

TM/LM-7117E
Standalone POS Monitor
User Manual



Package Contents

- ✓ 17" TM/LM-7117E
Standalone Monitor.....(x 1)
- ✓ VGA Cable.....(x 1)
- ✓ USB type A to B cable.....(x 1)
- ✓ Power Cord.....(x 1)
- ✓ 12V/40W Power Adapter.....(x 1)
- ✓ User Manual.....(x 1)

Product Features

- 17" TFT LCD panel
- LCD resolution up to 1280 x 1024
- 5-wire resistive or IR touch panel for TM-7117E
- Easy tilt angle adjustment from 15° to 70°
- 2 x USB port support
- Optional side attachment support (SD-466Z or KP-300W)
- Optional VESA mounting kit (WB-6000V-B)
- Dimension : 401 mm (H) x 385 mm (W) x 286 mm (D);
- Weight : 6.82 kg

Views of the TM/LM-7117E

Front View

17" LM-7117E LCD Panel

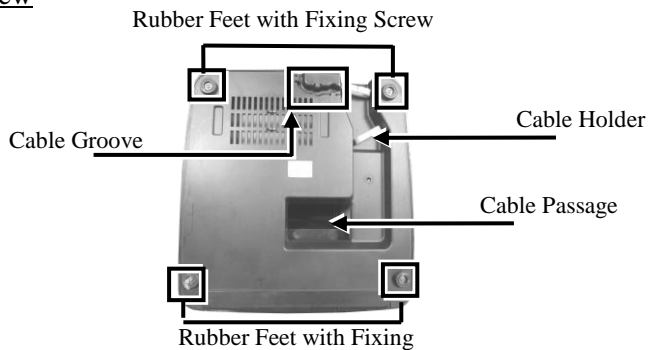
17" TM-7117E Resistive or IR Touch Panel



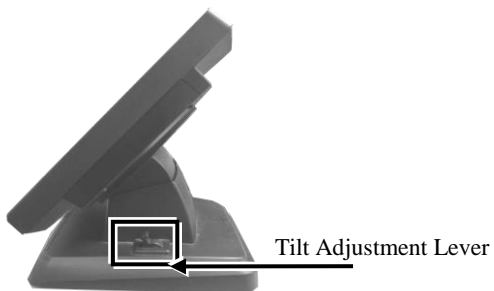
Rear View



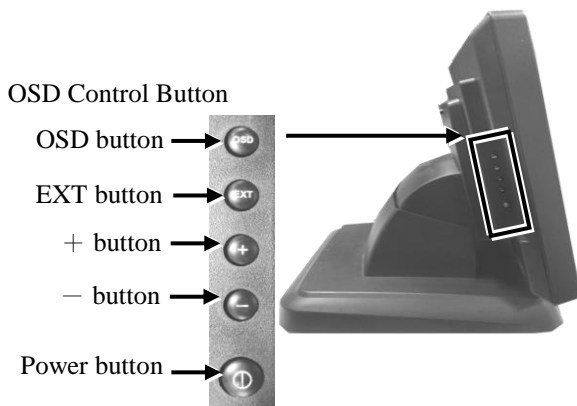
Bottom View



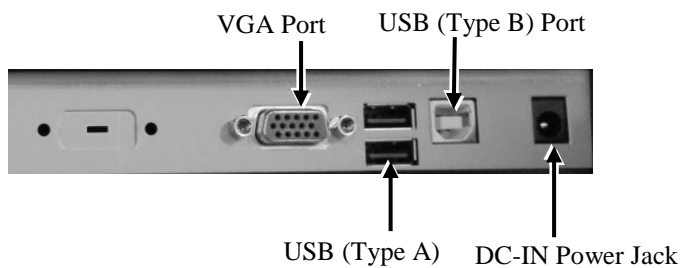
Left-Side View



Right-Side View



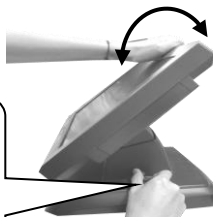
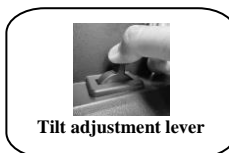
I/O Ports



Positioning your monitor for a Perfect Viewing Angle

Follow the below steps to adjust the viewing angle for TM/LM-7117E with Gen5 base stand using the tilt adjustment lever.

1. After pushing down the tilt adjustment lever on the right side of the stand, tilt the screen up or back to your desired angle.



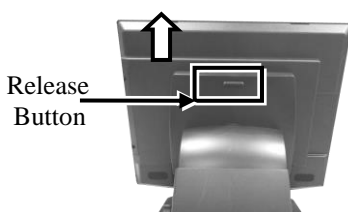
2. Release the adjustment lever to lock the LCD panel into place.



Connecting VGA and USB Cables

Gen5 base features its own cable management to help you well organize the cords. The following will provide some useful cable-routing instructions for you to connect VGA and USB cables to TM/LM-7117E.

