

Lambda 17 VF (A)

17" LCD Touchscreenmonitor for ASM Upgrade

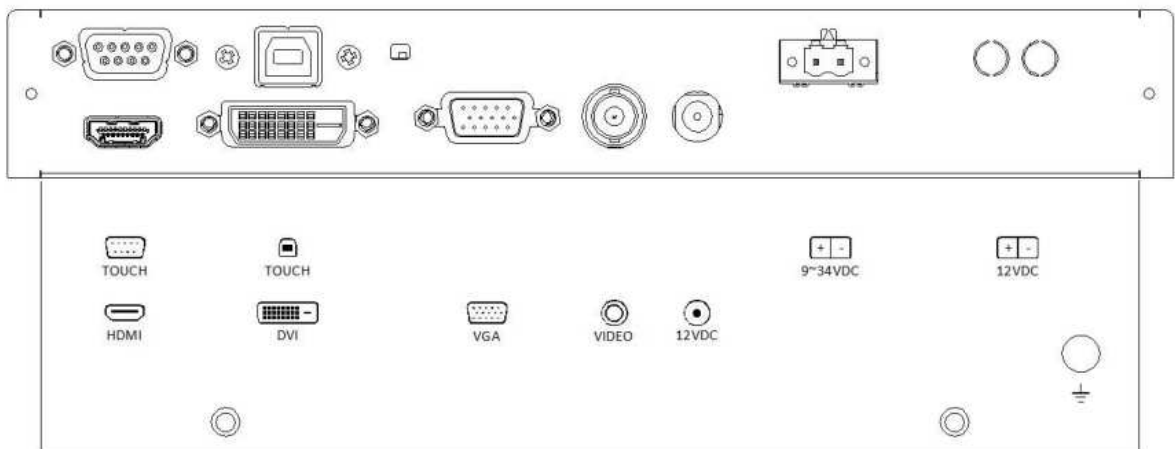


Hot-plug is possible, but for a safe way shut down your system for mounting.

1. Mounting:

Use the 4x M4 75mm-VESA holding to mounting your monitor with your system.

2. Connectors:



This kind of monitor have two wire connection between your ASM®-Upgrade-System.

Replug the 9pin-touchscreen cable (called TOUCH) and also the

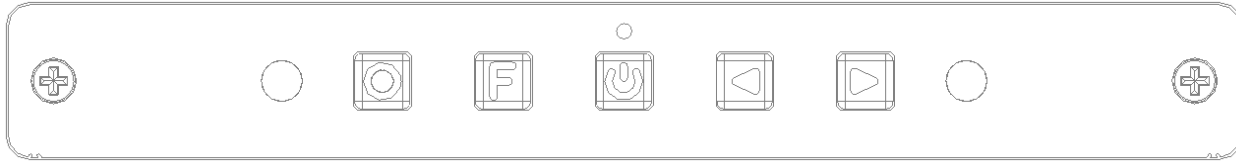
Phoenix® 2-pin-plug called 12VDC.

The image setting could be done with the OSD.

3. OSD

8.4 Setup for Operation (OSD-menu)

The OSD (On Screen Display) provides certain functions to have clear image and others. This monitor supports 5 buttons OSD Menu operation as a standard. The status-LED gives information about the signal status: Green



OSD item	Function	Hotkey function
	Menu Enter, Exit	
	Function select, Enter	Source select
	Sleep mode (ON/OFF)	
	Left, Decrease	- Volume - Auto adjust press&hold key for 1 sec for VGA input. This function sets the image parameters (Phase and clock)
	Right, Increase	Backlight adjustment. Use < and > to adjust
	Status LED: Red: No signal Green: Correct input signal on selected source	

The control functions defined on OSD operation are as below.


OSD MENU Description	OSD MENU Description
Picture Mode	Picture preset mode. (Standard, Dynamic, User, Mild)
Contrast	Adjust the contrast of the screen.
Brightness	Adjust the brightness of the screen.
Colour	Adjust the colour of the screen's image.
Sharpness	Adjust the sharpness of the screen's image.
Tint	Adjust the tint of the screen's image.
Color Temp	Adjust the color temperature of the screen's image.
Backlight	Adjust the backlight of the screen. (not available with option wide dimming)
H-Pos	Adjust the horizontal position of the screen's image
V-Pos	Adjust the vertical position of the screen's image
Clock	Adjust the horizontal size of the screen's image
Phase	Adjust the focus of the screen's image
Auto	Automatically adjust the Horizontal position, Vertical position, Window's background or characters should be displayed on your full screen prior to precede this function.
3D NR	Select NR mode. (Off, Strong, Standard, Weak)
Menu Language	Select the OSD language. (English / Русский / Italiano / Nederlands / Deutsch / Español / Française)
Transparency	Adjust the OSD transparency level. (0 ~ 5)
OSD Time Out	Define OSD time out. (Off, 5Sec, 10Sec, 15Sec)
Restore Default	Initializing that memory by factory presetting except OSD language.

Power Save	Adjust the Power Save time. (0 ~ 120Min)
Zoom Mode	Select the zoom mode. (Normal, OverScan, Zoom)
Image Flip	Image is reversed by vertical. (On, Off)
Image Mirror	Image is reversed by horizontal. (On, Off)
Auto Source	Detect the valid input source automatically. (On, Off)
Source	Select video input source using OSD or direct key in Remocon.

