

Multi-function Portable

HD LCD Monitor



User Manual

Product Overview

Thank you for purchasing our photography, broadcast color LCD Monitor kit. This product adopts proprietary digital signal processing circuit and professional IPS LCD screen. It's high brightness, low power consumption, stable performance and emits no radiation advantages. It's with HDMI Input, AV input and output, which make it wide application, casing compact, simple operation, and portable convenient. Advanced features include Peaking Focus, Screen Marker, Camera Mode, Zoom All, Image Flip and Color Temp. etc. It is an ideal portable light weight frame supporting the monitor. The monitor built-in battery plate, you can use the power adapter supply or use the external battery for power supply.



To insure best use of the unit, please read the user's manual carefully

CAUTION

1. Do not use any damaged or leaking battery and please replace the battery immediately if its working life becomes short significantly
2. Do not expose this product to direct sunlight, heat or humid conditions
3. Keep away from strong light while using this product so as to obtain the clearest and the most colorful picture. Please use sun shade for the outdoor necessary
4. Please avoid heavy impact or drop on the ground.
5. Do not use chemical solutions to clean this unit. Please simply wipe with a clean soft cloth to keep the brightness of the surface.
6. Without adjustable component in the unit, please do not take apart or repair the unit by yourself, to avoid damage the product.

Features

- High brightness, contrast, high resolution with sun shade, visible under the sunshine
- Built-in HDMI/AV inputs, enable for a various of signal
- External remote control, to control the functions of the monitor in distance.
- Optional for external battery plate and various batteries for outdoor usage
- 4 F Buttons can be self-defined for different function,
- Picture Zoom can be operated Zoom All, U/D Zoom, L/R Zoom
- Contain Focus Assist , Camera Mode, Center Marker, Safe Frames, Image Freeze, Image Flip, Check Field, P2P, etc.

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1. Product Description

1.1 Front Panel Features



1. Power Indicator light: when power on/standby, it turns red; when signal in, it turns green!
2.  : Power on/off
3. F4: Custom button, enter secondary menu item F (self-defined button), then self-define the function that user need
4. F3: Custom button, same as F4 operation
5. /F2: Multi button. In OSD Menu is for up adjustment. It can be custom button when not in OSD. See F4.
6. /F1: Multi button. In OSD Menu is for down adjustment. It can be custom button when not in OSD. See F4.

7. MENU: Menu button
8. >: Volume up, in OSD menu to increase the value of analog on the menu.
9. <: Volume down, in OSD menu to decrease the value of analog on the menu.
10. MODE: Signal Switch Button
11. LCD Display

1.2 Rear Panel Features



1. USB Upgrade Port
2. OSD Controller input. Can insert OSD Controller into this port, to have a remote operation on the parameters of the monitor

3. : Earphone insert
4. AV: AV signal input, to input the AV signal into the monitor through the assorted port
5. HDMI: HDMI(High Definition Multimedia Interface) signal input
6.  : DC power input interface, pole of the power should match the image.
7. Battery Plate
8. Built-in Speaker

1.3 VIDEO Matched Cable (option)



The input of the VIDEO signal is 3.5mm four section plug (as the picture above)

When use ,

Insert the black plug (1) into the video input of the monitor

White RCA jack (2) for L Audio input

Red RCA jack (3) for R Audio input

Yellow RCA jack (4) for Video input

1.4 HDMI Lock



1. HDMI locking plate

2. Locking Screw

To use HDMI locking plate to lock the plug of HDMI cable, then put the locking plate close to the monitor, and finally bolt the locking screw to lock the plate with the monitor. As the picture below (arrow direction)



1.5 Sunshade



① Sunshade



② Sunshade Frame



③ Complete Shape



④ Sunshade Application

First to open the sunshade ① , and match the sticker on the sunshade inside to the marked part of the sunshade frame , press the side of the sunshade frame , ③ smooth and press 3 sides on the sunshade, ④to lock the sunshade with the monitor tight.

1.6 Battery Plate

There is a battery plate installed on the back of the monitor, can assemble the corresponding battery to power the monitor. There are many different battery plates. The customers can choose the suitable battery plate according to the battery.

