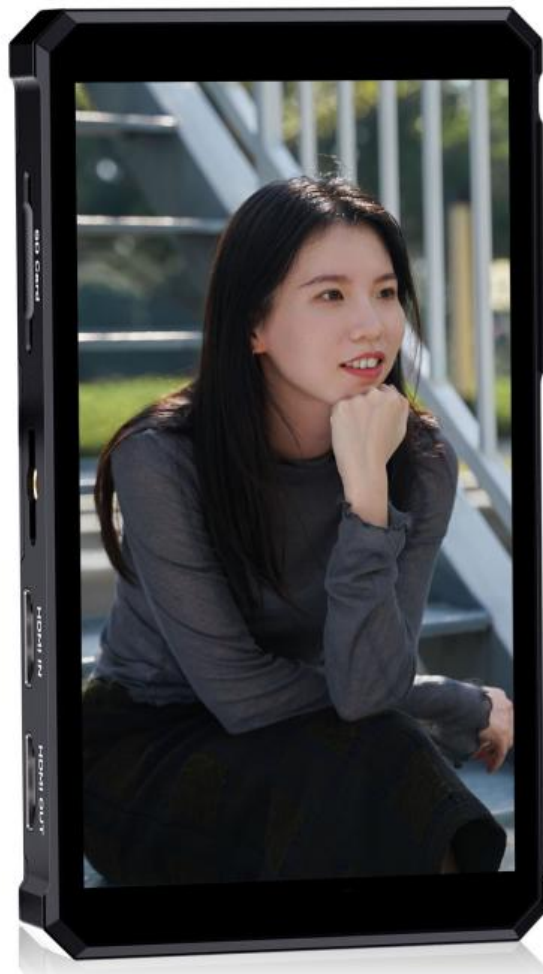


5.5" OLED VERTICAL MONITOR



User Manual

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Foreword

Thank you for purchasing our 5.5-inch OLED vertical monitor. Please read this manual carefully before using the unit. Have a great experience!

Cautions

- Please avoid the heavy impact and drop onto the ground when move the product.
- The screen of this product is made of glass. Please do not drop the screen towards the ground. Keep away from injury if the screen is broken.
- Keep the product away from the heat source, and avoid the prolonged exposures to the sun as the LCD screen will be damaged.
- To avoid damaging the product, please do not take apart or repair the unit by yourself without the adjustable components in the unit.
- In order to better maintain the LCD screen and protect the cover, please follow the following ways to avoid damages.
 1. Please refrain from using the hard objects to hit the screen.
 2. Please do not force to wipe the screen.
 3. Please do not use the chemical solutions to clean the screen.
 4. Please do not spray any detergent on the screen.
 5. Please do not write on the screen directly.
 6. Please do not stick on the screen.
 7. Please simply wipe with a clean soft cloth and make sure no water on the screen.

