



User Manual WPD Series

MPC-WPD12 - MPC-WPD15 - MPC-WPD17 - MPC-WPD19

Here is an easy-to-locate form to record the unit's serial number, and from the invoice, record the invoice date. The unit's serial number is located on the back panel.

If the unit ever requires service, please refer to this information when contacting the MarinePC Service Center.

Product Name

Serial Number

Invoice Date

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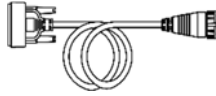
I. Checking the Components



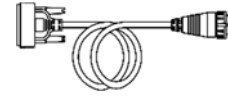
DC power cable
(10 feet)



CVBS Cable
(10 feet)



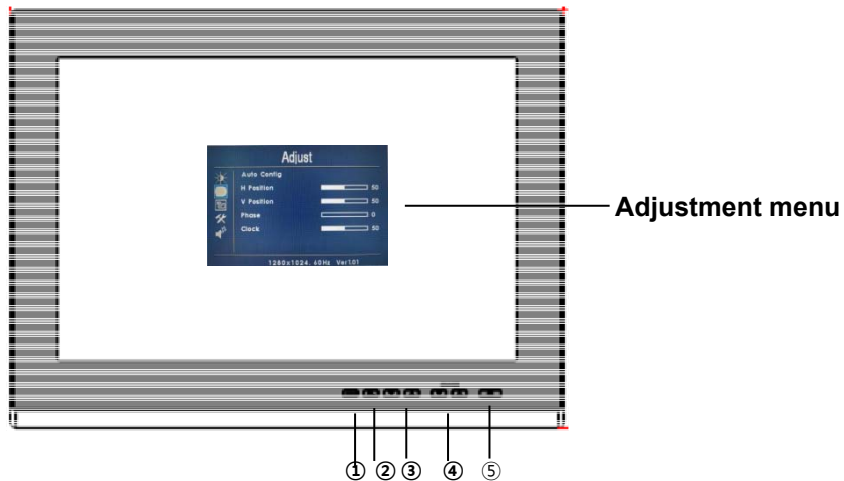
DVI-Circular
Cable (4 feet)
(Option)



D-SUB15-Circular
Cable (4 feet)
(Option)

II. Buttons and Indicators

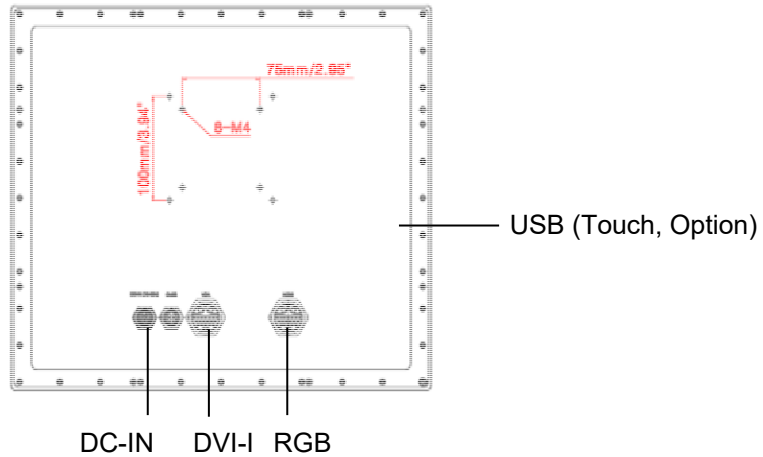
1. Button Description



Button Name	Description	
① Menu button	OSD Menu / Exit OSD Menu	
② Source button	Select the input source.	
③	-Down	Navigate to next menu on Sub Menu.
	-Up	Navigate to previous menu on Sub Menu.
④ Dimmer	Turn Power On & Off (Press 1 second)	
⑤ Power button	Adjust the luminance of back light	

III. Connecting Cable

1. Power and I/Os

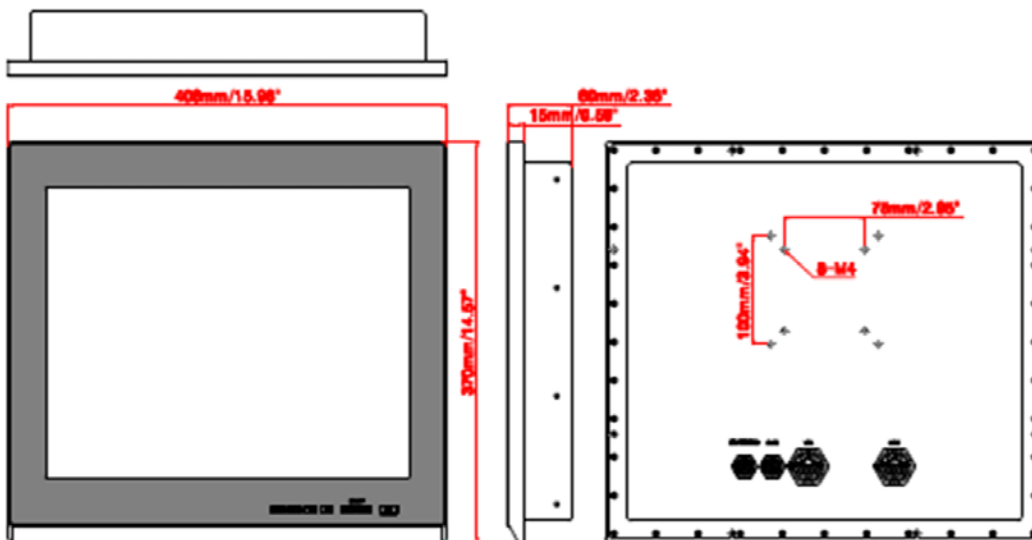


2. Connecting Cables

- 1) Connect a power cord to the DC power connector.
- 2) Connect the monitor to an equipment using appropriate cables.
- 3) Turn on the monitor first before turning on the device.

