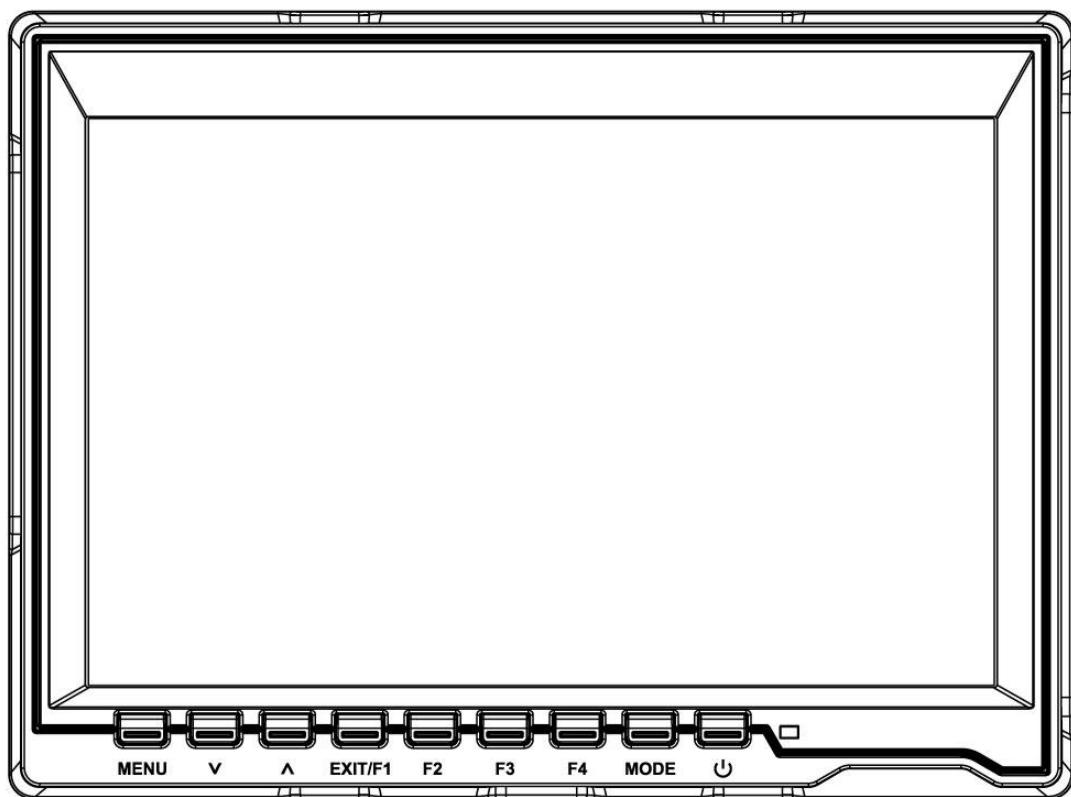


7" 4K HDMI On-Camera Monitor



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. It's with HDMI, AV inputs, which make it wide application, casing compact, simple operation, and portable convenient. Advanced features include Peaking Focus, Screen Marker, 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