Battery Plates in different model as below:



F970



LP-E6



D28S

●**Sony F970 battery plate for battery of Sony DV:**

Sony F970 F960 F950 F930 F770 F750 F730 F570 F550 F530
QM91D QM91 QM90D QM90 QM71D QM71 QM70D QM70
QM51D QM51 FM71 FM70 series

●**LP-E6 battery plate for battery of Canon DV:**

Canon LP-E6

●**D28S battery plate for battery of Panasonic DV:**

Panasonic D55 554S D54SE D40 D35 D33 D32 D28 D25 D22
series

●**Three types of batteries corresponding to the upper three slots**



F970



LP-E6



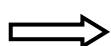
D28S

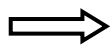
Remark: Different specifications of the battery, capability is different. The working time for the monitor will be different. Higher capability (working time) will be longer. Please take off the battery from the monitor if you don't use the monitor in a long time

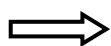
2. Operation Instructions

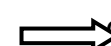
Before setting the menu functions, please make sure the device is connected correctly. Power switch dial to ON position, according to the input signal to switch AV, HDMI, When the power indicator of the monitor go on (Red) , then following instructions below and choose the corresponding key to operate monitor.

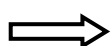
2.1 Button Instructions

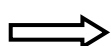
  Power on/off

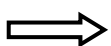
MODE  Signal Switch Button

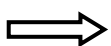
MENU  Menu button

F3, F4  custom button, enter the OSD menu of the F secondary menu ,operate “>” on the unit to select , then using“ **▼/F1** ” or “ **▲/F2** ” to select, Press "MENU" button to custom Settings.

▼/F1  Multi button. In OSD Menu is for down adjustment. It can be custom button when not in OSD. See F4.

▲/F2  Multi button. In OSD Menu is for up adjustment. It can be custom button when not in OSD. See F4.

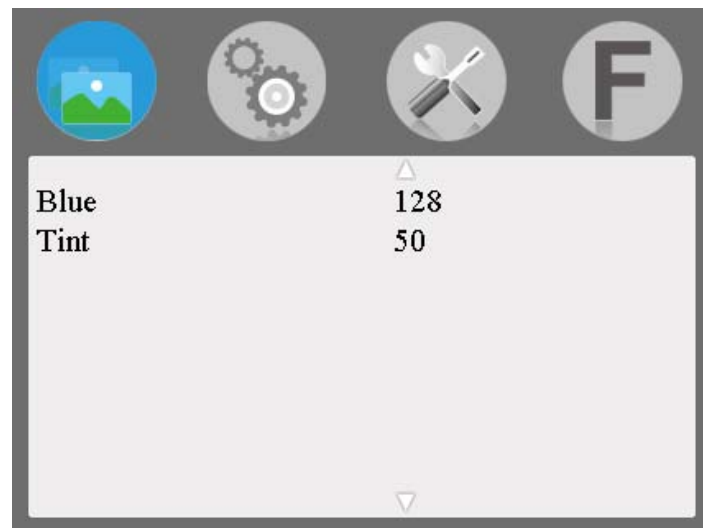
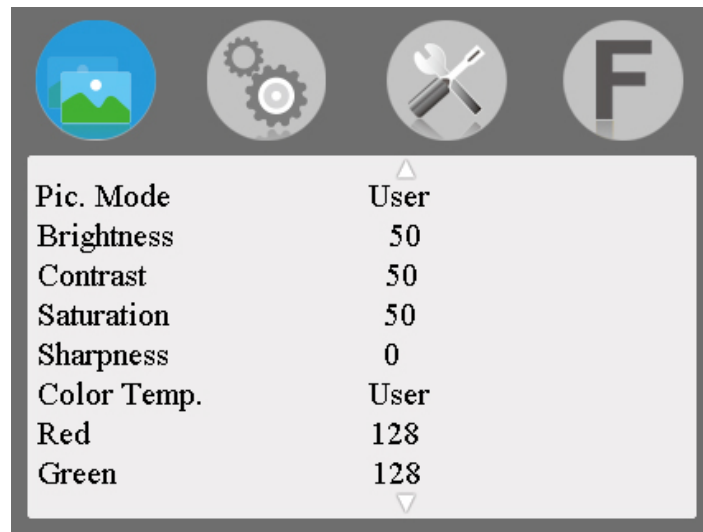
>  Volume up, in OSD menu to increase the value of analog on the menu

<  Volume down, in OSD menu to decrease the value of analog on the menu.

2.2 Menu Instructions



Image color (including 2 pages menu)



※ **Pic. Mode:** Standard, Dynamic, Mild, User

When select **“user”**, it could according to the practical situation to adjust the image of "Brightness, Contrast, Saturation, Sharpness.

※ **Brightness:** To adjust the image's brightness.

