# On-camera field HD LCD Monitor

# User Manual

Dear users:

Thank you for purchasing our On-Camera Field HD LCD Monitor Kit. It employs advanced integrate circuits and high quality TFT LCD modules, low comsumption, steady function, and low radiation emission. This monitor designed small-sized, easily operated and safety, with HDMI, VGA, Video and Audio Inputs, this monitor can be easily be installed on Digital Camera DSLR or HDV, the best partner for photography.

## Key Features:

◆ **Peaking focus assist function.** When press this function button, The object in the image edges appear white crochet, adjustment of television equipment focus, view the hook side to reach focus assist effect, convenient to realize high-definition focusing for photographer.

◆ **5D Mark II camera model function**

◆ **Image black & white, color switch. Red,Green,Blue(RGB)Monochrome display**

◆ **Screen Marker（80%,85%,90%,93%,96%）**

◆ **Center Marker**

◆ **Image flip U/D，L/R**

◆ **Image switch mode 16:9 or 4:3**

◆ **Brightness, contrast ratio, tint, saturation and color temperature adjust**

◆ **Supported different type batteries (Sony F970, CanonE6, Panasonic D28S)**

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

# Contents

# 1. Product description

## 1.a. Front view



1. **Infrared receiving window**

2. **Indicator light:** Red light is power on/standby state, green light is in working state

3. **Power：** Power on/off button

4. **MODE：** Signal source switch button, cycle switch **HDMI, VGA, Video** 1, **Video 2** model

5. ∧/☼ : Item selection button or single press can realize on/off peaking focus assist mode

6. ∨/◑ : Item selection button or NO menu state single press to realize image monochrome switch(Red,Green,Blue,Black & White and Color), under overscan state long press this button to realize underscan function, to make sure that the signal in the 1080i image without distortion.

7. **MENU** button, active panel display menu or long press to direct on/off 5D II model

8. ＞: Volume up or switch screen marker or menu setting, increase

function value setting

**9.** <: Volume down or switch screen marker or menu setting, decrease function value setting

**10**. Panel

## 1.b.  Rear view and side view





**1.**  DC power input

**2**．HDMI HD signal input interface

**3**．VGA signal input interface

**4**．Battery plate

**5**．AV signal input interface

**6**．Battery plate power output jack

## 2．Power input way

Please use the adapter attached in the accessories. If necessary to use other specifications adapter, please note to provide the qualified adapter which power supply should be not less than 10W (DC6V-24V)

**2.a.** This product package comes with a 12V/1.2A DC Power adapter which can be directly inserted to the DC power input.

**2.b.** other option of power source is using DV batteries. The product back case including DV battery adapter/plate are available for Sony F970 Series and Sony QM91D Battery. The monitor NO charge circuit design, if necessary charge please remove to charge by charger.

**2.c.** Battery plate



**battery plate**

In the rear of the monitor with a battery plate, can be equipped with corresponding to the battery, power to monitor. Battery plates with different

types, customers can select for their needs.

## 2.d. Different types battery plates as below:



**F970**        **LP-E6**        **D28**

**Sony F970 battery slot for battery of Sony DV:**

Sony F970 F960 F950 T930 F770 T750 F730 F570 F550 F530 QM91D
OM91 QM90D QM90 QM71D QM71 QM70D QM70 QM51D QM51 FM71
FM70 serials

**Canon LP-E6 battery slot for battery of Canon DV:**

Canon LP-06

**Panasonic D28 battery slot for battery of Panasonic DV:**

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


**Picture: Three types of batteries corresponding to the upper three slots**



**F970**        **LP-E6**        **D28**

**Remark:** Different specifications of the batteries, capability is different. The
working time for the monitor will be different. Higher capability (working time)
will be longer.

**2.e. Battery install way**



Battery(Optional)

Monitor

**Suggestion: Better remove the battery for long-term NO use this product.**

Different specifications of the batteries, capability is different. The working time for the monitor will be different. Higher capability (working time) will be longer.

> **CAUTION**
> **RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.**
> **DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS**

**Without design charging circuit for the monitor, please remove the battery to the battery charger for charge**.

## 3. Operation instruction

Access to the corresponding signal and power supply.The machine is in a standby state (red indicator light). At this time press the **"POWER"** button, if is in the working state, then repress **"POWER"** button, the machine returns to standby state. In the working state, press the **"MODE"** button on the monitor, used in switching between **HDMI, VGA, VIDEO** signals

## 3.a. No menu display state:

Click "∧/✿" to direct on/off peaking focus assist mode

Click "∨/◐" to realize image monochrome switch(Red,Green,Blue,Black & White and Color), under overscan state long press the button to realize underscan function, to make sure that the signal in the 1080i image without distortion.

Long press "**MENU**" button(about 3-4 seconds), black screen showed on the image. Release, later machine is transferred to the 5D Ⅱ camera mode, exit the 5D Ⅱ camera mode, follow this operation.