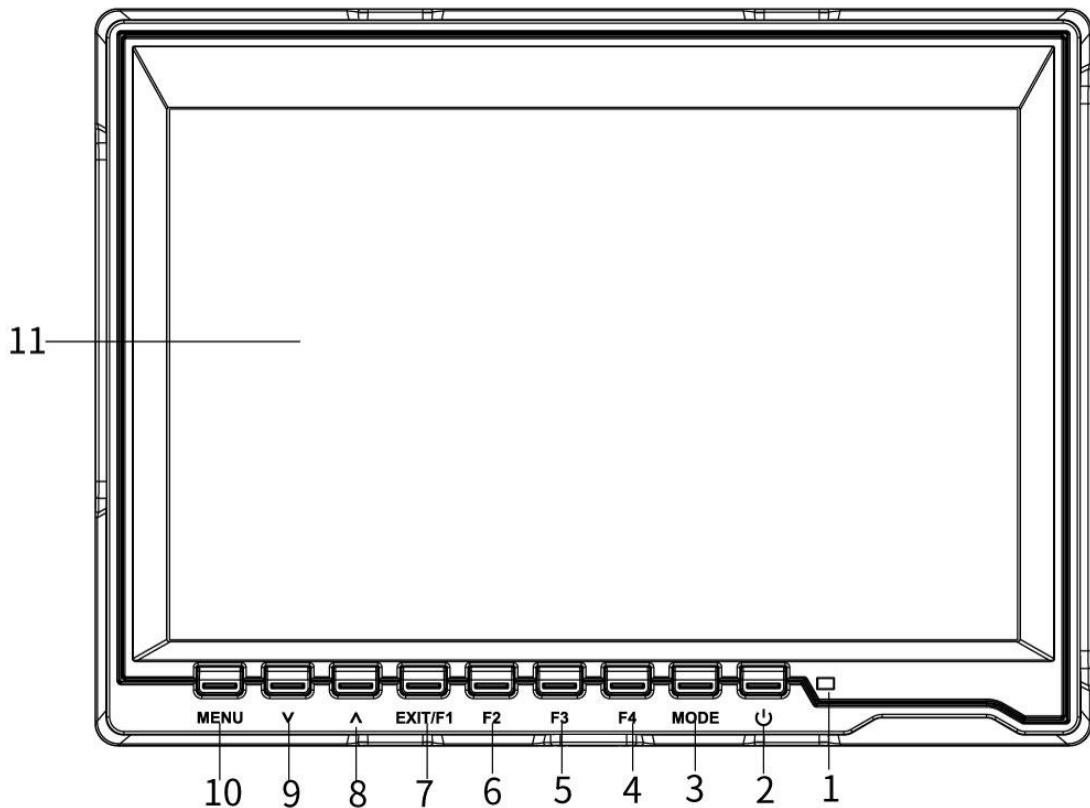
- High brightness, contrast, high resolution with sun shade, visible under the sunshine
- Built-in 4K HDMI/ AV inputs, enable for a various of signal
- External remote control, to control the functions of the monitor in distance.
- 4 F Buttons can be self-defined for different function
- Support a variety of different types of battery brands
(F970, LP-E6, D28S, U60)
- Contain Focus Assist , Anamorphic, Nine Grid, Center Marker, Histogram, Image Freeze, Image Flip, Embedded Audio, etc.
- 3.5mm headphone jack, built-in speaker
- Portable sun-hood, perfect for outdoor shooting