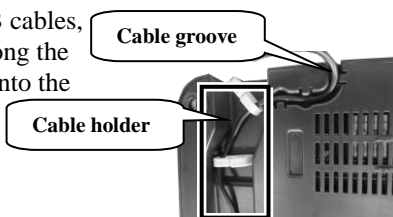
1. To release LCD panel from Gen5 base, support your monitor with one hand holding to the bottom of the panel and then push it up while pressing down the release button located on the back of TM/LM-7117E.



2. Laying Gen5 base stand with its bottom facing towards you.



3. Take power adaptor, VGA and USB cables, and then neatly thread the cables along the cable groove first, and then snap it into the cable holder as shown in the figure.



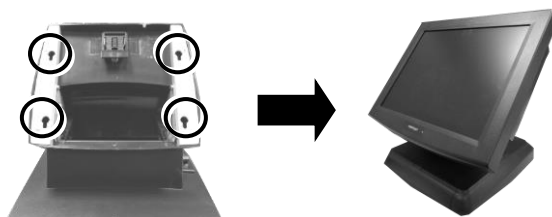
4. Pass the cables through the cable passage.



5. Place Gen5 base in upright position and make sure the cables can be pulled out of the cable passage.

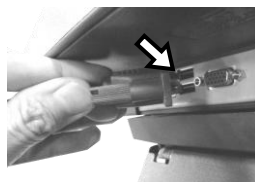


6. Lift your monitor to aim four screw bolts on the rear of the monitor to the four screw holes on the Gen5 base. Then, along the rail slots push down the monitor until the LCD panel is well locked into place with a click sound.



7. Connect the monitor to the terminal using VGA cable.

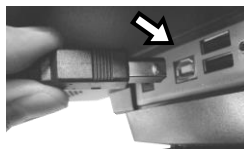
- 7.1 Connect one end of the VGA cable to the VGA port at the bottom I/O plate of your monitor.



- 7.2 Take the other end of VGA cable to insert it into the VGA port of your terminal.

8. For TM series or LM series with side attachment, please connect the monitor to the terminal using USB type A to B cable to enable touch function for your monitor.

- 8.1 Grab Type-B connector of USB cable, and then insert it into Type-B USB port of your monitor



- 8.2 Properly attach Type-A connector of USB cable to your POS terminal.

9. To use external sources to supply power to your monitor, plug power adapter to the DC-In power jack and then connect its power cord to electrical outlet.



Powering ON/OFF your Monitor

To start up TM/LM-7117E, you have to make sure that the monitor is well connected to POS terminals and electricity is supplied to the monitor through external power sources.

Power ON TM/LM -7117E

Press the power button of the terminal to power up the terminal. Few seconds later the monitor will be initiated automatically.

Power OFF TM/LM -7117E

After following the standard shutdown procedure to shut down your terminal, the monitor will be consequently turned off.

Power LED Indicator

Power LED indicator, located at the bottom of the screen, is used to notify users of the current status of your monitor by emitting various LED signals. Please refer to the below chart to accurately interpret the of the indicators status to facilitate your troubleshooting.

Status	Description
ON, solid blue	System power ON
ON, solid green	System Standby
OFF	System power OFF

Identifying your Monitor as Secondary Touchscreen Monitor in Extended Mode

Based on the type of your touch panels, you are required to adopt different approaches to set up TM series as the extended monitor when you attempt to extend the desktop across multiple monitors. In the following section the related descriptions will be offered to help you achieve the purpose.

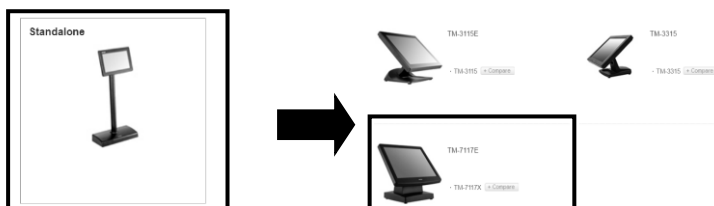
For TM-7117E Model with Resistive or IR Touchscreen

For TM-7117E users, please follow the below instructions to complete installation of *The Dual Touch Manager*, a tool designed to allow your monitor to work as a secondary touchscreen monitor in extended mode.

1. Make sure that the monitor is well connected to your POS terminal with USB type A to B cable.
2. Visit Posiflex official site (<http://www.posiflex.com/en-global/Home/index>). Or, you may find **USB Dual Touch Manager** from your Posiflex POS terminal instead.
3. Click on **Products**, which is located on the upper right side of your browser window. Then, select **POS Monitor** in the pop-up menu.



4. Select **Standalone** type of POS monitor. After scrolling down the page, click on **TM-7117E** item.



5. Click on the **Download** tab, and then **Drivers & Utility**.
Products



6. Click Setup icon  of **USB Dual Touch Manager** to install the USB Dual Touch Manager.

Upload Date	Type	Description	Version	Size	Remark	Download
2016/3/8	Drivers & Utility	TM-8115X Series Resistance/IR USB Dual Touch Manager for Windows	v.3.03	3.3 MB		

7. Follow the instructions to complete the manager installation. After the installation is finished, restart your terminal.