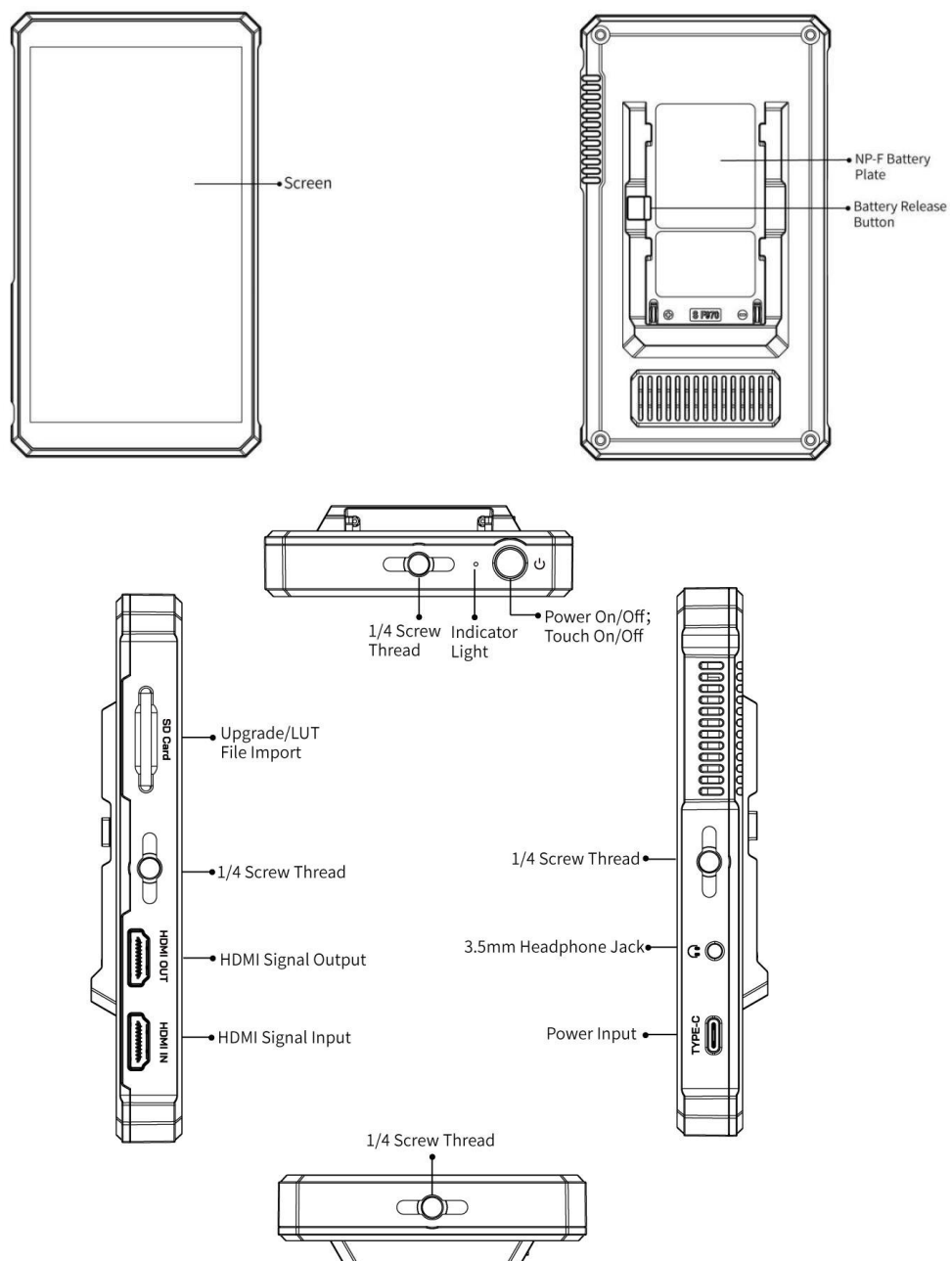
Key Features

- 5.5-inch AMOLED screen, independent light control, ultimate black performance
- DCI-P3 100% color gamut, more accurate color presentation
- 1,000,000:1 ultra-high contrast ratio, bringing you more realistic and

vivid visual experience

- Full touch screen, easy to setup
- Supporting menu vertical and horizontal switching
- Custom 3D-LUT loaded, preview film look
- Stereo Earphone output

Product Overview



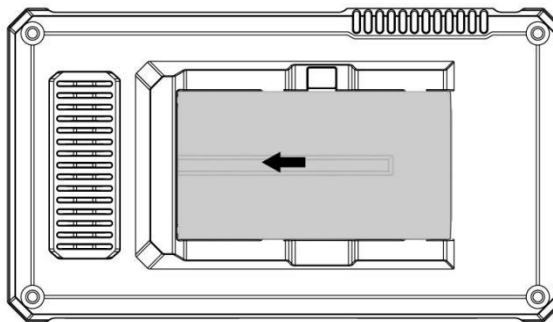
Power Supply Way

- (1) There is a USB-C power port on the right of monitor, you can power with the accompanied power adapter
- (2) The rear cover of the monitor is equipped with a NP-F battery slot, it can be installed the NP-F series battery
 - The battery models including F970 F960 F950 F930 F770 F750 F730 F570 F550 F530 and other specifications.