8.4.1 OSD status LED

Stage	Led status	Source searching	Backlight
A. Initialization	RED ON	N/A	ON
B1. Sleep	AMBER ON	Waiting valid signal from last input	OFF
B2. Sleep with AutoSource	AMBER ON	Searching for any valid input	OFF
C1. Awake but No Signal	AMBER BLINK	Waiting valid signal from last input	ON
C2. Awake during Auto Source	AMBER ON	Searching for any valid input	ON
C3. Awake with stable video	GREEN ON	Not required	ON
D. Power Off	RED ON	No video input searching in progress	OFF
E. USB Updating	Red/Green Toggle	Not available	N/A

8.4.2 OSD menu “Option”

Symbol	Main menu	Sub Menu
	Menu Language	English / Русский / Italiano / Nederlands / Deutsch / Español / Française
	Transparency	0 ~ 5
	OSD Time Out	Off, 5, 10, 15 (Sec)
	OSD Info	ON/OFF
	Source Setting	CVBS / HDMI / DVI / RGB : “ ON ” or “ OFF ” respectively
	Mute	ON/OFF
	Volume	0 ~ 100
	Restore Default	YES / NO

Notes:

- Enabled sources from Source Setting can be searched via “Auto Source” mode. Source Setting does NOT affect Manual Source Selection.
- “OSD Info” suppresses all OSD output when an application requires silent operation.

8.4.3 OSD menu “Picture”

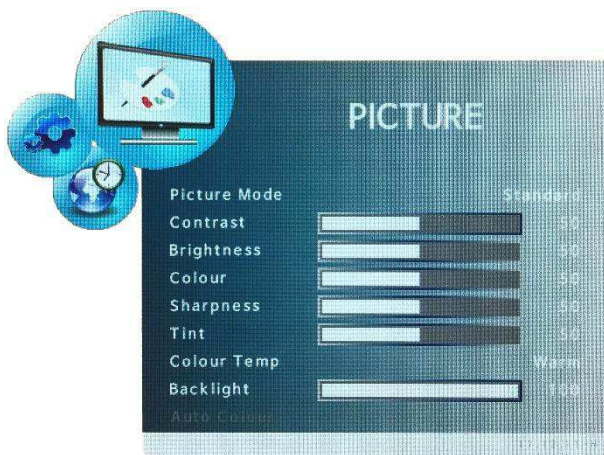
Symbol	Main menu	Sub Menu
--------	-----------	----------

Signal source RGB (VGA)/DVI:

Picture Mode	Standard / Dynamic / User / Mild
Contrast	0 ~ 100
Brightness	0 ~ 100
Colour	0 ~ 100
Sharpness	0 ~ 100
Colour Temp	Color Mode: Warm / Medium / Cool / User (R/G/B): 0 ~255
Backlight (not effective when using a dimming knob or buttons. Do not set to zero, because the screen will be 100% black)	0 ~ 100
Auto Color (not available in DVI-mode)	There must be a clear black and white image as background, like a MS-Word or Excel file.

Signal source CVBS/HDMI:

Picture Mode	Standard / Dynamic / User / Mild
Contrast	0 ~ 100
Brightness	0 ~ 100
Backlight	0 ~ 100
Sharpness	0 ~ 100
Tint	0 ~ 100
Color	0 ~ 100
Color Mode	Color Mode: Warm / Medium / Cool / User (R/G/B): 0 ~255
Backlight (not effective when using a dimming knob or buttons. Do not set to zero, because the screen will be 100% black)	0 ~ 100



8.4.4 OSD menu “Function”


Symbol	Main menu	Sub Menu
	Power Save	Off ~ 120 min.(off, 0.5, 1, 2, 5, 10, 30, 60, 120)
	Zoom Mode	Normal / OverScan / Zoom (for CVBS & HDMI)
	Aspect	Auto / 16 : 9 / 4 : 3 / Fill
	Image Flip	ON / OFF
	Image Mirror	ON / OFF
	Auto Source	ON / OFF (check enable sources)
	XGA Mode	1024x768 / 1280x768 / 1360x768 / 1366x768
	3DNR	Off / Strong / Standard / Weak
	Advanced	H-pos 0 ~ 100 V-pos 0 ~ 100 Clock 0 ~ 100 Phase 0 ~ 100 Auto Auto Adjust

Notes:

The details of above Zoom Mode are :

- “ Over Scan “ mode : this is the factory default condition in general, most of target video sizes on the LCD screen mean this mode (5% zoom and cropped). Traditional CVBS input signal requires OverScan mode for general usage.
- “ Normal “ : Displays all available pixels into screen without cropping and zooming.
- “ Zoom “ : Magnifies center of screen by 25%

8.4.5 OSD menu “Setup”

Symbol	Main menu	Sub Menu
	Serial Port	Baud Rate 1200 ~ 57600 Data 5bit ~ 8bit Parity None / Odd / Even Stop 1bit
	User Assign	Keypad > Backlight, Keypad < Volume, F1 Contrast, F2 Flip/Flop, F3 Image Flip, F4 Image Mirror, Mute, Mono, Colour Channel, Red Only, Green Only, Blue Only, Zoom

Notes:

4 kinds of User Hotkey Setting : this is a very convenient way of user choice in order to use the “Remocon (Remote Controller)” How can all users settle this function?

Menu > SETUP > User Assign → then can be selected through the Keypad Up and Keypad Down button on OSD Board
 The F1 ~ F4 are only available with option remote control. The keys are selectable a required function as the HotKey among all the menu among “Backlight, Volume, Contrast, Flip/Flop, Image Flip, Image Mirror, Mute, Mono, Colour Channel, Red Only, Green Only, Blue Only, Zoom”