

# **XP17 Manual**

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## 1. Safety Precautions:

- Improper handling or care may damage the monitor. Please read the following warnings carefully before installing the XP17 flat panel display.

- **Warnings:**

- (1) Avoid placing the monitor or other heavy objects on the power cord.
- (2) Do not expose the monitor to rain, excessive moisture or dust.
- (3) Do not cover the ventilation holes. Always place the monitor in an open position where there is adequate ventilation.
- (4) For best viewing avoid placing the monitor against a bright background where sunlight or other light sources may reflect off the face of the monitor. Place the monitor just below eye level.
- (5) Handle with care during transportation.
- (6) The LCD screen is delicate and easily damaged. Do not touch or scratch the screen with your fingers.

- **Cleaning The Monitor:**

- (1) Disconnect the power cord before cleaning.
- (2) Use the Screen Cleaning cloth to gently remove dust from the screen.
- (3) Apply a small quantity of alcohol to a soft cloth and wipe gently. Do not use any other chemicals to clean the monitor.

- **Lit Pixels:**

A lit pixel is defined as a single dot on the screen that is permanently bright during operation. Such pixels do not effect the operation of the LCD monitor and are no cause for concern. Lit pixels are the result of the panel manufacturing procedure and are an inherent property of LCD panels.

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## 2. Introduction:

Thank you for purchasing the shuttle XP17 Flat Panel Display. Before setting up and using the XP17, please read this manual carefully, noting installation instructions and safety information.

### Features:

- 1,280 x 1,024 (SXGA) display resolution.
- 31.5KHz to 80KHz horizontal scan and 56.3Hz to 75Hz vertical scan.
- Monitor preference settings and a complete spectrum of user adjustments.
- Tough, AG(Anti-Glare) tempered glass (>Moh's Scale of Hardness 8) facia.
- Compact, sleek design matching the XPC's industrial design standards.
- VESA DPMS power management compliant.
- Three viewing angles: 30° / 45° / 60° adjustable stand.
- Portrait view: 90° swivel stand.
- VESA compliant wall mount support.

### Caution:

Don't set the back adjustable stand to less than 30°.

### Accessories:

- Analog VGA D-Sub cable.
- Digital DVI cable.
- Power cable.
- 48 Watt power adapter.
- User's manual.
- Screen Cleaning Cloth.

### Option Accessories:

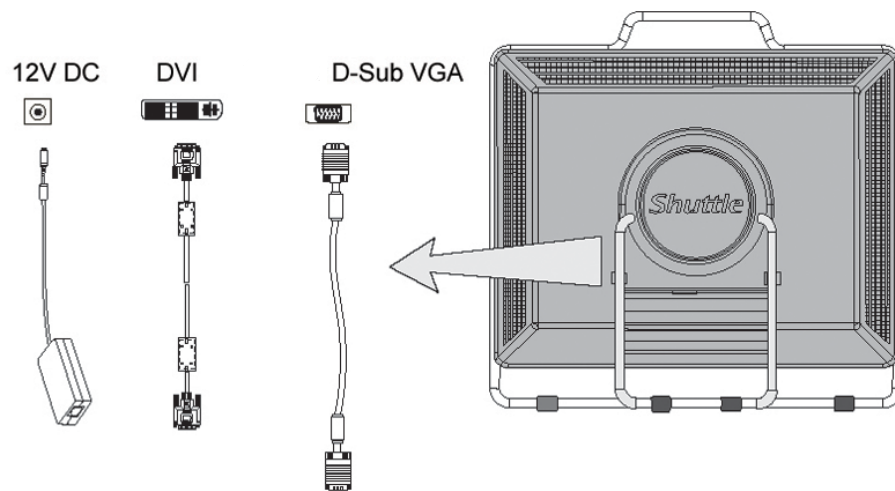
- PF50 Display to go(Optional).
- PF17 Zero degree Stand(Optional).



