



User's Manual

MPC-WPD Series

WPD08 / WPD10 / WPD12 / WPD15
WPD17 / WPD19

Proprietary Data Notice:

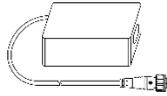
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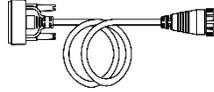
I. Checking the Components



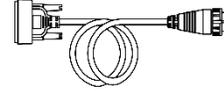
Power Cable



DC power adapter
(10 feet)



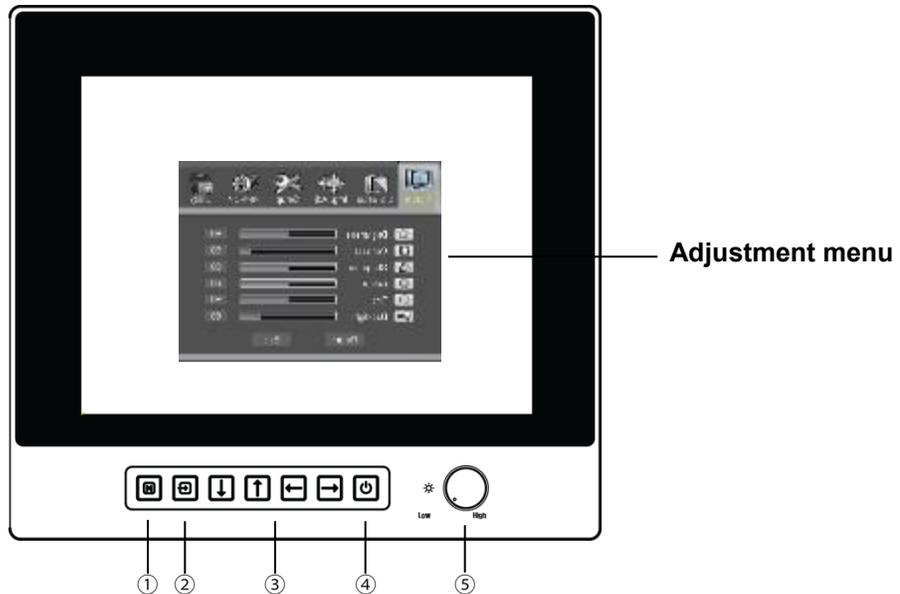
DVI-Circular
Cable (4 feet)
(Option)



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

II. Buttons and Indicators

1. Button Description

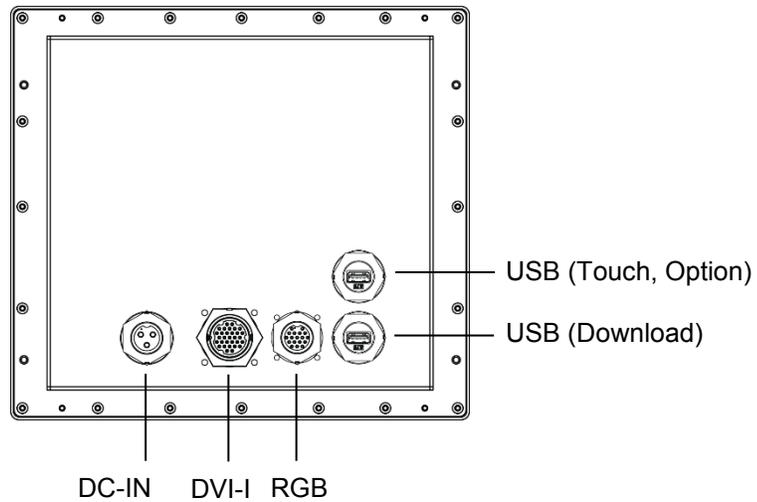


Button Name	Description	
① Menu button	OSD Menu / Exit OSD Menu	
② Source button	Select the input source.	
③	-Down	Navigate to next menu on Sub Menu.
	-Up	Navigate to previous menu on Sub Menu.
	-Left	1. Navigate to previous menu on Top Menu. 2. Decreases Gauge Value of Sub Menu.
	-Right	1. Navigate to next menu on Top Menu. 2. Increases Gauge Value of Sub Menu. 3. Enter or Select the Item Value to control the Sub Menu item.

④ Power button	Turn Power On & Off (Press 1 second)
⑤ Dimmer	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.

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.

1. Key Navigation and Control

1) Entering the OSD menu



2) Making Adjustments and settings

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

3) Exiting the Adjustment menu

To return the main menu, move to the 'Return' item and then press the menu button. The following table shows all the adjustment menu's adjustment and setting menus.