Click "＞",enter viewfinder（80%,85%,90%,93%,96% ）selection

The volume adjustment, click on the "＞" key to confirm, can adopt "＜" or "＞" key to the volume adjustment, to stop the adjustment, after a period of time, Volume adjustment indication frame on the screen will disappear automatically

## 3.b. Press "MENU" button on the unit, then enter into OSD menu operation.

Operate "∧/✿ "or" ∨/◐ "on the unit to select submenu. ◐ (color); 🖼 (menu); 🖾 (function); 🔊 (sound); press "＜" or "＞" to confirm adjustment or submenu, then use "＜"or"＞"to confirm, then use "＜"or"＞" to adjust or comfirm the adjustment values. If need to exit OSD menu, repress "MENU" button.

## 3.b.1. ◖◗ （**Color**）
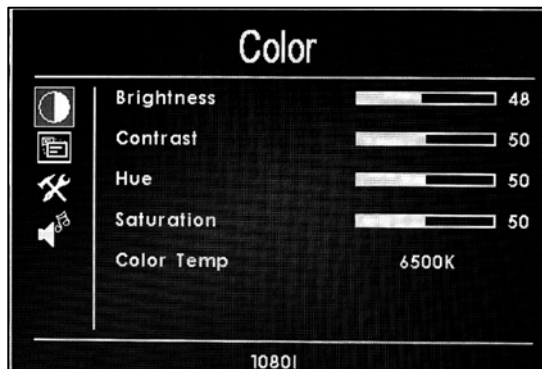


Enter into "**Color**" OSD, press "< "or ">"button to confirm, then enter to adjust the color parameters, use ""∧/ ☼ "or" ∨/◑ "to select adjustment item, then use"< "or">" adjust the parameters.
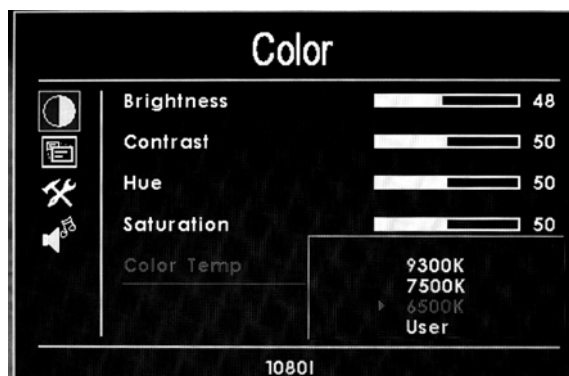


※ **Brightness**: To adjust the image's brightness.

※ **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.

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

※ **Saturation**: To adjust color concentration

※ **Color temperature**: Enter into ◖◗(color)menu, press "<"or">"on the unit to confirm, press "∧/ ☼ "or" ∨/◑ " to select the form of color temperature, then press " <"or">" on the unit to confirm, then use

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"∧/☼"or" ∨/◐ " to select color temperature such as: 9300 K, 7500K, 6500K or USER.
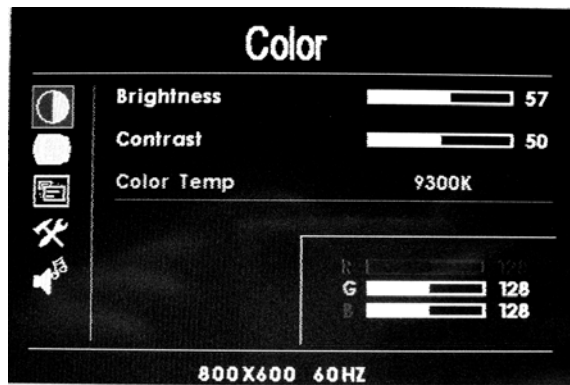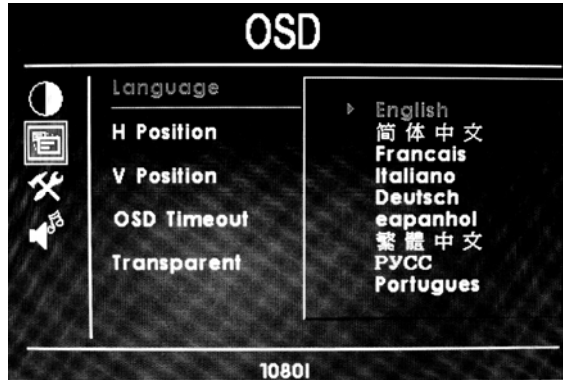


When select "USER", use "∧/☼"or" ∨/◐ " to select color R、G、B, then use "< "or">" to adjust the value of Analog Data, to make sure the color of picture meets need.

### 3.b.2. 🖼 （OSD）
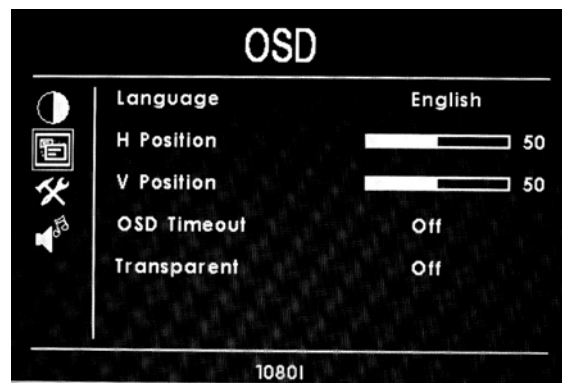


After select "OSD" function, press "< "or">" button to confirm, then enter into parameters adjust. Using "∧/☼"or" ∨/◐ " button to select optional items, then using "< "or">" button to adjust the parameters.