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### 3. Installation:

- (1) Turn off the PC and unplug the power cord.
- (2) Using the supplied VGA (analog) or DVI (digital) cable, connect one end to the PC VGA/DVI port and the other to the display's input ports. Tighten the thumbscrews.
- (3) Plug in the 12V DC power jack from the supplied power adapter to the 12V DC input socket on the Flat Panel Display.
- (4) Turn on the flat panel display.
- (5) Adjust the display preferences as required. See Chapter 6, OSD menu for more information)



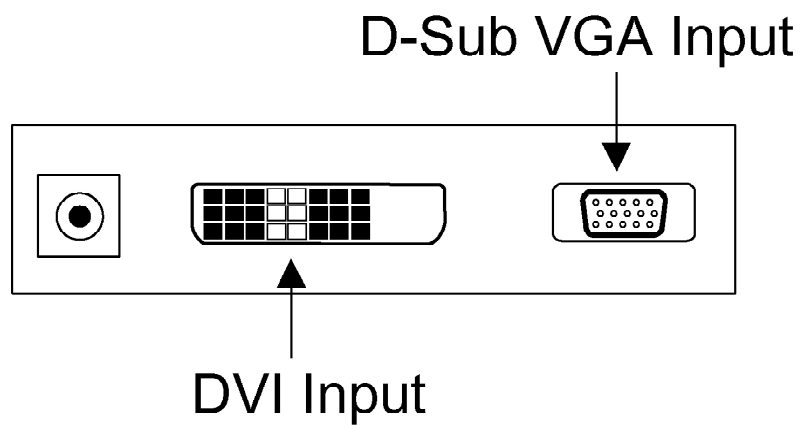
#### **Caution:**

Only use the supplied power adapter with this flat panel display. Using any other power adapter may damage the unit and will invalidate the warranty.

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#### 4. I/O Ports:

- 12V DC in: Standardized DC input socket for supplying power to the flat panel display.
- D-Sub Input: Analog VGA input port.
- DVI Input: Digital DVI input port.



#### Caution:

1. Connecting the DVI and the D-Sub cables at the same time will result in the monitor running in analog mode.
2. To swap from Analog to Digital mode; Power down the PC. Disconnect the D-Sub cable and attach the DVI cable. Power on the PC .

## 5. Display Key Definition:






























Reference Number	Name	Function
1	Power button	Power on the display.
2	Status Indicator:	[1] Amber light indicates the monitor is in a low power state. [2] Blue light or lit "Shuttle" logo indicates the panel is on.
3	Menu Key:	[1] Launch and shutdown the OSD menu. [2] Return to the main OSD menu.
4	- Key	Scroll the OSD menu and adjust properties in a anti-clockwise direction.
5	+ Key	Scroll the OSD menu and adjust properties in a clockwise direction.
6	Select Key:	[1] Select an option in the OSD menu. [2] Execute an option.
7	Auto adjust Key	Automatically adjusts the clock, phase, H-position and V-position values to optimal settings.

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## 6.OSD Menu:

### On-Screen Display Controls:



Icon	Name	Function Description
	Auto Setup	Automatically adjusts the display setup. Press the  key then use the + and - keys to switch between yes and no. Press the  key to accept your selection.
	Brightness	Adjusts the brightness of the display. Press the  key then using + - keys darken or lighten the background. Press the  key to return to the main menu.
	Contrast	Adjust the displays contrast level. Press the  key then using the + - keys increase / decrease the contrast level. Press the  key to return to the main menu.
	Language	Language selection. Press the  key then using the + - keys to select the desired OSD language. Press the  key to return to the main menu.
	H-V Position	Shift the image on the screen horizontally / vertically. Press the  key then using the + - keys adjust the image on the screen horizontally and vertically. Press the  key to return to the main menu.
	Image Adjust	Press the  key then using the + - keys scroll to the mode you wish to adjust, Press the select key to start adjusting that mode. Then press  again.
	Color Temp.	Press the  key then using the + - keys select either 6500K / 9300K / User Mode. Press the  key to return to the previous menu.

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- |              |  |
|--------------|--|
| Phase adjust | Press the  key then using the + - keys adjust the phase value of the image. Press the  key to return to the previous menu. |
| Clock adjust | Press the  key then using the + - keys adjust the clock value of the image. Press the  key to return to the previous menu. |
| Sharpness    | Press the  key then using the + - keys adjust the sharpness of the image. Press the  key to return to the previous menu.   |





- |             |   |
|-------------|---|
| Information | Scroll over this item to view Model No. H/V Frequency and Resolution information. |
|-------------|---|



- |       |  |
|-------|--|
| Reset | Select this item to revert to default (factory) settings. Press the  key to select this item, then using the + - keys, select "yes" or "No" followed by  to execute. |
|-------|--|



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|--------------|---|
| Input select | Press the  key then using the + - keys select either Analog or Digital mode. Press the  key to return to the main menu. |
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## 7. Timing Mode: \* Preset