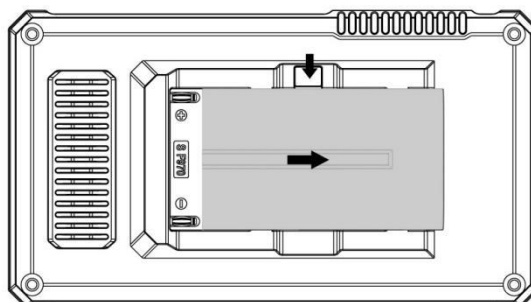
Remark: Please take off the battery from the monitor if you don't use the monitor in a long time.

- **Installation and remove of battery**

1. Insert the battery gently in the direction indicated, then slide it to the left (without releasing). A clicking sound indicates that the battery is securely in place.



2. To remove the battery, press and hold the battery release button while slide the battery to the right, then remove it.



Connection Method and Cautions for Monitor and Camera

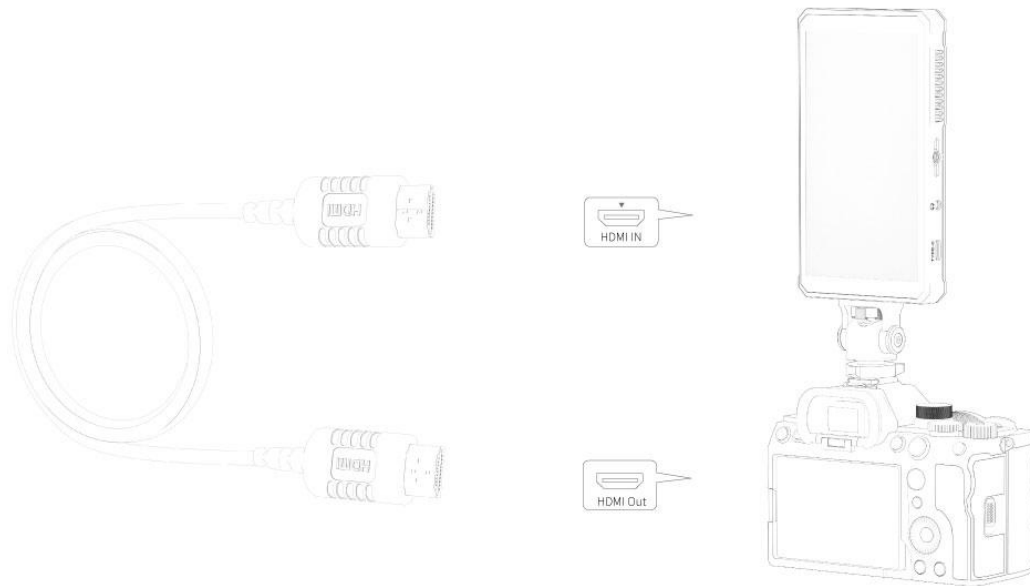
Preparing before connecting

- Ensure that both the camera/camcorder and monitor are turned off
- Check if the HDMI interface and cables are clean and intact
- Prepare anti-static wristbands or discharge by touching metal object first
- Ensure that the workbench is clean and stable

Connection of HDMI cable

1. Using the accompanied HDMI/Micro HDMI cable to connect the HDMI IN of the monitor and the HDMI Out of the camera(please purchase extra HDMI cable if the HDMI cable is not long enough)
2. Fix the wire to avoid hanging or pulling it
3. Turn on the camera first, and then turn on the monitor. The image of camera viewfinder will displayed on the screen of the monitor.

Please set it to Auto or 16:9 if the camera is designed with an HDMI output setting function.
4. When shutting down, first turn off the monitor, wait for it to completely shut down, and then turn off the camera.



