DSP840 Quick Start Instruction

1. INSTALLATION

A. If you could get the power source DC 12V from the computer(POS system), you might use the enclosed "Power Plug Cable" pack.

1. **Turn off the power of the computer(POS system).**
2. **Connect the power plug cable with the power source(DC 12V) inside the computer(POS system) and secure the RCA jack bracket on the rear panel of the computer(POS system).**
3. **Remove screws to open the bottom cover of the base stand of the DSP840 to find the interface board inside.**
4. **Connect the RCA jack with the DC power jack on the DSP840 receptacle by using the RCA plug--DC plug adaptor cable.**
5. **Connect the DB25(female) connector with "Interface cable for computer" to the computer(POS system).**
6. **Connect the DB9(male) connector with "Interface cable for printer"(optional) to the aux-device(printer) when you need this optional printer feature.**
7. **Mount the bottom cover of the base stand.**
8. **Turn on the power of the computer(POS system). The display will be ON.**

B. If you are using the external power-supply adaptor DC 12V(Option).

1. **Turn off the power of the computer(POS system).**
2. **Remove screws to open the bottom cover of the base stand of the DSP840 to find the interface board inside.**
3. **Connect the D-sub 25 pin connector with "Interface cable for computer" to the computer(POS system).**
4. **Connect the power supply unit with the DC power jack on the DSP840 receptacle.**
5. **Connect the DB9(male) connector with "Interface cable for printer"(optional) to the aux-device(printer) when you need this optional printer feature.**
6. **Mount the bottom cover of the base stand.**
7. **Turn on the computer(POS system) and the power supply unit. The display will be ON.**
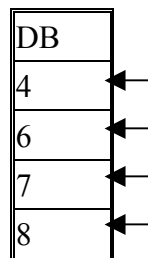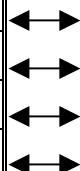
2. PIN ASSIGNMENT

A. DB-25(female) pin

Pin#	Signal
2	TXD
3	RXD
7	GROUND
5	CTS
4	RTS
20	DTR
6	DSR

B. DB-9(male) pin

Pin#	Signal
2	RXD
3	TXD
5	GROUND
7	RTS
8	CTS
6	DSR
4	DTR

C. Dummy Plug(WAS-1563)

DB
4
6
7
8

D. DC power jack

Pin#	Signal
Center	+12VDC
Outer	GROUND

Note: Dummy Plug put on the aux-device (printer) connector is to do handshaking while aux-device(printer) did not exist. If you want to connect the aux-device printer, remove the Dummy Plug
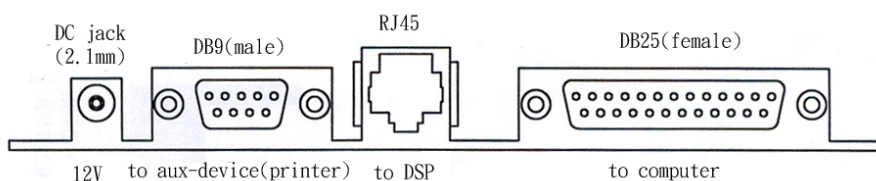
I/O Interface Board inside Base Stand

3. DIP SWITCH SETTING

DSP840 has memory to keep your setting.

SW1~3	3	2	1	Baudrate setting	SW4~7	7	6	5	4	National Character set
	0	0	0	19.2K		0	0	0	0	U.S.A.
	0	0	1	9.6K		0	0	0	1	France
	0	1	0	4.8K		0	0	1	0	Germany
	0	1	1	2.4K		0	0	1	1	U.K.
	1	0	0	1.2K		0	1	0	0	Denmark I
	1	0	1	600		0	1	0	1	Sweden
	1	1	0	38.4K		0	1	1	0	Italy
	1	1	1	19.2K		0	1	1	1	Spain
SW8	0	Start-Up settings from memory				1	0	0	0	Japan
	1	Start-Up settings from DIP SW1~7 setting, also keep into memory				1	0	0	1	Norway
SW9,10	9	10	Command Group			1	0	1	0	Denmark I
	0	0	Automatic Command Group Recognition			1	0	1	1	East Europe
	1	0	GROUP A (DSP800 command sets)			1	1	0	0	Russian
	0	1	GROUP B (DM-D210 command sets)			1	1	0	1	Hebrew
	1	1	GROUP C (CD5220 command sets)			1	1	1	0	Greek
						1	1	1	1	U.S.A.

Remark:

A. 0 means DIP switch is at OFF position.

1 means DIP switch is at ON position.

B. SW8 setting

1. When SW8 is set to ON "1" position, the DSP840 would start up under the DIP switch setting conditions of Baud-Rate and Character-Set from SW1~7, and also these DIP switch setting conditions would be kept into memory of DSP840.

2. When SW8 is set to OFF "0" position, the DSP840 would start up under the conditions of Baud-Rate and Character-Set from its memory.

C. You must turn off the DSP840 power supply when you are doing DIP Switch Setting.

D. Command Group for SW9,10. Please refer to paragraph 7 for Command Group.

ATTENTION:

When the Command Group DIP Switch 9,10 is set in "Automatic Command Group Recognition" mode (SW9,10 at OFF/OFF position) and you found you have display message-loss problem due to display output too slow, you can change the SW9,10 setting to the correct Command Group (Group A or Group B or Group C) you are using. This will solve the problem.

For more details, please refer to the **Operation Manual** included on the CD.