Item	Resolution	Horiz.F (KHz)	Vert.F (Hz)	Note	Item	Resolution	Horiz.F (KHz)	Vert.F (Hz)	Note
1	1280 x 1024	80	75	VESA	15	1024 x 768	48	60	VESA
2	1280 x 1024	77	72	VESA	16	832 x 624	49	75	MAC
3	1280 x 1024	74	70	VESA	17	800 x 600	46	75	VESA
4	1280 x 1024	64	60	VESA	18	800 x 600	48	72	VESA
5	1280 x 960	60	60	VESA	19	800 x 600	43	70	VESA
6	1152 x 870	69	75	MAC	20	800 x 600	37	60	VESA
7	1152 x 864	67	75	VESA	21	720 x 400	31	70	VGA
8	1152 x 864	65	72	VESA	22	640 x 480	37	75	VESA
9	1152 x 864	63	70	VESA	23	640 x 480	37	72	VESA
10	1152 x 864	54	60	VESA	24	640 x 480	35	70	VESA
11	1024 x 768	60	75	VESA	25	640 x 480	35	66	MAC
12	1024 x 768	60	75	MAC	26	640 x 480	31	60	VESA
13	1024 x 768	58	72	VESA	27	640 x 350	31	70	IBM VGA
14	1024 x 768	56	70	VESA	28	640 x 350		60	IBM VGA

### User Timing Mode Setup:

The default display frequency settings are displayed in the table above. These settings have been optimized to provide the best display image for a set resolution. You do not need to tamper with these settings. For optimal adjustments to these settings, the user is recommended to run the Auto setup feature in a Window's "Full Screen" environment.

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## 8. Power Management:

- This display is equipped with power management control to automatically reduce the power consumption when the monitor is not in use. The power management feature has the following 4 modes:

State	Hor. Sync	Vert. Sync	Power Consumption	LCD Light
ON	ON	ON	<40 Watts	Logo white/ Blue
Standby	OFF	ON	<5 Watts	Amber
Suspend	ON	OFF	<5 Watts	Amber
OFF	OFF	OFF	<3 Watts	OFF

- Data Display Channel (DDC):  
To make installation easy, this monitor supports Plug and Play if your PC supports DDC protocol. DDC is a communication protocol through which the monitor can automatically communicate and inform the host system (PC) about its capabilities, for example, supported resolution and frequency settings. This display supports DDC1 and DDC2 standards.

## 9. Specifications:

Display Features	Size	17" TFT LCD
	Power Input	AC90 ~ 264 V, 50 ~ 60 Hz.
	Display Area	338 mm x 270 mm.
	Contrast Ratio	450:1
	Viewing Angle	(H)140 / (V)140 degrees
Operation Features	Resolution	SXGA 1280 x 1024 75Hz(Max)
	Brightness	260 cd/m <sup>2</sup>
	Response Time	16 ms
	Interface	Analog RGB / DVI
	Connectors	D-Sub / DVI
User's Control	Front Panel Control	Power on/off, Menu, -/ + Keys, Select, Auto.
Physical Specification	Dimension	422.7mm x 434.5mm x 64mm
	Net Weight	4.3 Kg
Power	Power Saving	VESA DMPs Standard.
	Power Consumption	Less than 40 Watts.

**Note:** Specifications provided above were the best available at time of printing. These specifications are subject to change without notice. For more information, please contact your local authorized Shuttle dealer.



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## 10. Easy Wall Mount:



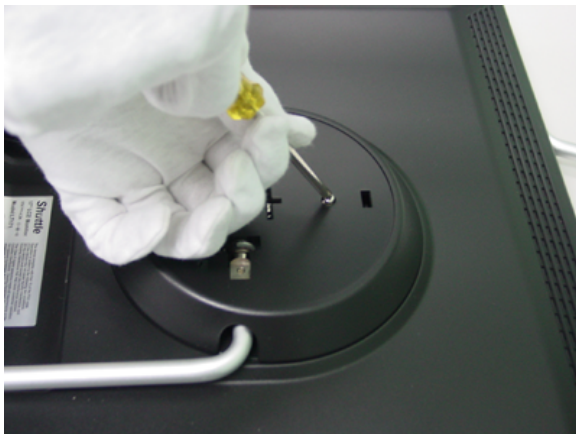
Step 1:

Slide a screwdriver into the slot on the back cover. Twist gently to loosen.