Setting up Display Resolution for Your Monitor

The below chart defines the list of recommended display settings for TM/LM-7117E. Improper display configuration will prevent the monitor from properly displaying the image and lead to a warning message of “out of range” prompted on the screen.

Display Resolution	Horizontal Frequency (KHz)	Refresh Rate (Hz)
640 x 400	31.5	70
640 x 480	31.5	60
	37.9	72
	37.5	75
720 x 400	31.5	70
800 x 600	35.1	56
	37.9	60
	48.1	72
	46.9	75
1024 x 768	48.4	60
	56.5	70
	60	75
1280 x 1024	64	60
	80	75






Using the OSD Menu

OSD, as known as On-Screen Display, is employed to assist users in adjusting a variety of monitor-related settings depending on personal preference. Through this section, it is expected to familiarize you with the options which are accessible via OSD menu, and to optimize your experiences with TM/LM -7117E.

Power & OSD Buttons

Power & OSD buttons are available on the right-hand side of the LCD monitor. Each of four OSD controls works differently in various occasions. Please refer to the below figure to get an idea of how they could possibly function in relation to OSD menu.





Icon	Description
 OSD button	While OSD menu is activated: <ul style="list-style-type: none"> ● to select the specific menu option While OSD menu is deactivated: <ul style="list-style-type: none"> ● to activate the OSD menu
 EXT button	While OSD menu is activated: <ul style="list-style-type: none"> ● to exit from the current configuration
 “+” Button	While OSD menu is activated: <ul style="list-style-type: none"> ● to navigate through OSD menu options ● to increase the value of the specific item
 “-” Button	While OSD menu is activated: <ul style="list-style-type: none"> ● to navigate through OSD menu options ● to decrease the value of the specific item While OSD menu is deactivated: <ul style="list-style-type: none"> ● to initiate auto-adjustment function
 Power Button	<ul style="list-style-type: none"> ● turn on/off the monitor



To help you get started with the OSD menu, the following points are guidelines you are suggested to go through:

1. Firstly, press the **OSD** button to access the OSD menu.
2. Scroll through OSD menu options using either the “+” or “-” button.
3. Press the **OSD** button to select the particular menu option of interest. It will lead you to its sub-menu page if the selected menu option contains sub-menu items.
4. Under the selected menu item with available sub-menu items, use the “+” or “-” button to switch among different items. Then, press the **OSD** button to select the sub-menu item which you intend to adjust.
5. Use the “+” or “-” button to adjust the value of the selected OSD item. Then, press the **OSD** button to save settings.
6. Press the **EXT** button to exit from the current configuration.

OSD Options

Please refer to the following table for further explanation of the accessible items.

OSD Menu Options	Sub-menu items & Description
 Picture	<ul style="list-style-type: none">➤ Backlight Press the “+” button to increase backlight intensity; Press the “-” button to decrease backlight intensity.➤ Brightness Press the “+” button to increase brightness; Press the “-” button to decrease brightness.➤ Contrast Press the “+” button to increase contrast; Press the “-” button to decrease contrast.➤ Sharpness Press the “+” button to increase sharpness; Press the “-” button to decrease sharpness.
 Display	<ul style="list-style-type: none">➤ Auto Adjustment Execute the auto-tune function for OSD menu, which will automatically perform fine tune of the image quality for optimizing screen performance.➤ H Position Press the “+” button to move the screen to the right; Press the “-” button to move the screen to the left.➤ V Position Press the “+” button to move the screen up; Press the “-” button to move the screen down.➤ Pixel Clock Use the “+” or “-” button to adjust the Clock setting for VGA input.➤ Phase Use the “+” or “-” button to adjust the Phase setting for VGA input.

OSD Menu Options	Sub-menu items & Description
 Other	<ul style="list-style-type: none"> ➤ Reset Restore the current menu back to the default setting. ➤ Menu Time Specify the length of time for OSD menu to stay active on the screen. ➤ Language Specify the language used in the OSD menu.
 Information	Display information regarding display resolution, horizontal/vertical sync frequency, pixel clock (PCLK), etc.

Specifications

	TM-7117E	LM-7117E
Display		
LCD Panel	17" TFT LCD	
Resolution	1280 (H) x 1024 (V)	
Active Area	377.920 (H) x 270.336 (V)	
Pixel Pitch	0.264(H) x 0.264 (V)	
Pixel Arrangement	RGB Vertical Stripe	
Viewing Angle	80/80/80/80 degree (U/D/L/R)	
Contrast Ratio	500 : 1	
Response Time	6 ms (Raising) / 2 ms (Falling)	
Brightness	300 cd/m2	
Touch		
Touch type	5-wire Resistive or IR	N/A
Interface	USB	N/A
General Specification		
Display Interface	VGA	
Power Supply	12V / 40W	
Dimension	401 x 385 x 286 (W x D x H in mm)	
Weight	6.82 (N.W. in kg)	

※ The product information and specifications are subject to change without prior notice. To get the detailed information on TM/LM-7117E, please check this model from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>).