Using cautions

- When moving the device, be careful not to trip over the wires, which may cause hot plugging or unplugging
- Regularly check whether the HDMI interface and HDMI cables are worn or blocked by foreign objects
- It is recommended to disconnect when not in use to protect the cables and interfaces

Physical protection measures

- Use HDMI cable fixing clips or brackets
- The wire should have an appropriate margin to avoid being too tight
- Consider using an L-shaped HDMI connector to reduce the pressure on the HDMI interface

-You can use an HDMI adapter to protect the HDMI interface on the camera and avoid damage to the HDMI interface caused by frequent plugging and unplugging

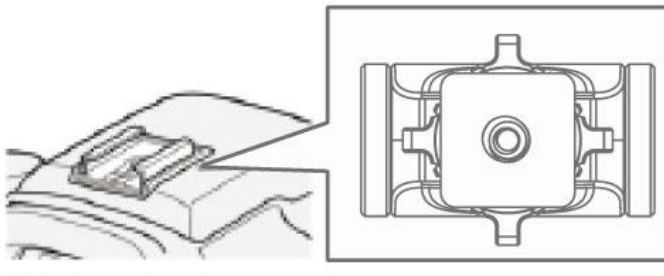
Regular maintenance

- Check if there is dust accumulation on the interface
- Is the equipment voltage stable
- Confirm that the wire is not damaged or bent
- Is the fixing device still securely fastened
- Are all screws securely fastened

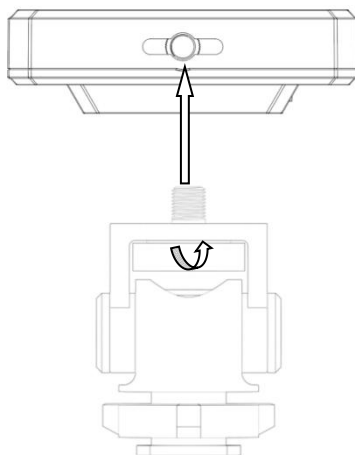
These measures can significantly reduce the risk of equipment damage and extend its service life.

Installation of Mini Hot Shoe Mount Adapter

1. Select the direction in which the adapter is mounted according to the shape of hot shoe on the camera

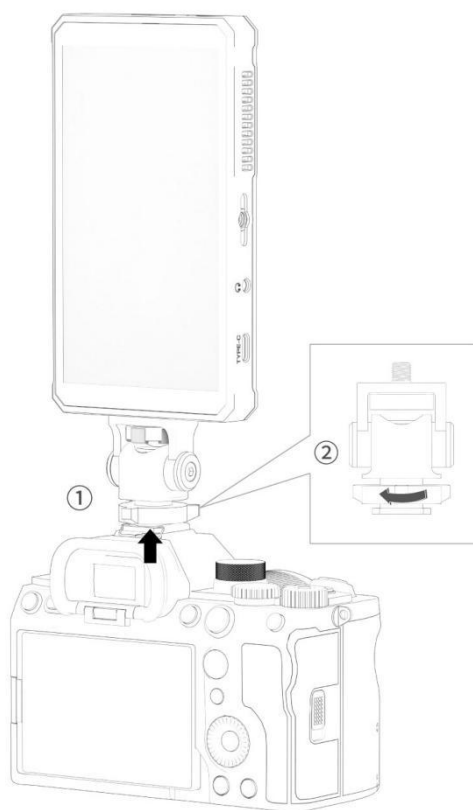


2. Align the 1/4 screw of the adapter with the 1/4 screw hole on the device.
3. Tighten the adjustment knob of the adapter



4. ① Fully insert the base of the adapter into the universal hot shoe base in the direction shown in the figure.


② Tighten the rotary table of the adapter to fix it on the camera




Note: If using a camera with a pop-up built-in flash, please turn off the built-in flash of camera. If the camera is designed with a built-in auto flash function, please turn off this function.

Please remove this device from the camera before using the flash.