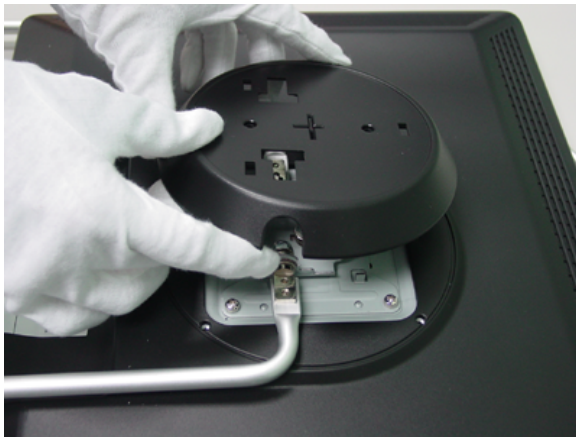
Step 2:

Remove the back cover.

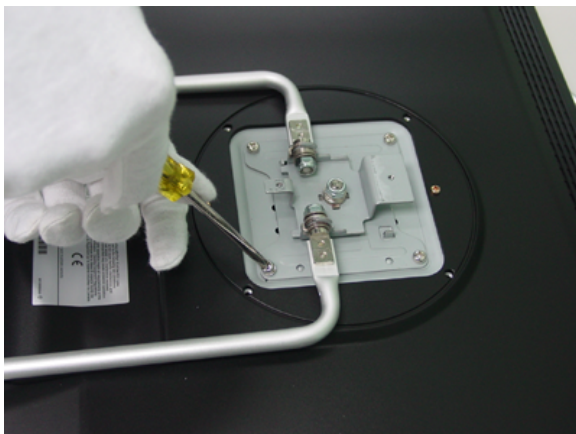


Step 3:

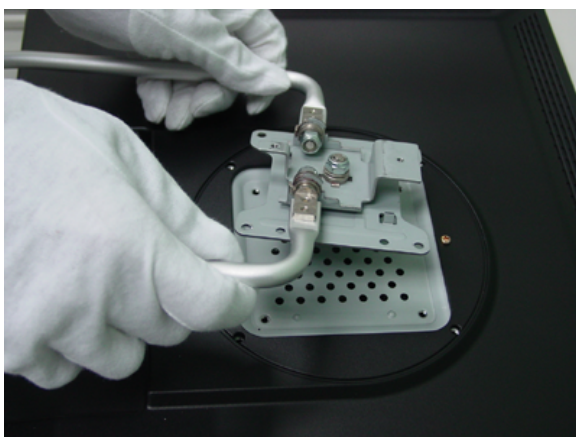
Using a screwdriver, remove the exposed screws.



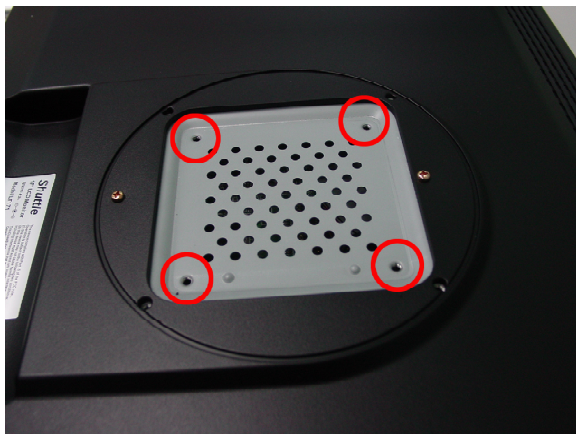
Step 4:  
Remove the protective cover.



Step 5:  
Unfasten the four hinge screws.



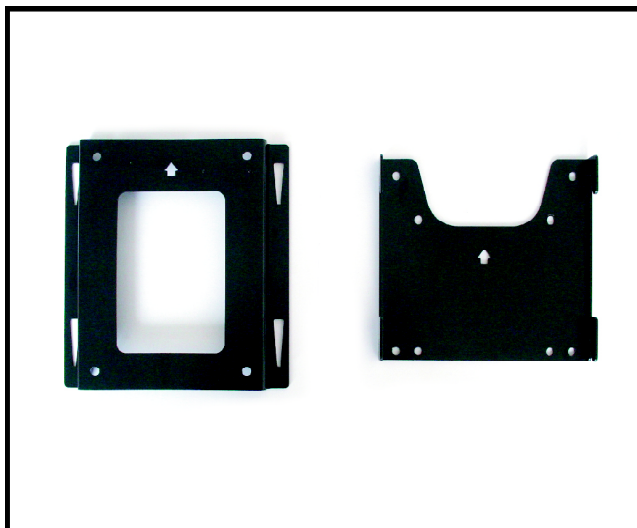
Step 6:  
Remove the hinge.