※ Language： Languages for OSD as below:

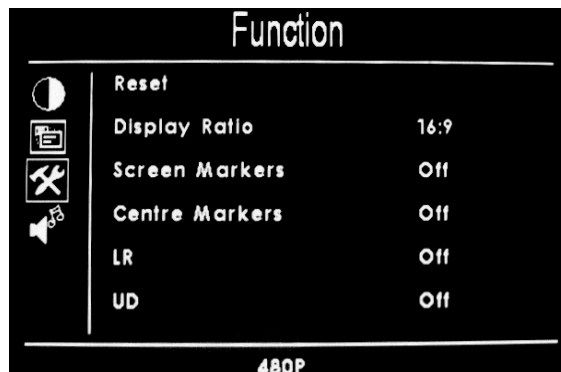| | | | |
|---|---|---|---|
| **English** | 简体中文 | **Italians** | **Francois** |
| **Deutsch** | **Español** | 繁体中文 | **Japanese** |
| **Korean** | **Pycc** | | |

※ H Position：To adjust the OSD position in horizontal.

※ V Position：To adjust the OSD position in vertical.

※ OSD Timeout：To adjust the clock.

※ Transparent：To adjust the level of transparent.

## 3.b.3. （Function）



After select "function", press "<　"or"＞" button to confirm, then enter into parameters adjust. Using" ∧/✿ "or" ∨/◑ " button to select adjustable items, then using "＜ "or"＞" button to adjust the parameters.

※ Reset：Back to original setting.

※ Display Ratio：To change the display ratio 16:9/4:3.

※ Screen Marker:（80%, 85%, 90%, 93%, 95%）

※ Center Marker

※ Flip L/R

※ Flip U/D


### 3.b.4. （**Sound**）
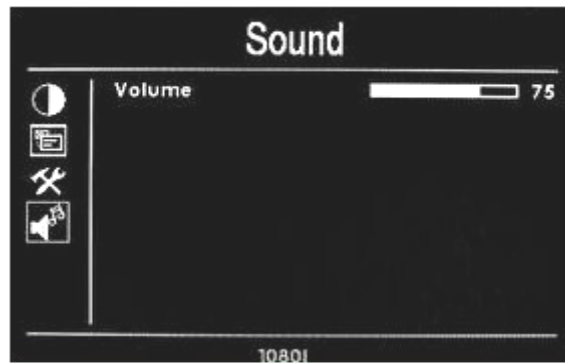


※ Volume: To adjust the volume.

## 4.  Parameters

| | |
|---|---|
| LCD panel | TFT LCD 7.0inch   1152000 Pixels |
| Resolution | 800×480 |
| Resolution up to | 1920×1440 |
| Brightness | 300 cd/㎡ |
| Contrast ratio | 500:1 |
| Viewing angle | 70°/70（L/R）,50°/60° (U/D) |
| Video signal input range | 0.7～1.4Vp-p/75Ω |
| Supported input frequency | H:30～60kHz      V:50～75Hz |
| HDMI supported formats | 480i, 480p, 576i, 576p, 720p, 1080/ 50i/ 60i/ 50p/ 60p； |
| Speaker output consumption | ≥1W/8Ω |
| Video color system | PAL-4.43; NTSC-3.58 |
| Backlight | LED |
| Signal input channel | HDMI, VGA, VIDEO1, VIDEO2, AUDIO |
| Input power voltage range | DC6V-24V |
| Power consumption | ≤8 W |
| Standby current | ≤50 mA |
| Working temperature | －20～55℃ |
| Storage temperature | －30～65℃ |
| Dimensions | 188.4mm X 131mm X 40mm |

## 5. Accessories

### 5.a、Standard

| | |
|---|---|
| Power adapter DC 12V | 1pc |
| HDMI cable (HDMI to mini HDMI) | 1pc |
| Sun shade | 1pc |
| User manual | 1pc |

| HDMI Cable | Power adapter | Sun shade | User manual |
|------------|---------------|-----------|-------------|

5. b、**Optional**

| Hot shoe moun | AV cable | Battery | Battery plate |
|---------------|----------|---------|---------------|
| (optional) | (optional) | (optional) | (optional) |

## 6.Trouble shootings

**6.a.** Only black and white picture.

Please check saturation、brightness & contrast adjustment.

**6.b.** NO picture after put on the power.

Check signal cable connecting, make sure use the standard adapter connect the monitor.

**6.c.** The image color distortion or abnormal, eg. lack some color.

Please check signal cable connect correctly or not. The cable damage or loose will cause poor transfer, then above malfunction will happen.

**6.d.** If there exists an abnormal phenomenon, please try to enter into OSD menu select "reset" to reset.

**6.e.** No boot:

Check whether normal power connect or the battery is over used,


## ■ Remark:

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

* If there are changes without prior notice.