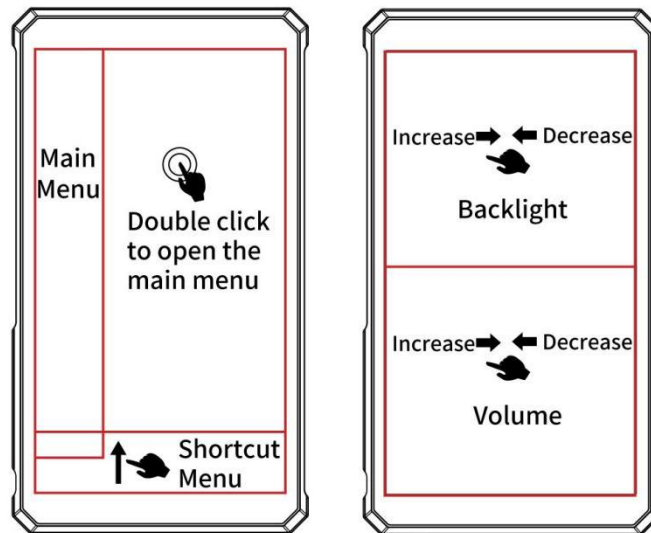
Menu Operation Instruction

After the monitor is correctly connected to the power supply, the indicator light is on (red). Long press  turn on power , the indicator light turns yellow, and after the HDMI signal is input, the indicator light turns green.

After startup, short press  button to select to turn the screen touch function on or off.

Touch Screen Menu Operation (Vertical mode)

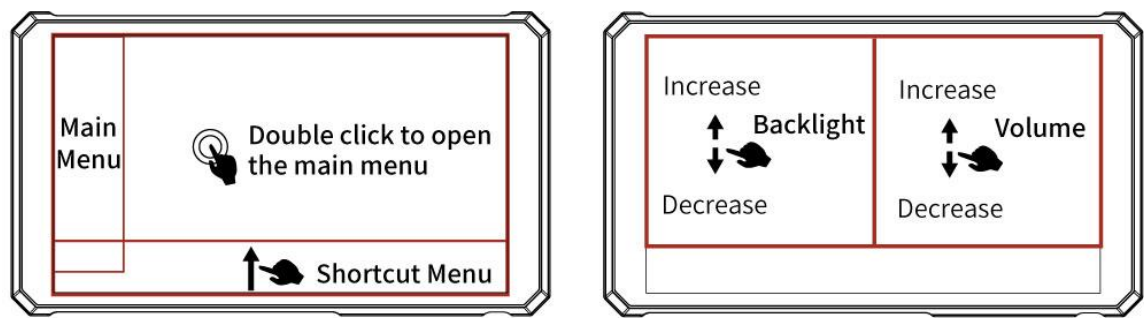
- ①. Double-click on the screen to open the main menu (show on the left side of the screen) and click on the corresponding menu to display the secondary menu. You can enter the corresponding function option and click directly to select or set. Click the touch screen to exit the menu.
- ②. When the menu is not displayed, swipe up from the bottom of the screen to open the shortcut menu, swipe left or right select the needed function and click on the corresponding menu box to turn on or turn off the corresponding function.
- ③. When the menu is not displayed, on the above side of the screen (1/2 split screen), you can directly adjust the brightness of the screen backlight; on the below side of the screen (1/2 split screen), you can directly adjust the volume.



Touch Screen Menu Operation (Horizontal mode)

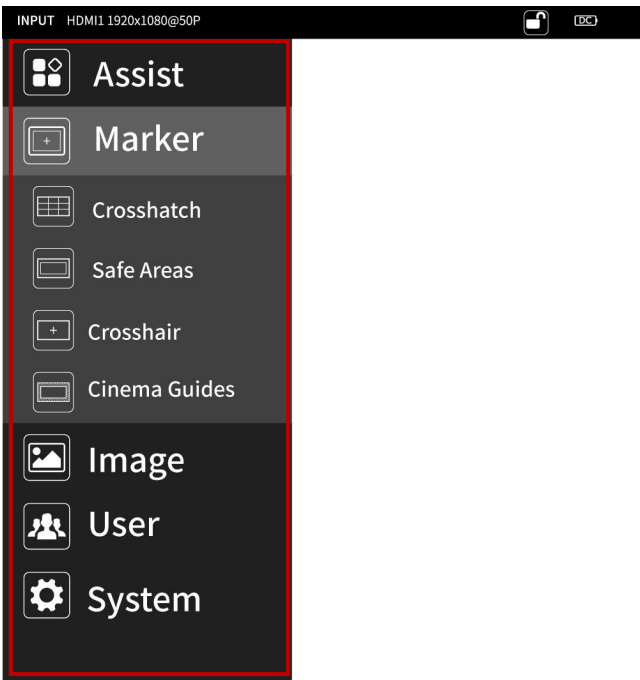
- ①. Double-click on the screen to open the main menu (show on the left side of the screen) and click on the corresponding menu to display the secondary menu. You can enter the corresponding function option and click directly to select or set. Click the touch screen to exit the menu.
- ②. When the menu is not displayed, swipe up from the bottom of the screen to open the shortcut menu, swipe left or right select the needed function and click on the corresponding menu box to turn on or turn off the corresponding function.
- ③. When the menu is not displayed, on the left side of the screen (1/2 split screen), you can directly adjust the brightness of the screen backlight; on the right side of the screen (1/2 split screen), you can directly adjust the volume.

