

PD-6807U/6807R
Rear-Mount Customer Display
User Manual



PD-6807U/6807R

Package Contents

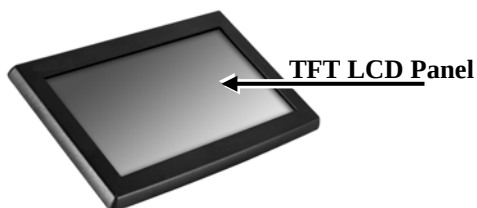
- ✓ 7" Rear-Mount Customer Display with Bracket (x 1)
- ✓ 3-10L Self-Tapping Screw (x 4)
- ✓ USB Cable for PD-6807U (x 1)
- ✓ RS-232 Cable for PD-6807R (x 1)
- ✓ User Manual (x 1)

Product Features

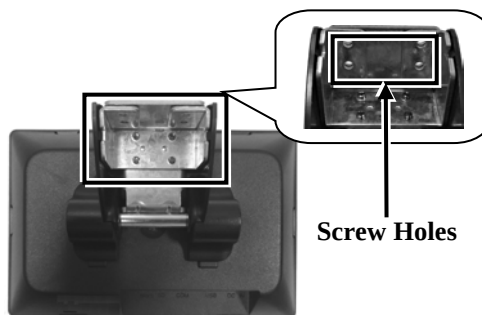
- OPOS application support
- 7" graphical customer line display
- TFT LCD panel with resolution up to 800 x 480
- Adjustable font and background color
- JPEG graphics display support
- Support to 13 code pages, each having 128 characters
- Support to 12 international character sets, each having 12 characters
- Slide show and screen saver support
- Command emulations support: ADM, Aedex, ESC/POS, Futaba, Noritake, UTC
- Powered through the USB or COM port
- Virtual COM port supported for USB interface
- Rear-mount for PS-3000 series terminal

Views of the PD-6807U/PD6807R

Front View



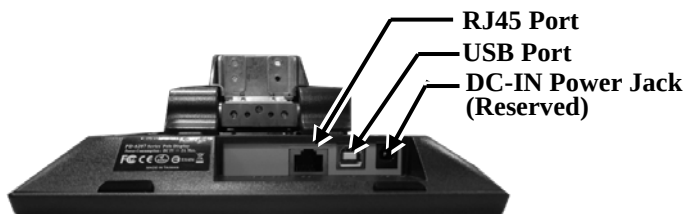
Rear View



Bottom View of PD-6807U



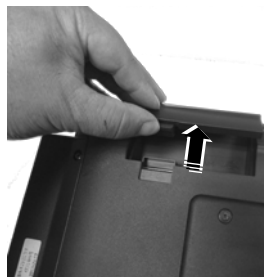
Bottom View of PD-6807R



Mounting the Rear-Mount Display onto a POS Terminal

This section provides step-by-step instructions to assist you in installing PD-6807U/6807R to PS-3000 series POS terminal. As a reminder, please ensure that your POS terminal is completely shut down before proceeding with installation of PD-6807U/6807R.

1. Remove the rear I/O cover of your PS-3000 series POS terminal.



2. Insert the USB or RS-232 cable into the POS terminal. For PD-6807U model, align the A type connector of the USB cable with the USB port of your POS terminal; for PD-6807R model, have the RJ50 connector of RS-232 cable with a label describing “To Host” attached to RJ50 port of the POS terminal.

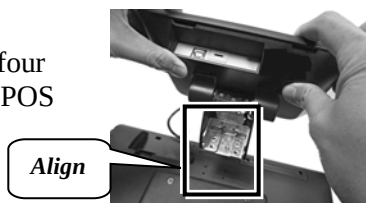


PD-6807U



PD-6807R

3. Align the four screw holes of the customer display bracket with the four screw holes on the rear side of the POS terminal.



4. Fix the bracket to the terminal using the four screws.



5. Insert the USB or RS-232 cable into the customer display.
For PD-6807U model connect the B type connector of USB cable to the USB port of the customer display; For PD-6807R model, attach the RJ45 connector of the RS-232 cable with a label describing "To PD" to RJ45 port of the customer display.