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1. Product Description

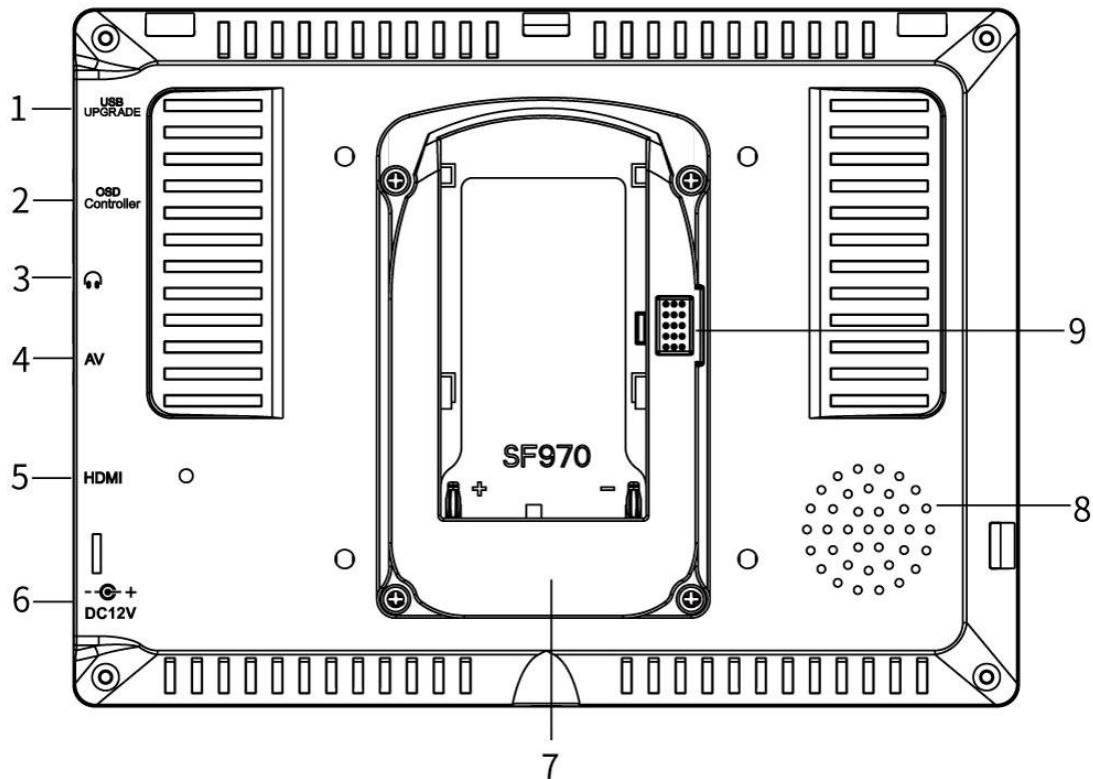
1.1 Front Panel Features



1. Power Indicator light: when power on/standby, it turns red; when signal in, it turns green!
2.  : Power on/off
3. **MODE**: Signal Switch Button
4. **F4**: Custom button, enter the menu - **User Options - Shortcut Key**, then self-define the function that user need
5. **F3**: Custom button, same as F4 operation
6. **F2**: Custom button, same as F4 operation
7. **EXIT/F1**: Menu return/exit; Custom button, same as F4 operation

8. **▲**: Volume increasing when OSD menu is not displayed;
Menu/function/parameters selection or adjustment
when OSD menu is displayed
9. **▼**: Volume decreasing when OSD menu is not displayed;
Menu/function/parameters selection or adjustment
when OSD menu is displayed
10. **MENU**: Main menu/Confirm
11. LCD Display

1.2 Rear Panel Features

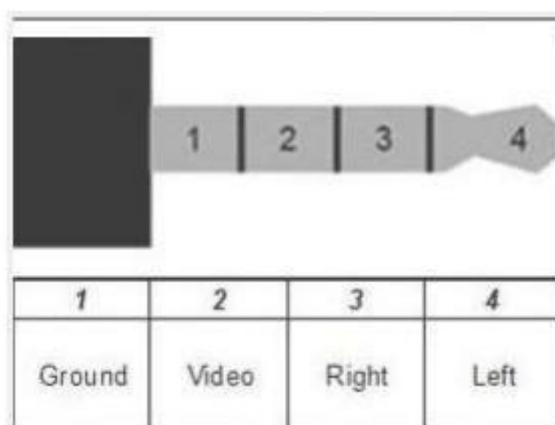


1. USB Upgrade Port

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.  DC12v : DC power input interface, pole of the power should match the image.
7. Battery Plate
8. Built-in Speaker
9. Battery release button

1.3 Plug Configuration of AV Cable Instruction

The AV signal port of the monitor need to use 3.5mm four-section plug, please make sure the plug configuration is same as below diagram when purchasing the AV cable.



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, 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, you 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. Default to install NP-F battery plate.

Battery Plates in different model as below:



NP-F



LP-E6



D28S



U60

•Sony F970 battery plate for battery of Sony DV:

Sony F970 F960 F950 F930 F770 F750 F730 F570 F550 F530 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

•U60 battery plate for battery of Sony DV:

SONY BP-U30/U60/U90, domestic U62/U65/U66/U95/U98 series.

•Four types of batteries corresponding to the upper battery plates.



F970



LP-E6



D28S



U60

Remark: It is recommended to use standard original batteries.

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. Menu Operation Instruction

After correctly connect to the power supply (red indicator), the monitor default to turn on automatically, the indicator turns Yellow,

and then input HDMI signal, the indicator will turn Green from Yellow.

You can also set the power to Manually in menu System--Power setting. After setting, you need to long press  to turn on the monitor when plug the power supply.