Figure:










Menu Function Instruction



The main menu including 5 parts: Assist, Marker, Image, User, System



Assist





 Analysis	Off, On After turning on, waveform, vector, histogram and embedded audio will be shown.
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 <p>Waveform</p>	<p>Off, On</p> <p>Type : RGB、YUV、 Y</p> <p>This essential feature assists with the calibration of professional video cameras. It shows the overall brightness of the image assisting the video professional in correcting exposure. The waveform feature also checks the evenness of the lighting when lighting a chromakey or background.</p>
 <p>Vectorscope</p>	<p>Off, On</p> <p>shows how saturated the image is and where the pixels in the image land on the color spectrum.</p>
 <p>Histogram</p>	<p>Y Histogram: Off, On</p> <p>RGB Histogram: Off, On</p> <p>Y Histogram: A quantitative tool to check the picture brightness, display different color for different brightness.</p> <p>RGB Histogram:It can display the graphic of color tone distribution, can intuitively display the exposure status of the image, and display overlapping histograms in red, green, and blue channels</p>
 <p>Focus Assist</p>	<p>Off, On</p> <p>Color : (Yellow, Red, Green, Blue, White)</p> <p>Peaking Level :you can adjust the peaking level after turning on(1 ~ 8)</p> <p>It highlights the areas that are in focus so you are able to quickly focus the camera and not miss crucial shots.</p>
 <p>Audio Meters</p>	<p>Off, On</p> <p>The Audio Level Meters provide numerical indicators and headroom levels.</p>
	<p>Off, On</p> <p>Zebra Level : you can adjust the zebra level after turning on (0~100)</p>

Zebra	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.
 Check Field	Off, On Color : Red, Green, Blue, Gray When enabled, hue and saturation adjusted quickly and accurately
 False Color	Off, On Type: Spectrum、 ARRI An image that depicts an object in colors that differ from those a photograph (a true color image) would show.



Marker


 Crosshatch	Off, On Type: 3x3, 4x4, 5x3, 5x5, 6x4, 6x6 Color: Yellow, Magenta, Cyan,Red, Green, Blue, White The area of the picture can be divided into 9, 16, 15, 25, 24, 36, equal grids.
 Safe Areas	Off, On Type: 70%, 80%, 90%, 16:9, 16:10, 4:3, 5:4, 1:1, 1.91:1.1, 4:5, 9:16, 1.85:1 ,2.35:1 Color: Yellow, Magenta, Cyan,Red, Green, Blue, White
 Crosshair	Off, On Color : Yellow, Magenta, Cyan,Red, Green, Blue, White
 	Off, On Type: 16:9、 16:10、 4:3、 1.85:1、 2.35:1、 2.41:1、 1.91:1、

Cinema Guides	5:4、 1:1.9 Color: Yellow, Magenta, Cyan,Red, Green, Blue, White Marker Mat Alpha : 0%~75%
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Image


