Product description:

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 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 VIDEO/AUDIO /HDMI 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 Camera Mode, Center Marker, Safe Frames, Image Freeze, Image Flip, Check Field, P2P, Focus Assist etc.

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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 View:

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: DC power input interface, pole of the power should match the image.
7. Battery Plate 
8. Built-in Speaker

1.3 VIEDO Matched Cable (option)

The input of the VIEDO 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

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, ④ to 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.

2. operation instruction

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 VIDEO, 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
- Signal Switch Button
- 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 for down adjustment. It can be custom button when not in OSD. See F4.
"↓/F2" Multi button. In OSD Menu 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.

Battery Plates in different model as below:

F970 LP-E6 D28

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
- D28 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 D28

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.
2.2 Menu instructions

- Image color (including 2 page 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 page menu)

- Menu of Page one

* Language: language for OSD:
  English, 中文, Español, Português, Français, Nederlands, Deutsch, 日本語

- 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.

* UD Zoom: Press "<" or ">" button, to adjust the proportion of the image up and down to Zoom in or Zoom out.

- 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
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.

3. Technical parameters

<table>
<thead>
<tr>
<th>Panel Size</th>
<th>IPS LCD 7.0 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Type</td>
<td>IPS LCD</td>
</tr>
<tr>
<td>Resolution</td>
<td>1280x800+RGB = 3072000 Pixels</td>
</tr>
<tr>
<td>Backlight</td>
<td>LED</td>
</tr>
<tr>
<td>Dot Pitch</td>
<td>0.11775(W) x 0.11775 (H)</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:10</td>
</tr>
<tr>
<td>Brightness</td>
<td>400cd/m²</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>800:1</td>
</tr>
<tr>
<td>Response Time</td>
<td>25ms</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>89°/89°(LR) 89°/89°(UD)</td>
</tr>
<tr>
<td>Input Signal</td>
<td>Video / Audio / HDMI</td>
</tr>
<tr>
<td>Video Color System</td>
<td>PAL-4.43 / NTSC-3.58</td>
</tr>
<tr>
<td>HDMI Support Format</td>
<td>480i / 480p / 576i / 576p</td>
</tr>
<tr>
<td></td>
<td>720p (60/59.94/50/30/29.97/25 / 24/24fps / 23.98/23.98fps)</td>
</tr>
<tr>
<td></td>
<td>1080p (60/59.94/50 )</td>
</tr>
<tr>
<td></td>
<td>1080p(60/59.94/50/30/29.97/25 / 24/24fps/ 23.98/23.98fps)</td>
</tr>
<tr>
<td>Headphone</td>
<td>stereo 3.5mm</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>DC:7.4~35V</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>≈5W</td>
</tr>
<tr>
<td>Unit Size (mm)</td>
<td>176(L)x130(H)x17(D)mm</td>
</tr>
<tr>
<td>Unit Weight</td>
<td>400g</td>
</tr>
<tr>
<td>Installation Method</td>
<td>1/4 inch bracket screw holes, can be easily connected to the hot shoe mount, tripod fixed installation</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>- 20 ~ 50℃</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>- 30 ~ 60℃</td>
</tr>
</tbody>
</table>