2. OSD Menu Description

2-1. Picture Mode

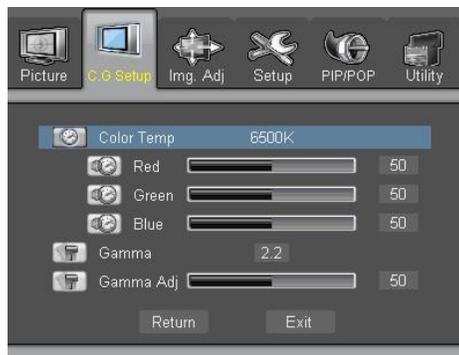
- Adjust the brightness, Contrast and Sharpness of the monitor.



Item	Description
Brightness	Adjust the brightness of image.
Contrast	Adjust the contrast of image.
Sharpness	Adjust the Sharpness of image.
Color	Adjust user's color settings.
Tint	Adjust the color balance between reddish and greenish.
Backlight	Adjust the value or backlight.

2-2. Color/Gamma Setup

- Adjust the monitor's color temperature and gamma.



Item	Description
Color Temp	Native, 6000K, 6200K, 6500K, S-Color, BT1886, User1, User2
Red	Adjust Red Offset
Green	Adjust Green Offset
Blue	Adjust Blue Offset
Gamma	OFF, 1.8, 2.0, 2.2, 2.4, 2.6

2-3. Image Adjust

- Adjust the size of the image displayed on the monitor.



Item	Description
Full Screen	Image will be displayed in a full screen regardless of its resolution.
1 : 1	Image will be display in an original resolution.
OverScan	Can zoom in or out the image.

2-4. Setup Menu

- 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

2-5. PIP/POP

- The monitor is able to display additional video feed from secondary video sources.



Item	Description
Window Layout	Display area of the screen can be subdivided with multiple regions where you can manage various video inputs.
Main Window Source	Set the primary video source of the monitor.
Secondary Window Source	Set the secondary video source of the display.
Window SWAP	Switch the primary and the secondary video source each other.
PIP Position	Set the position of PIP window.

2-6. Utility

- Change miscellaneous settings.



Item	Description
Factory Reset	Reset all the parameters of the monitor with factory default settings.
Operation Time	Displays accumulated backlight lamp on time.
DPMS	When monitor is not used for a certain period of time, the monitor puts itself into a power saving mode to save power.
OSD Lock	Lock OSD settings to avoid changing the setting accidentally.

V. SPECIFICATIONS

MODEL		WPD08	WPD10	WPD12	WPD15	WPD17	WPD19
Panel	Size (Diagonal)	8.4"	10.4"	12.1"	15"	17"	19"
	Backlight	LED	LED	LED	LED	LED	LED
	Resolution	800 x 3(RGB) x 600	1024 x 3(RGB) x 768	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	480,000	786,432	786,432	786,432	1,310,720	1,310,720
	Support Color	16.2 Million	16.2 Million	16.2 Million	16.2 Million	16.7 Million	16.7 Million
	Brightness	Max. 1000 cd/m ²					
	Viewing Angle	160°(H) / 160°(V)	170°(H) / 170°(V)	160°(H) / 150°(V)	160°(H) / 150°(V)	160°(H) / 140°(V)	160°(H) / 150°(V)
	Response Time	20/10 ms (Tr/Tf)	14/11 ms (Tr/Tf)	25/10 ms (Tr/Tf)	5/11ms (Tr/Tf)	20/10ms (Tr/Tf)	20/10ms (Tr/Tf)
	Contrast Ratio	900:1 (Typ.)	800:1 (Typ.)	800:1 (Typ.)	1000:1 (Typ.)	1000:1 (Typ.)	1000:1 (Typ.)
	Panel Surface	Anti-reflective Coating					
Input Video	VGA (Circular connector)	Input	Input	Input	Input	Input	Input
	DVI-I (Circular connector)	Input	Input	Input	Input	Input	Input
Power	Power Supply	External brick power supply	External brick 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					
	Power Consumption	Max. 20W	Max. 25W	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	-30°C~70°C	-30°C~70°C
	Operating Humidity	0%~100%	0%~100%	0%~100%	0%~100%	0%~100%	0%~100%
Design	Dimensions (W)x(H)x(D) mm	259x229x60 ±2	282x263x60 ±2	335x296x60 ±2	384x340x60 ±2	415x383x60 ±2	452x441x60 ±2
	IP Rating	IP68 (NEMA 6 Submersible)					
	User Controls	OSD Control by control buttons					

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