 Scan Mode	Under Scan, Over Scan
 Aspect Ratio	Off, On Type: Auto, 16:9, 16:10, 4:3, 5:4, 1.85:1, 2.35:1, User Under the “user”, you can customize the Video Width (100% ~ 300%) , Video Height (100% ~ 300%) Provides a wide variety of aspect ratio to match different camera anamorphic lenses.
 Anamorphic	Off, On Type: Auto, 1.25X, 1.33X, 1.5X, 1.6X, 1.8X, 2.0X, 2.0X MAG Allows you to use anamorphic lenses or adapters and see the image unsqueezed, even if your camera does not de-squeeze in camera.
 Video Flip	Off, On
 Zoom Times	Off, On Zoom Times: 100% ~ 500% It is HD signal in any part, an amplification for high quality close-up.
 	Off, On

Image Freeze	
 Pixel to Pixel	Off, On Enable the filmmaker to check the image from the 1:1 signal source without scaling. This feature is essential for capturing optimum detail.







User Option



 LUT Import	Lut Import (SD)
 LUT	Off, On LUT List (display the 4 built-in LUT and the imported custom LUT) SLOG2 SLOG3 LOGC VLOG LUT is a table for quickly looking up and output specific color data. By loading different 3D-LUT tables, it can quickly recombine color tone to form different color styles
 Display Setup	Brightness: 0~100 Adjust the image brightness 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>Saturation: 0~100</p> <p>Adjustment of color concentration</p> <p>Hue: 0~100</p> <p>Sharpness: 0~100</p> <p>Backlight: 0~100</p> <p>Adjust the screen brightness</p>
 <p>Color</p>	<p>Color Space: REC709, DCIP3, BT2020</p> <p>Color Temp.: 5600K, 6500K, 9300K, User</p> <p>Under the User, the red, green and blue of the image can be adjusted (0~255), made the colors of the image achieve your favorite.</p>



System





 <p>Language</p>	<p>English、中文、Français、Deutsch、Italiano、Español、日本語、한국、Русский、Português</p>
 <p>Screen Mode</p>	<p>Auto Rotary: Off, On</p> <p>Screen Mode: Horizontal, Horizontal Mirror, Vertical, Vertical Mirror</p>
 <p>OSD Setup</p>	<p>OSD Time: Always, 5s、 10s、 15s、 20s、 25s</p> <p>Select the display time of the menu on the screen</p> <p>OSD Alpha: Off, Low, Middle, High</p> <p>Adjust the transparency of the menu picture background on the screen</p>
	<p>Off, On</p> <p>0~100</p>

Volume	Adjusting the speaker volume
 Power Display	Off, On The right corner of the monitor will be shown the Power Display icon after turning on
 Firmware Update	Current: (display the version number) Update: Click to firmware update Restore: After clicked "Restore",the system back to original setting.

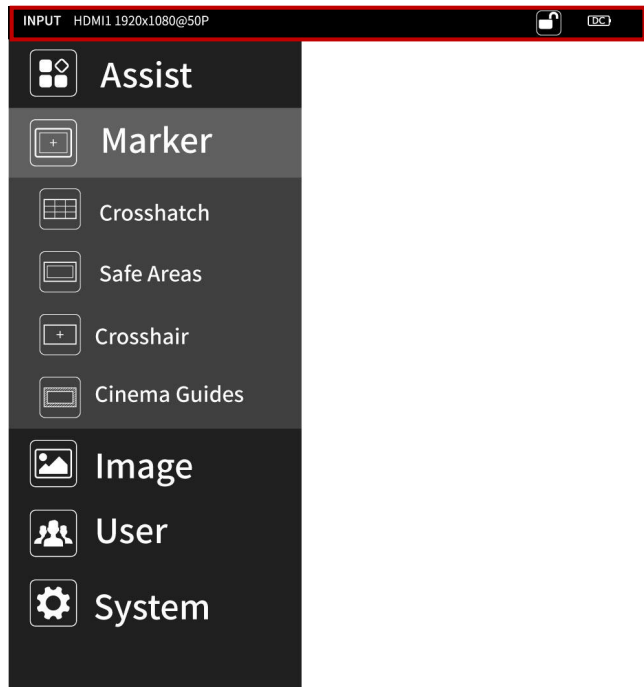
Shortcut Menu Column





The user can call up the shortcut menu by swipe up from the bottom of the screen, and click on the corresponding menu box to open or set the corresponding function.


