC motor control	15 (Fixed)
4	Total Mode Accumulation of Piece Count for Fixed Price Items	0: Count number of labels printed (Default) 1: Count number of pieces on labels
5*	Unit Pricing method (This will affect the Total Price by a factor of 10)	0: \$/lb, \$/kg (Default) 1: \$/100g
6	Total Price rounding method	0: 4-5 round (Default) 1: 0/5 round
7*	Shelf Life Calculation. Does Shelf Life include the pack day or begin counting from the next day?	0: Include pack day 1: Count from the next day (Default)
8	Time Rounding	0: 00 minutes (Default) 15: 15 minutes 30: 30 minutes
9	Print PLU Description on Sub-Total label [No operation for USA]	0: No (Default) 1: Yes
10*	RESET key operation	00: Enable (Default) 01: Disable
11	Clear Totals After Transmitting	0: Do Not Clear (Default) 1: Clear
12-13	N/A	
14*	Weighing unit	0: kg 1: lb (Default)
15	Price Rounding	0: 0.00x cut off (Default) 1: 0.00x round off 2: 0.0x cut off 3: 0.0x round off
16	ITF Barcode Check Digit Calculation	0: 1313... three multiple for odd digits (Default) 1: 3131... three multiple for even digits
17	Thermal Head Fault Detection	0: Off (Default) 1: On
18	Thermal Head Fault Detection Timing	0: at PLU recall FF: when return to normal mode from any mode (Default)

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19	Thermal Head Fault Detection Method	0: when ever thermal head has damage 1: only with additional damage (Default)
20	Dummy Price on PLU List labels [No operation for USA]	0: \$0.00 (Default) 1: \$1.00
21*	Commodity Name Line Display [BC-4000L2 only]	0: First line only 1: First two lines (Default)
22	Batch Number Printing [No operation for USA]	0: Disable (Default) 1: Enable
23	Operator Log On	0: Disable (Default) 1: Enable
24	Fixed Price with Random Weight Sales Mode	0: Disable 1: Enable (Default)
25*	Date Printing selection for @/for Item (Fixed Price)	00: Both 01: Pack Date only 02: Expire Date only (Default) 03: No Date Print
26	Barcode Printing	0: Enable (Default) 1: Disable
27*	Print Labels with Zero Total Price	0: Yes (Default) 1: No
28	Re-Print without Return to Zero (Manual print mode only)	0: Yes (Default) 1: No
29	Price Currency Symbol [†]	0: None 1: \$ (Default)
30*	Auto Convert Sales Mode: Weighed → Fixed Price	0: Prohibit (Default) 1: Allow
31	Save Key operation	0: Enable (Default) 1: Disable
32	Accept Print Key @ Unstable Weight	0: No 1: Yes (Default)
33	Print Void Key Confirmation Label?	0: No (Default) 1: Yes
34*	Barcode OCR Print Format	0: EAN [13-digits] 1: UCC [12-digits] (Default)
35	Operator Logout Method	0: No forced logout (Default) 1: After each transaction
36*	Printing at Zero Price	0: Barcode = 0, Price = 0 1: No Barcode, Price = 0 2: No Barcode, No Price (Default)
37-39	N/A	

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40*	Temporary date change selection Note: In operation mode "9999" entry disables date printing.	0: Pack Date (Default) - MMDDYY: change Pack Date - DDD: change number of Shelf Life days - 9999: no date print 1: Sell By Date - MMDDYY: change Sell By Date - 9999: no date print
41	Advertising Message Timer (seconds) [BC-4000L2 only]	8 (Default)
42	Decimal Point Position, Weight (lb) [Upper weight range: more than 15 Lb]	3 (Default)
43	Sub-Total label Print	0: Grand Total only (Default) 1: Item Total only 2: Both
44	Clear Sub-Total Data	0: By CLEAR key (Default) 1: Automatically after printing and exiting
45	Barcode, Unit Price, Total Price Print	0: Print (Default) 1: No Print
46	Julian Date Print	0: Refer to PLU Date Print Flag (Default) 1: Always Print
47-55	N/A	
56	Printer Motor Drive Direction	0: Refer to Model (Default) 1: Forward 2: Reverse [Caution - do not use]
57	Automatic Word Wrap Setting by 0.1 mm	2 (Fixed)
58	N/A	
59*	Auto/Manual Start Up Print Mode	0: Manual Print (Default) 1: Auto Print
60	Frame Printing for Test Labels by Character	0: Off (Default) 1: On
61*	Frame Printing for Test Labels by Print Item	0: Off (Default) 1: On
62	Network Availability Check @ Power Up (Speeds up scale start for non-IP scales)	0: Enable network (Default) 1: Disable network [Menus B10 Ethernet Setup, P23 TCP/IP, and all network functions are disabled]
63*	BC-4000L2H Rear Display	0: Off (Default) 1: On

† Available Currency Symbols: 0:None, 1:\$, 2:R, 3:P, 4:M, 5:N, 6:€ (Euro), 7:£ (Pounds),
8:Kr, 9:Rp, 10:Bs, 11:G, 12:Lm, 13:RM, 14:Dhs, 15:S

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Operation

- 1) Enter Test Mode
- 2) Press 6, ENTER

C00

C06-00

0

4

0

Display

Test Mode

ROM Switch

Input data

Current data

ROM Switch address

- 3) To change ROM Switch address

Increase: UP ARROW key, or RIGHT ARROW key.

Decrease: DOWN ARROW key, or LEFT ARROW key.

Note: to jump, enter address and press LEFT ARROW key.

- 4) To change ROM Switch data

Key in data and press ENTER key.

- 5) Press END and cycle the power OFF / ON to return to Normal Operation mode.