PD-6807U

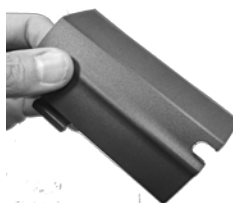


PD-6807R

6. Tilt the customer display all the way down. Be careful not to touch the LCD panel while tilting the screen.



7. Break the tab for cable exit from the rear I/O cover by using a diagonal cutting nipper.



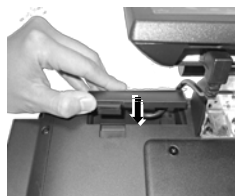
8. Tuck the extra cable into the rear I/O compartment.



9. Before putting the rear I/O cover back into place, make sure the cable can be threaded through the cable exit as shown in the figure.



10. Press down the cover to close the rear I/O compartment.



11. Make sure that the customer display is well mounted onto the POS terminal.



12. Adjust the customer display up and down in the direction shown by the arrow to the desired angle.



Do NOT press the displaying area of panel!

Installing the Virtual COM Driver for PD-6807U

Refer to the following steps for the driver installation.

1. Connect the USB cable of PD-6807U to your POS terminal.

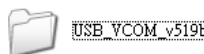
2. Locate the “SA_PD_LM” folder from the “Drivers” folder in the Local Disk (C:) of your POS terminal



3. You will find the “USB_VCOM” folder and double click it.



4. Then double click the “USB_VCOM_v519bx” folder.



5. In the folder, double click the PDF named **USB VCOM Drivers Installing Guide** to open.



6. Then, refer to this installation guide to complete the driver installation.

Setting up the PD-6807U Customer Display

POS Graphics Display Tool is a helpful tool designed to assist PD-6807U users in managing the customer display settings according to your personal preference. To start with the tool, you will need to access the executable file, **GraphicsDisplay_Setup Tool.exe**, under the directory

C:\Drivers\ SA_PD_LM\ GraphicsDisplay_Setup Tool. As for the more detailed instructions on the operation of the tool, please refer to the file named by **PD6X07 Setup Tool Guide.pdf** in the same directory.

Before using the tool to configure the display, determine that you have installed the **Microsoft .NET Framework 3.5** or above. Also, to avoid users from damaging the main board of the display, it is highly recommended that the configuration is implemented by professional technicians.

Specifications

	PD-6807U	PD-6807R
LCD Panel	7" TFT LCD	
Surface Treatment (Up Polarizer)	Anti Glare	
Language Code Support	PC437/PC850 (Western Euro)/PC860 (Portuguese)/ PC863 (Canadian, French)/PC865 (Nordic)/ PC866 (Cyrillic2)/PC864 (Arabic)/PC858 (Euro)/ PC737 (Greek)/W1257 (Baltic)/W1253 (Greek)/ PC857_Turkish/PC775 (Baltic)/PC855 (Cyrillic)/ W1254_Turkish/W1255 (Hebrew)/ W1251 (Cyrillic)/PC862 (Hebrew)/W1252 (Latin)/ PC852 (Latin)/JIS (Japanese)/BIG5 (Traditional Chinese)/ GB2312 (Simplified Chinese)	
Number of Characters	40 characters x 12 rows max. for Alphanumeric characters 20 characters x 12 rows max. for Chinese characters	
Dot Matrix / Resolution	800 x 480 display resolution	
Display Color	Font: Red / Green / Blue / Yellow / Orange / White / Black Background: Black / White / Blue	
Multimedia Support	JPEG graphics support	
JPEG Graphics Size	4MB for each (max.) / 90MB for total (max.)	
Active Area	154.08 (H) x 85.92 (V)	
Pixel Pitch	0.1926 (H) x 0.1790 (V)	
Pixel Configuration	RGB Vertical Stripe	
Color Depth	16.7M	
Viewing Angle	60/70/70/70 degree (U/D/L/R)	
Contrast Ratio	500 : 1	
Response Time	25 ms (Raising) / 25 ms (Falling)	
Brightness	250 cd/m2	
Display Interface	USB	RS232
Power Supply	Powered by standard USB ports	Powered by standard COM ports
Dimensions	124 mm (H) x 188 mm (W) x 80 mm (D)	
Environmental	Operation temperature: 0°C ~ +50°C Operating humidity: 20% to 85%, non-condensing Storage temperature: -10°C ~ +70°C Storage humidity: 5% to 90%, non-condensing	

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