COLOR TFT LCD MONITOR
User Manual

General Information

Thank you for choosing our TFT LCD (liquid crystal display) monitor. This product employs integrate circuits, low power consumption, and no radiation emission. It has fashion designed appearance and good portability. The TFT LCD screen is the most suitable display for VGA, VCD, DVD, and GPS on vehicles or vessels. Moreover, this product is able to be used in office, at home, or other proper positions. Please enjoy the benefits of convenience, safety, and space-saving from this TFT LCD monitor in different ways.

⚠️ **To ensure the best use of this product, please read this manual carefully beforehand**.

CAUTIONS

1. Please use the adapter attached in the accessories.
2. Please do NOT expose this product to direct sunlight, heat, or humid conditions.
3. Please keep away from strong light while using this product in order to obtain the clearest and the most colorful pictures.
4. Please avoid heavy impact or drop onto the ground.
5. Please do NOT use chemical solutions to clean this product. Please wipe with a clean soft cloth to maintain the brightness of the surface.
6. Please follow the instructions and trouble-shootings to adjust the product. Other improper adjustment may result in damage. Any further adjustment must be performed or conducted by a qualified technician.
7. Please unplug the power and remove the battery if long-term no-use, or thunder weather.

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# 1. PRODUCT DESCRIPTION

1．Infrared signal receiver (work with remote controller)

2．Battery indicator light: red while standby; green while working

3．–: Volume down, or value down while using menu setting functions

4．+: Volume up, or value up while using menu setting functions

5．MENU：To activate OSD (on-screen display) menu; long press to zoom in/out pictures automatically when receiving HDMI (High-Definition Multimedia Interface) signals

6．<: Selection key, to select items on OSD menu.

7．>: Selection key, to select items on OSD menu. Press to adjust brightness among 6 levels.

8．A/V: circularly switch among HDMI, YPbPr, Video 1, Video 2, and SDI (optional).

9．Power ON/OFF switch.

10．Sun shade.

11．Mounting socket (right side)
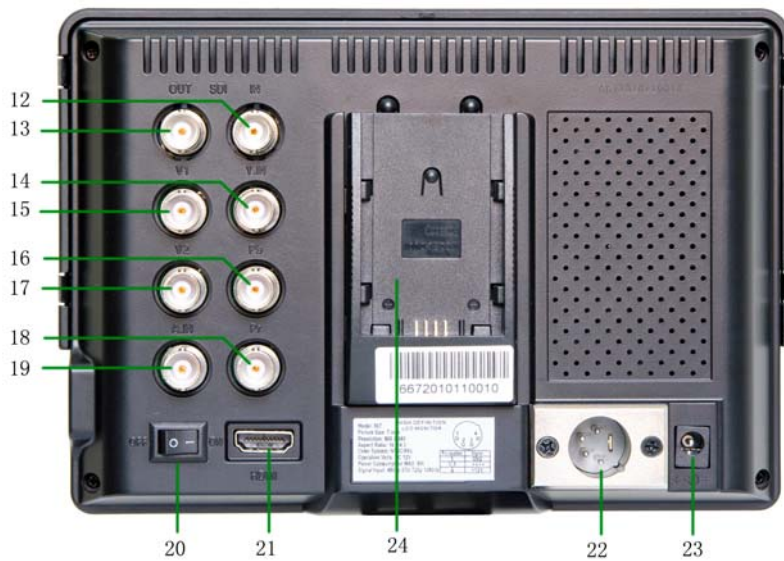
12．SDI (Serial Digital Interface) signal input
13．SDI signal output
14．Y signal input
15．Video 1 signal input
16．Pb signal input
17．Video 2 signal inpu
18．Pr signal input
19．Audio signal input
20．Battery power on/off switch

21．HDMI (High Definition Multimedia Interface) signal input

22．4-pin XLR DC power input

23．DC power input

24．Battery slot

25．Mounting socket (bottom)