Step 7:

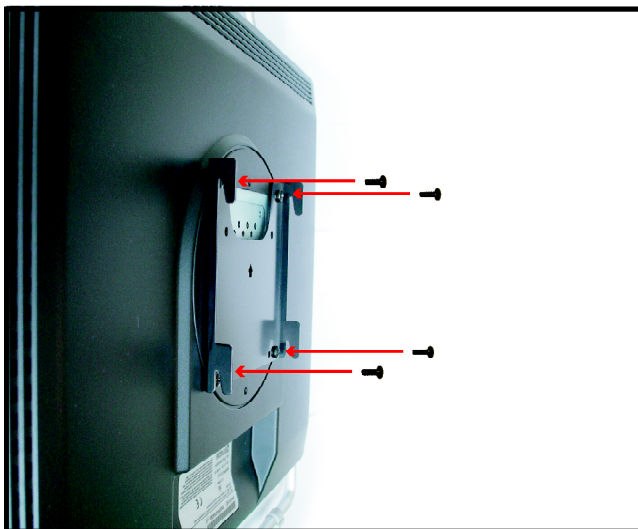
Attach the wall mount bracket to the back of LCD monitor.

NOTE: This display can be mounted on a wall using a VESA compatible 100mm x 100mm arm/or wall bracket. See your local authorized Shuttle dealer for information on where to purchase such brackets.

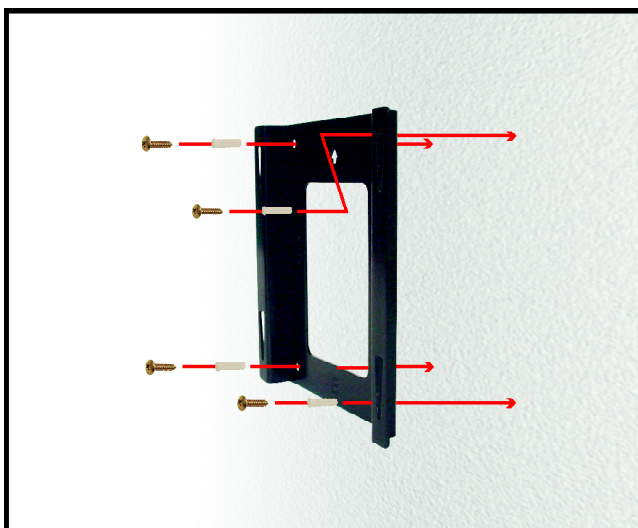


Step 8: Installing a VESA bracket.

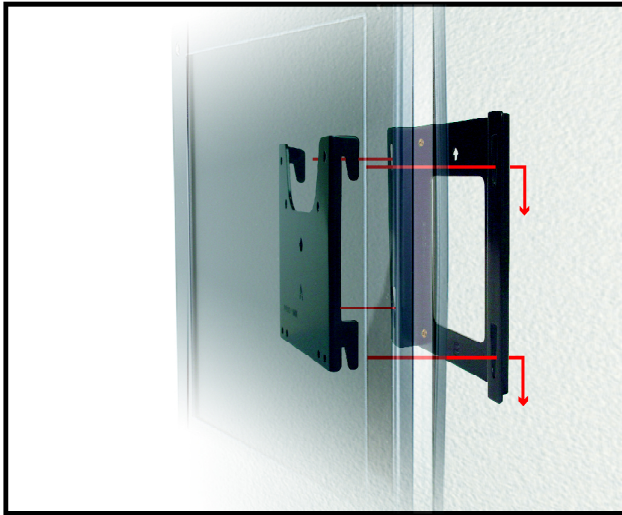
1. Select an appropriate VESA compatible bracket, such as the one pictured here.



2. Attach the display portion of the mounting bracket to the display as shown.



3. Attach the wall portion of the mounting bracket to the wall as shown. Take care to firmly attach the mounting bracket level and flush to the wall.



4. Attach the two sections of the mounting bracket, making sure the attachment is firm and secure.

Note: Shuttle provides no warranty over VESA mounting devices. This wall mounting demonstration is provided for users information only. Please read the instructions that come with your mounting bracket before installing any mounting bracket to the display unit.