2. Dimensional diagram (Typ. 17" Shown)

406mm(15.98") x 370mm(14.57") x 60mm(2.36")



IV. OSD Menu

You can use the OSD to adjust the picture quality, OSD position and general settings. For advanced settings, please refer to the following page. To select a menu item, press the menu button.

1. Key Navigation and Control

1) Entering the OSD menu



2) Making Adjustments and setting.

Use the up/down/ buttons to select the main menu. Press 'left/right button to move to sub-menu.

3) Exiting the Adjustment menu

Press the 'SEL' button to close the menu screen.

2.OSD Menu Description

2-1. Color Mode

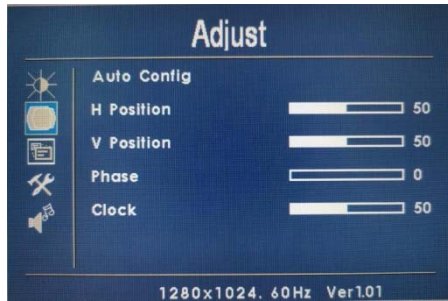
-. Adjust the brightness, Contrast and Sharpness of the monitor.



Item	Description
Brightness	Adjust the brightness of image.
Backlight	Adjust the value or backlight.
Contrast	Adjust the Contrast of image.
Color Temp.	Adjust user's color settings.

2-2. Adjust Mode

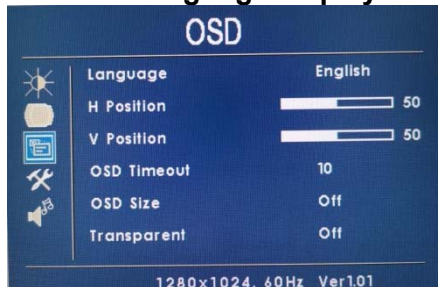
- Adjust the monitor's color temperature and gamma.



Item	Description
Auto Config	Adjust auto Config
H Position	Adjust H Position setting
V Position	Adjust V Position setting
Phase	Adjust Phase Offset
Clock	Adjust Clock Offset

2-3. OSD Mode

-Set the language displayed on the menu and the location of the OSD screen.



Item	Description
Language	Adjust language
H Position	OSD window up/down
V Position	OSD window up/down
OSD Timeout	Adjust OSD off time when key input is not detected
Transparent	Adjust transparent

2-4. Function Mode

- Adjust OSD Transparency, OSD off time, and OSD position.



Item	Description
Transparency	Adjust the transparency of OSD window.
OSD Timeout	Adjust OSD off time when key input is not detected.
OSD Position	Set the display position of OSD on the screen

2-4. Sound Mode

- Adjust OSD Transparency, OSD off time, and OSD position.



Item	Description
Volume	Volume adjustment
Mute	Mute on/off

V. Specification

MODEL	MPC-WPD12	MPC-WPD15	MPC-WPD17	MPC-WPD19	
Panel	Size (Diagonal)	12.1"	15"	17"	19"
	Backlight	LED	LED	LED	LED
	Resolution	1024 x 3(RGB) x 768	1024 x 3(RGB) x 768	1280 x 3(RGB) x 1024	1280 x 3(RGB) x 1024
	Number of Pixels	786,432	786,432	1,310,720	1,310,720
	Support Color	16.2 Million	16.2 Million	16.7 Million	16.7 Million
	Brightness	Max. 1000 cd/m ²	Max. 1000 cd/m ²	Max. 1000 cd/m ²	Max. 1000 cd/m ²
	Viewing Angle	160°(H) / 150°(V)	160°(H) / 150°(V)	160°(H) / 140°(V)	160°(H) / 150°(V)
	Response Time	25/10 ms (Tr/Tf)	5/11ms (Tr/Tf)	20/10ms (Tr/Tf)	20/10ms (Tr/Tf)
	Contrast Ratio	800:1 (Typ.)	1000:1 (Typ.)	1000:1 (Typ.)	1000:1 (Typ.)
	Panel Surface	Anti-reflective Coating	Anti-reflective Coating	Anti-reflective Coating	Anti-reflective Coating
Input Video	VGA (Circular connector)	Input	Input	Input	Input
	DVI-I (Circular connector)	Input	Input	Input	Input
Power	Power Supply	External brick power supply	External brick power supply	External brick power supply	External brick power supply
	Input Voltage	DC 9-38V 12,24,28 VDC normal	DC 9-38V 12,24,28 VDC normal	DC 9-38V 12,24,28 VDC normal	DC 9-38V 12,24,28 VDC normal
	Power Consumption	Max. 25W	Max. 30W	Max. 40W	Max. 48W
Misc.	Operating Temperature	-30°C~70°C	-30°C~70°C	-30°C~70°C	-30°C~70°C
	Operating Humidity	0%~100%	0%~100%	0%~100%	0%~100%
Design	Dimensions (W)X(H)X(D) mm	335x296x60 ±2	384x340x60 ±2	415x383x60 ±2	452x441x60 ±2
	IP Rating	IP65 (NEMA 6 Splashproof)			
	User Controls	OSD Control by control buttons			