※ **Contrast:** To adjust the brightest and darkest ratio of the image, please note the sense of picture when adjust, proportion too large or small, will make the picture lose the color of showy.

※ **Saturation:** To adjust color concentration.

※ **Sharpness:** Also called “Resolution”, an indicator for the Image plane definition and image edge sharpness. If Sharpness is higher, then the details contrast on the image is more higher, the image is more clearly.

※ **Color Temp. :** 6500, 9300, User

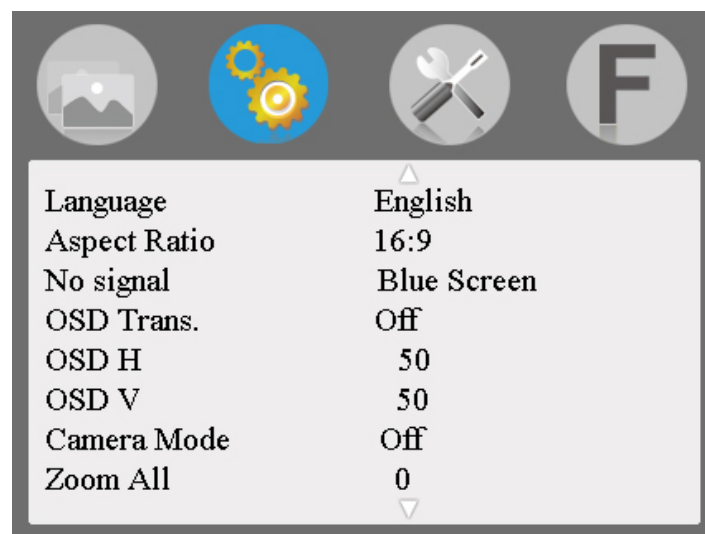
When select “**user**”, adjust the R/G/B to meet the different user's requirement on the different Color Temp.

※ **Tint:** On NTSC video mode, the image color tint difference is adjusted by tint.



Setting (including 2 pages menu)

●Menu of Page One



※ **Language:** language for OSD:

English, 中文, Español, Português,
Français, Nederlands, Deutsch, 日本語

※ **Aspect Ratio:** To change the display to Panorama, Auto, Just Scan, Zoom 1, Zoom 2, 16:9, 4:3.

※ **No Signal:** Color options of screen background when no signal: Black Screen, White Screen, Red Screen, Green Screen, Blue Screen.

※ **OSD Trans. :** To adjust the level of transparent

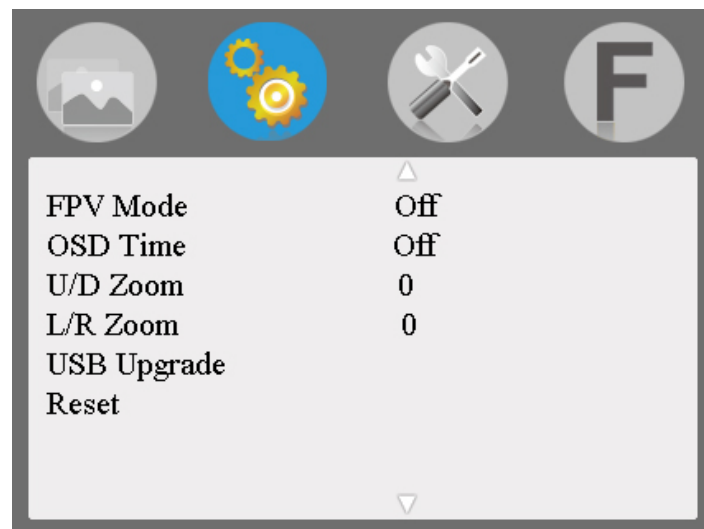
※ **OSD H:** To adjust the OSD position in Horizontal.

※ **OSD V:** To adjust the OSD position in Vertical.

※ **Camera Mode:** The monitor video has real-time images.
NO black screen, NO delay, perfect without distortion.

※ **Zoom All:** Press“<” or“>”button, to adjust the image to
Zoom In or Zoom Out.

●Menu of Page Two



※**FPV Mode :** When use as FPV monitor, open the mode,
the monitor exits no signal blue screen function.

※ **OSD Time:** To adjust the clock.

※ **U/D Zoom:** Press“<” or“>”button, to adjust the
proportion of the image up and down to Zoom in or
Zoom out.