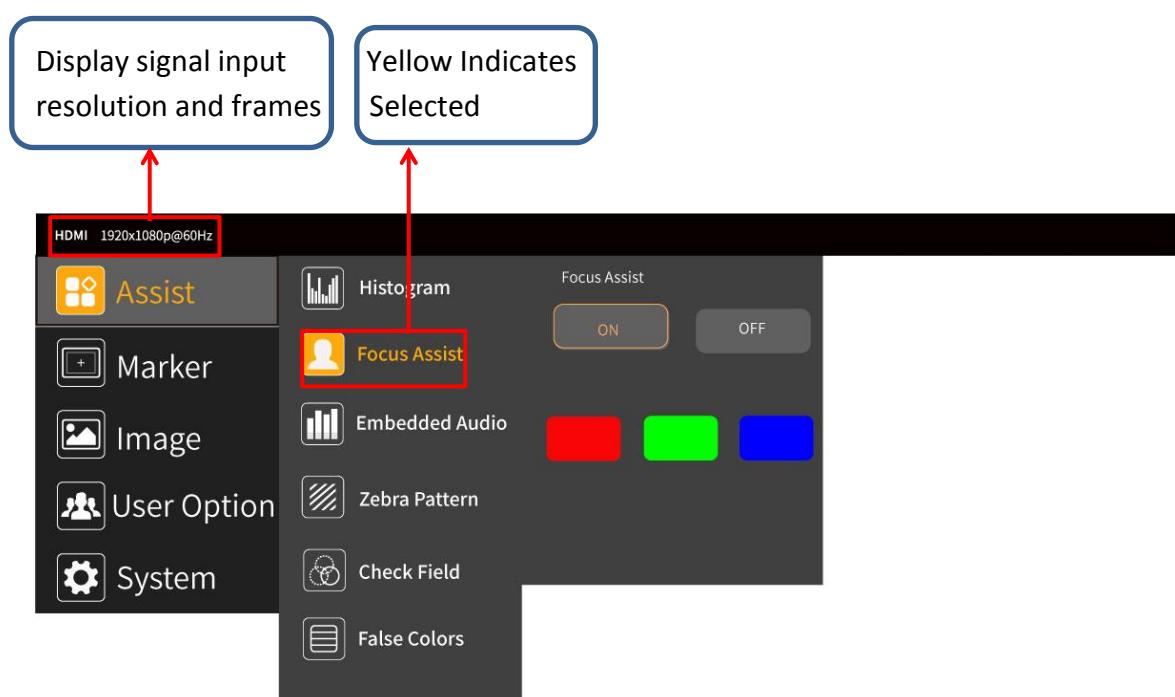
2.1 Press “**MENU**” button to enter OSD main menu, press “**∨**” or “**∧**”button to select.

2.2. Press “**MENU**” button to enter secondary menu, then press “**∨**”or “**∧**”button to select items, after selected press **MENU** button to confirm and enter function menu, press “**∨**”or “**∧**”button to select the corresponding function or adjust the parameters, press **MENU** to confirm finally.

2.3. Press **EXIT/F1** button to return / exit the menu

3. Menu Function Instruction

Menu Interface





Assist

 Histogram	On, Off <p>Histogram: A quantitative tool to check the picture brightness, display different color for different brightness.</p>
 Focus Assist	Focus Assist: On, Off Focus Color : (Red, Green, Blue) <p>It highlights the areas that are in focus so you are able to quickly focus the camera and not miss crucial shots.</p>
 Embedded Audio	On, Off <p>The Audio Level Meters provide numerical indicators and headroom levels.</p>
 Zebra Pattern	On, Off Threshold Value : you can adjust the zebra level after turning on (10~100) <p>Areas of the image over a certain threshold are filled with a striped pattern to dramatically highlight areas where too much light is falling on the image sensor.</p>
 Check Field	On, Off Mode : Red, Green, Blue, Gray <p>When enabled, hue and saturation adjusted quickly and accurately</p>
 False Color	On, Off <p>An image that depicts an object in colors that differ from those a photograph (a true color image) would show.</p>



Marker

 On, Off

Grid	Mode: 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8, 9x9, Custom Rows: 2~9 Columns: 2~9 When selecting Custom , you can custom the rows and columns of the grid Color: Red, Green, Blue, Black, White, Gray The area of the picture can be divided into 4, 9, 16, 25, 36, 49, 64, 81 equal grids.
 Safe Frames	On, Off Mode: 80%, 85%, 90%, 93%, 96%, 2.35:1, 9:16 Color: Red, Green, Blue, Black, White, Gray
 Center Marker	On, Off Color : Red, Green, Blue, Black, White, Gray
 Ratio Marker	On, Off Mode: 4:3, 13:9, 14:9, 15:9, 16:9, 1.85:1, 2.35:1, 9:16 Color: Red, Green, Blue, Black, White, Gray Modified Mark : 0~5



Image

 Scan Mode	Under Scan, Over Scan
 Aspect Ratio	Auto, 16:9, 16:10, 4:3, 5:4, 1.85:1, 2.35:1, Full Screen Provides a wide variety of aspect ratio to match different camera anamorphic lenses.