2. REMOTE CONTROLLER
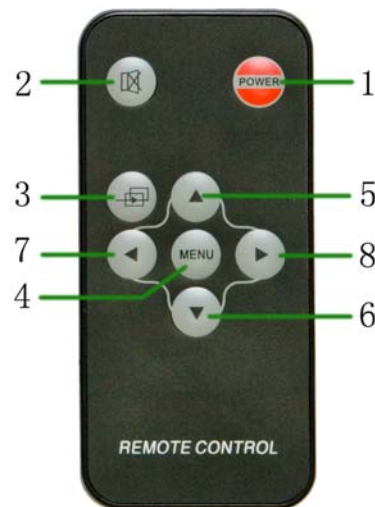
1．Power

2．Mute button

3．Display switch among HDMI、YPbPr、Video 1, Video 2, and SDI (optional, must with necessary equipment) circularly

4．MENU: enter menu function setting

5．▲: Up move; or change brightness among 6 levels

6．▼: Down move

7．◄: Left move; or volume down; or increase the function values in menu settings

8．►: Right move; or volume up; or decrease the function values in menu settings

3. POWER SOURCES

This product package comes with a 12V/1.5A DC adapter plug in to the DC power input (See PRODUCT DESCRIPTION 23).

Another option of power source is using batteries. The product package comes with two types of batter slots (See BATTERY INSTRUCTION). The recommended batteries are Panasonic DU21 and Sony QM91D.

Also, this product is capable to use the power from your camcorder via the 4-pin XLR interface (See PRODUCT DESCRIPTION 22).

4. BATTERY INSTRUCTION

1．Battery slot and battery

The included two battery slots available for two types of batteries (See the pictures below).

Picture: two types of battery slots

Picture: two types of batteries corresponding to the upper two slots

2．Battery power control

The battery switch controls whether to use battery power or not. Keep off while not using battery.

Suggestion: Better take off the battery for long-time not using this product.

20. Battery Switch

2．Battery volume

An icon of battery volume displays on the screen while using battery as power source.


Battery power low

Battery power full

5. SETTING MENU

Before setting the menu functions, please make sure the device is connected correctly.

When power on, press MENU on the device (See PRODUCT DESCRIPTION 5) or on the remote controller (See REMOTE CONTROLLER 4). The menu of function setting will display on the screen.

Press >/< buttons on the device or ▼/▲ buttons on the remote controller to select items on the left of the display. Then press ＋ / − buttons on the device or ►/◄ buttons on the remote controller to change the values.

The following pictures are the setting displays of different modes.

1．OSD YPbPr/HDMI/SDI setting menu
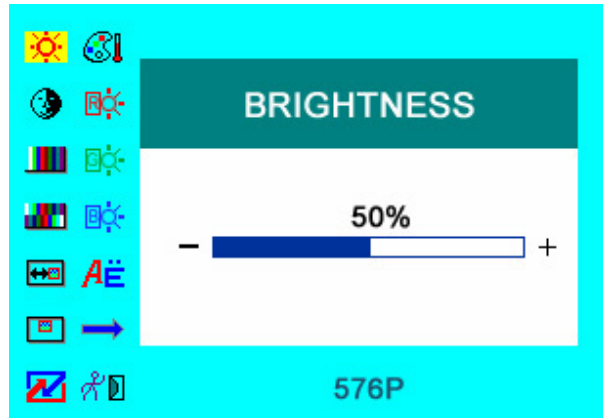
Picture: YPbPr/HDMI/SDI setting screen

2．OSD AV setting menu (Video 1/Video 2)