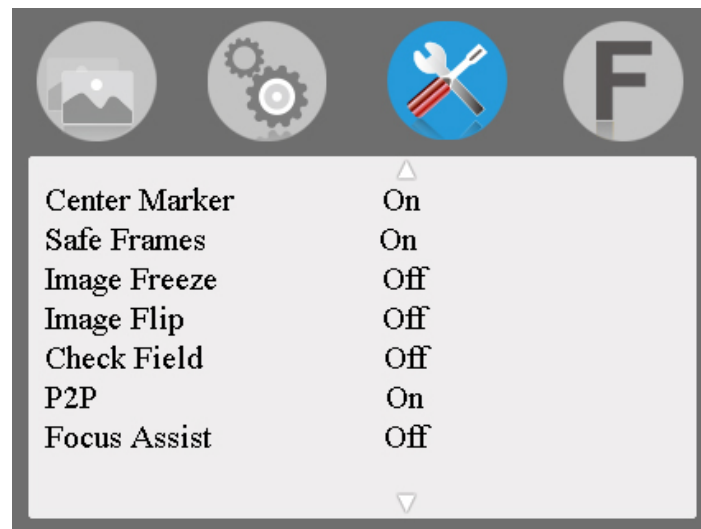
※ **L/R Zoom:** Press“<” or“>”button, to adjust the proportion of the image Left and right to Zoom in or Zoom out.

※ **USB Upgrade:** When the need for the native data application software upgrade, copy the file to the U disk, again through the USB cable to connect with upgrade USB port, press ">" key to confirm. After the upgrade, monitor will automatically restart. Do NOT plug a USB cable into this connector without first calling factory.

※ **Reset:** Press“>”button, back to original setting.



Function



※ **Center Marker:** To set center mark (cross mark) display

※ **Safe Frames:** To adjust screen marker(off, 96%, 93%, 90%, 85%, 80%, 2.35:1)

※ **Image Freeze:** the current picture still (capture function)

※ **Image Flip:** The H_V Flip, H Flip, V Flip of the image around flip

※ **Check Field:** To switch among Off, Mono, Red, Green, Blue.

※ **P2P:** The display mode that made the resolution of the image consistent with display of the physical resolution.

※ **Focus Assist:** Under HDMI input, open this function, red highlight over parts of the monochrome image in focus.



Shortcut Button Setting



※ **F1:** Optional F1, then press “>”button, can select (Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P, Image Freeze, Camera Mode), use “**▼/F1**” or “**▲/F2**”button to select one of optional as definition function. Press “MENU” button to confirm and exit or press “MENU” again return to setting。

※ **F2:** Custom button, see F1

※ **F3:** Custom button, see F1

※ **F4:** Custom button, see F1

3. Technical Parameters

Panel Size	7.0 inch
Panel Type	IPS LCD
Resolution	1280×800 pixels
Backlight	LED
Dot Pitch	0.11775(W) x 0.11775 (H) mm
Aspect Ratio	16:10
Brightness	400cd/ m ²
Contrast Ratio	800:1
Response Time	25ms
Viewing Angle	89°/89°(L/R) 89°/89°(U/D)
Input Signal	HDMI/ AV
Video Color System	PAL-4.43 / NTSC-3.58
HDMI Support Format	480i /480p /576i /576p 720p (60/59.94/50/30/29/25/24/23.98) 1080i (60/59.94/50) 1080p (60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)
Headphone Output	stereo 3.5mm
Input Voltage	DC 6.5~35V
Power Consumption	≦5W
Unit Size (mm)	176(L)x130(H)x17(D) mm
Unit Weight	300g
Installation Method	1/4 inch bracket screw holes, can be easily connected to the hot shoe mount, tripod fixed installation
Working Temperature	- 20 ~ 50℃
Storage Temperature	- 30 ~ 60℃

4. Trouble Shooting

4.1 Only black and white or monochrome picture

- ① Please check saturation, brightness & contrast adjustment.
- ② Please check monitor "color" from the menu "monochrome" is in black and white or monochrome image or other condition.

4.2 NO Image after put on the power

- ① Check signal cable contact are in good condition, a monitor is synchronized with the input signal, and can press the "MODE" give it a try.
- ② Check signal cable connecting, and make sure use the standard adapter connect the monitor. If power supply by battery, please check the battery whether fully charged.

4.3 No sound

- ① Volume control did not open, can press the volume button, and try increasing the volume.
- ② Check the AUDIO input and ensure there have AUDIO signal

■Remark: If there are still other problems, please contact with our related deals.

★If there are changes without prior notice.