 Anamorphic	<p>On, Off</p> <p>Mode: 1.33X, 1.6X, 2.0X, 2.0X MAG, User</p> <p>Under the User, can be customized (1.20X~2.00X)</p> <p>Allows you to use anamorphic lenses or adapters and see the image unsqueezed, even if your camera does not de-squeeze in camera.</p>
 Image Flip	<p>On, Off</p> <p>Mode: H Flip, V Flip, H_V Flip</p>
 Zoom Mode	<p>On, Off</p> <p>Mode: 2X, 4X, 9X, 16X, User</p> <p>Under the User, can be customized (100%~200%)</p> <p>It is HD signal in any part, an amplification for high quality close-up.</p>
 Image Freeze	<p>On, Off</p>
 P2P	<p>On, Off</p> <p>Enable the filmmaker to check the image from the 1:1 signal source without scaling. This feature is essential for capturing optimum detail.</p>
 Scan Mode	<p>Under Scan, Over Scan</p>



User Option

	<p>Backlight: 0~100</p> <p>Adjust the screen brightness</p>
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Display Adjustment	<p>Brightness: 0~100 Adjust the image brightness</p> <p>Contrast: 0~100 Adjustment of the ratio between the brightest and darkest parts of the image . When adjusting, pay attention to the sense of hierarchy in the image. If the proportion is too large or too small, it can cause the image to lose its colorful appearance.</p> <p>Saturation: 0~100 Adjustment of color concentration</p> <p>Tint: 0~100</p>
 Color Adjustment	<p>Display Range: Auto, Limit, Full This feature allows for the selection of a grayscale range. The Limited grayscale range is 16-235, and the Full grayscale range is 0-255. (Grayscale represents changes in image brightness, using varying gray levels to depict brightness in different image areas. In grayscale, brightness increases from black to white, typically denoted by a numerical range from 0 to 255, where 0 signifies black and 255 indicates white, and intermediate numbers indicate varying grayscale levels.)</p> <ol style="list-style-type: none"> 1. If the dark part of the picture lost, the details cannot be seen clearly. For example, the input signal is in the range of 0-255, but the monitor is set Auto or Limit, the brightness of 0-15 and 236-255 is removed, resulting the dark part details unclear. You can set to Full. 2. If the picture is gray, the black part turned gray. For example, the input signal is in the range of 16-235, but the monitor is set Full , resulting the black part turn gray. At this time,you can set to Auto or Limit. <p>Color Temp.: 5600K, 6500K, 9300K, User Under the User, the red, green and blue of the image can be</p>

	adjusted (0~255), made the colors of the image achieve your favorite.
Shortcut Key	F Aspect Ratio, Image Flip, Ratio Marker, Histogram, Embedded Audio, Center Marker, Safe Frames, Grids, Safe Frames, Grids, Focus Assist, False Colors, Zebra Pattern, Anamorphic, Image Freeze, Check Field, Zoom Mode



System

User Switch	 User Switch: 1~4 you can save the set menu as 1-4 and can be called directly next time
Language	 English, 简体中文, Español, Português, Français, Nederlands, Deutsch, 日本語, 繁體中文, 한국어로, русский язык , Italiano
OSD Option	 OSD Time: Off, 15Sec, 30Sec, 45Sec Select the display time of the menu on the screen OSD Trans: Off, 25%, 50%, 75% Adjust the transparency of the menu picture background on the screen No Signal: Red, Green, Blue, Black, White, Gray Can be change the background color of screen when no signal
Power Settings	 Power on: Auto, Manual Default to Auto. If set Manual, please press  key to turn on after the power plug in.
	 On, Off 0~100

Volume	Adjusting the speaker volume
 Reset	Select Reset and press MENU button Confirm , the system back to original setting.
 Firmware Update	Firmware Version (display the version number) Firmware Update Confirm

4. Technical Parameters

Panel Size	7.0 inch
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)
	4K UHD 3840×2160p (30/29.97/25/24/23.98)
Headphone Output	4096×2160p (24Hz)
	stereo 3.5mm
Input Voltage	DC 7-24V

Power Consumption	≤8W
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 °C
Storage Temperature	- 30 ~ 60 °C

5. Trouble Shooting

5.1 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.

5.2 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.

5.3 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.