



## ISHIDA DP/WPL-3000 Dual Printer

The DP-3000 and WPL-3000 may be configured to operate a second printer to print POP labels, Nutrition Panels, Safe Handling, etc. Information on this feature is listed below.

**\* IMPORTANT \***

Changes made to the second printer cannot be saved to floppy disk. Please document any changes made in the Setup Menu and Test Menu for future reference.

### Quick Setup Procedure - Second Printer

Step	Printer Setup	Mode	Description
1	Main	Test Menu	Turn ON the Main printer holding down any key.
2	Main	C02	Perform Ram clear as usual: All RAM, E2ROM.
3	Main	C08-04	Select option 2 "Assigned Printer."
4	Main	---	Power OFF, ON to return to normal mode.
5	Main	Registration	Enter <b>9000, MODE</b> to access Programming Mode
6	Main	P17-01	Enter machine number. <u>Set = 1.</u>
7	Main	Power OFF	Connect communication cable between main and second printers. Cable is straight through pins: 3, 5, 7, and 9.
8	Second	Power ON	Turn ON the second printer.
9	Main	Test Menu	Turn ON the Main printer holding down any key.
10	Second	C02-04	Press <b>ENTER</b> at "Printer RAM Clear" prompt.
11	Second	C02-04-00	Press <b>ENTER</b> <u>three times</u> to install second printer.
12	Second	C02-04-02	Perform Ram clear as usual: All RAM, E2ROM.
13	Both	Power OFF	Turn OFF both units.
14	Second	Power ON	Turn ON to return to normal mode. Always turn on second printer before main printer.
15	Main	Power ON	Turn ON to return to normal mode.

Note: In operation mode, the second printer must be turned on before the main unit for proper communication to be established.

**Second Printer Removal**

If the second printer is to be removed, enter the Test Mode step C02-04-00. At the prompt "1:PRN1" press **CHAR DELETE** key twice.

**Changes**

The items listed below are additions/changes to the respective manuals. Most additions involve selection of the appropriate printer before setting changes are entered.

**Test Mode Changes** (power up holding any key)

Test Mode	Description
C01-05 Display program number	Check second printer program and font number in addition to main program and font.
C02-04 Optional printer setup	Install, remove or RAM clear second printer. <b>See Quick Setup Procedure for instructions (page 1).</b>
C03 Thermal printhead	Select printer (0 = main, 1 = second) before entering thermal print parameters.
C04 Sensor check	Select printer (0 = main, 1 = second) before viewing sensor values.
C06 ROM switch settings	Select printer (0 = main, 1 = second) before entering parameters.
C07 Label formats	Select printer (0 = main, 1 = second) before entering modified label format values. <b>See COPY feature below for additional details.</b>
C08-04 Printer setup	1 = no second printer (alone) 2 = second printer installed.

**Label Formatting on the Second Printer**

Label format changes made in the second printer cannot be saved to the IF-21FD floppy disk recorder. For this reason a COPY feature has been added to label formatting. This allows all label format modifications made on the main printer to be copied to the second printer. Main printer formats are saved to floppy disk as normal.

**Copying All Formats to Second Printer**

Step	Test Mode	Description
1	C07	Label Format.
2	C07	Enter 1 to select second printer.
3	C07-00 P1	Press the <b>COPY</b> key twice to copy all formats.

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### Setup Mode Changes (6000, MODE)

Set up Mode	Description
b01 Label Setup	Select printer (0 = main, 1 = second) before entering label parameters.
b08-29 PLU file items	Selectable "Second Label Print" in PLU programming. Default = 1 (enable)

### Programming Mode Changes (9000, MODE)

Programming Mode	Description
P01-29 Printer select	Select second label printing for a PLU.
P23 "Cassette" Change	Select printer (0 = main, 1 = second) before entering label change values.

### Operation Mode Changes

Operation Mode	Description
Power up	The second printer <b>MUST</b> be turned on before the main printer to prevent Error 203: "PRINTER POWER- OFF OR NOT CONNECT" Note: following this error the second printer is ignored until the correct power up sequence is performed.
Label Feed	Press "1" then <b>FEED</b> to feed label on second printer
Auto Print Mode - Weighed Items	Labels must be removed from both printers before any labels will be printed. Note: to disable the Label Taken sensor, change Setup Mode b01-03 = 0, "With Backing Paper"
Auto Mode - Fixed Price Items	Printing is independent. Note: to ensure printing the same number of labels from each printer, enter the label quantity before pressing the <b>PRINT</b> key.
Batch Printing	Batch printing is not supported by the second printer.

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### Error Codes

No.	Display	Cause	Solution
203	PRINTER POWER-OFF OR NOT CONNECT Err—203	No communication with second printer at initial power up of main unit.	<ul style="list-style-type: none"><li>•Turn on second printer unit <u>before</u> main unit.</li><li>•Check cabling between printers.</li></ul>
204	PRINTER COMMUNICATION ERROR Err—204	No communication with second printer.	<ul style="list-style-type: none"><li>•Check power at second printer.</li><li>•Check cabling between printers.</li></ul>