The auto-detected AV format displays at the bottom of the screen.
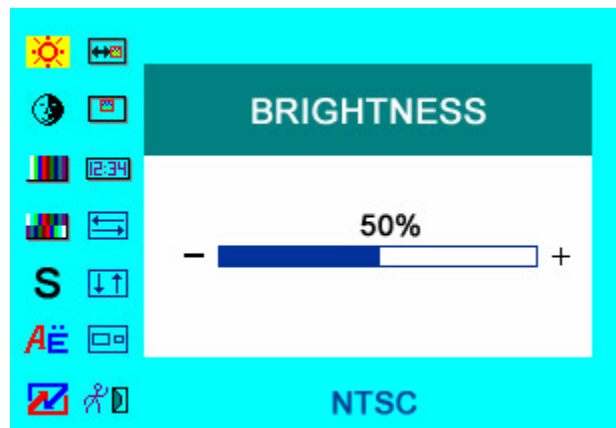
Picture: AV setting screen

3．Miscellaneous setting menu under YPbPr/HDMI/SDI modes, enter via ➡️

item to a new page.

Picture: Miscellaneous setting screen

4．Icon description:

| Icon	Name	Function
	Brightness	Adjust the level of brightness
	Contrast	Adjust the level of contrast
	Saturation	Adjust the level of saturation
	Tint	Adjust the tint of image
	OSD H-Position	Adjust the on-screen-display horizontally
	OSD V-Position	Adjust the on-screen-display vertically
	Reset	Select "Yes" to reset the adjustment as manufacture parameters.
	Color temperature	Choose the color temperature. Options: User, 6500ºK, 7500 ºK, or 9300 ºK.
	Red	**Note**: Only can available under "User" mode to meet the color value you need.
	Green	
	Blue	
	Language	Choose language between English and Chinese
	Miscellaneous	Enter to next page (See picture below) for miscellaneous selections
	Exit OSD	Select "Exit" to quit the on-screen-display menu.
	Picture over-turn horizontally	Horizontally over-turn picture to left or right.
	Picture over-turn vertically	Vertically over-turn picture up or down.
	Display mode	Shift display mode between 4:3 and 16:9.
	Sharpness	Adjust the sharpness of picture
	OSD Duration	Adjust the display duration of OSD from 5-100 seconds.

6. Accessories

Picture: Accessories included in the product package

On the above picture, from top to bottom, left to right, the included accessories are:

Remote controller	1 piece
Bottom support bracket	1 piece
4-pin battery slot	1 piece
2-pin battery slot	1 piece
Sun shade	1 piece
User manual	1 piece
12V/1.2A DC adapter	1 piece

Picture: Optional accessories

The optional accessories on the above picture are hot-shoe bracket, battery, and HDMI cable.

7. MAIN PARAMETERS

Panel Size	7" TFT LED (16:9)
Screen Resolution	800×480
Brightness	450cd/㎡ or 250cd/㎡
Contrast	500 : 1
Viewing Angle	120°/ 140°(H/V)
Input Voltage	DC 12V / 1.2A
Input Signal	HDMI, YPbPr, AV, SDI (optional)
Current	650mA
Standby Current	≤ 50mA
Power Consumption	≤ 8W
Input Resistance	75Ω
Input Frequency	H/30-60KHz,V/60-75Hz
Speaker	1 (front)
Speaker Power	1W
Size:(long × wide × high)	**188mm × 131mm × 33mm (without sun shade)** **194mm × 134 mm × 73mm (with sun shade)**
Weight	510g / 568g (with sun shade)

8. TROUBLE SHOOTING

1. Only black-and-white display:

   Check whether the color saturation and brightness are properly setup.

2. Power on but no pictures:

   Check whether the cables of Video, HDMI, DVI (Digital Visual Interface), and/or SDI (optional) are correctly connected. Please use the standard power adapter coming with the product package. Improper power input may cause the device.

3. Wrong or abnormal colors:

   Check whether the cables are correctly and properly connected. Broken or loose pins of the cables may cause a bad connection.

4. Remote controller doesn't work:

   Check whether the battery is well charged and properly installed into the device. The signal of the remote controller may interfered by some obstacles or obstructions.

5. Other problems:

   Please press "MENU" button and choose to reset to manufactory default values.

9. REMARK

It is normal to see some bright lines appear on the screen when turn off the device.