Click  icon to display the detailed parameters setup,click  the hide icon to close detailed parameters; click ,  to browse more shortcut functions.

Status Column



INPUT: Display the resolution of INPUT resolution,e.g.: INPUT HDMI 1920x1080x50p

/ : Display the status of touch function

: Display the power supply way (you can enter main menu System--Power display to turn on or turn off)

How to Load LUT

1. SD card format

Support FAT32 or NTFS. For MAC system, the SD card should be formatted in MS-DOS (FAT)

2. Max Files Limit Maximum 32 Lut files

3. File requirements

- The LUT file format suffix should be **.cube**
- Single file not exceeded to 7.9Mb
- Support LUT-3D-Size 16,17,32,33,64,65

Remark: LUT file name must be English or Arabic numerals

4. Steps for loading

4.1 Make sure the SD card correctly insert

4.2 Enter main menu **“User Option”--LUT Import--Lut Import (SD)** to load

the monitor will auto detect the SD card

A. There is no SD Card, the screen will show failed,can try once more,if not work, restart the monitor and try again

B. There is SD Card, the monitor will erase the exits user’s lut fill and show “Initializing” , If there is no valid lut file in SD card, the lut will not load.The monitor will show “clean up”

C. If there is valid lut file in SD card, the monitor will load lut files and show “[n] name. The [n] shows the quantity number. The “name” should in lut files’ name. If load successful, the screen will show “complete[n]”. [n] Stands for the quantity number for lut files should under 32.

Firmware Update

We usually do not recommend to upgrade casually.If really need, please connect after-sale or other person to get the relevant upgrade file

1. Use a SD card with FAT32 or NTFS format, for MAC system, the SD card should be formatted in MS-DOS (FAT). Copy the upgrade file to the SD card .
2. Turning on the monitor, insert the SD card to SD card slot of the device (the chip should be faced up when inserting the SD card, and press it after inserting to ensure that the SD card is fully inserted).
3. Enter the menu, select **System--Firmware Update--Update**, click “Update” to start to upgrade.

4. The monitor will shut down automatically when finished, please reboot manually
5. Check whether the latest version

Remark: Please keep the device is powered on in the whole upgrading

Technical Parameters

Panel Size	AMOLED 5.5-inch (touch)
Resolution	1080 x1920 pixels
Dot Pitch	94.8(W) × 63.2(H) um
Aspect Ratio	9:16
Color Display	16.7M (8 bit)
Frame rate	60Hz
Brightness	550cd/m ²
Contrast	1,000,000:1
Backlight	LED
Adjustable Backlight	Yes
Input	HDMI 2.0
Output	HDMI 2.0
Audio	3.5mm stereo headphone jack
Other Interface	SD Card Slot (firmware update/LUT file import)
Power In	USB-C Note: please use 5V/2A or more than 2A Type-C power supply

HDMI Input/ Output Support Format	480i/576i/480p/576p 720p (60/59.94/50/30/29.97/25/24/23.98) 1080i (60/59.94/50) 1080p (60/59.94/50/30/29.97/25/24/23.98) 3840×2160p (60/50/30/29.97/25/24/23.98) 4096×2160p (60/50/30/29.97/25/24/23.98)
Power Consumption	≦ 10W
Unit Size (mm)	144x81x23.9 (mm)
Unit Weight	148g
Mount Points	¼-20 thread points (Left, right, top,bottom)
Working Temperature	-20℃ ~ 60℃
Storage Temperature	-30℃ ~ 70℃

Trouble Shooting

1. Only black and white or monochrome picture:

- ① please check saturation, brightness & contrast adjustment.
- ② Please check "Check Field" is in black, white or monochrome image or other condition.

2 .NO Image after put on the power

- ① Check if signal cable connecting is in good condition.
- ② Check signal cable connecting, and make sure to use the standard adapter to connect the monitor. If power is supplied by battery, please check if the battery is fully charged.

3. Earphone No sound

Check if Volume control do not open, press the volume button, and try to increase the volume.

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

★ As we are improving product features and product performance, so if there is any change on the specification without prior notice.