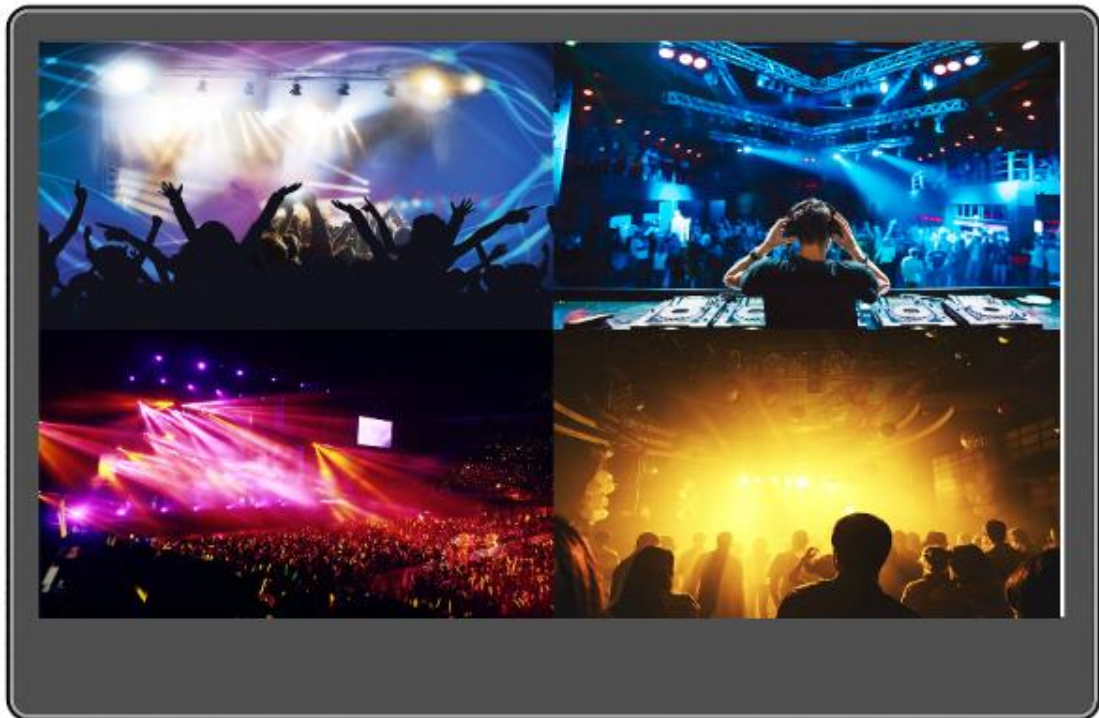# User Guide

IMPORTANT SAFETY INSTRUCTIONS:

- Please read User Guide before using this product.
- Please keep User Guide for future reference.
- Please read the cautions to prevent possible danger and loss of property.

FEATURES:

➢ High resolution: 3840×2160;

➢ Wide voltage: DC 12-24V;

➢ High brightness: 400cd/㎡;

➢ High contrast: 1500:1;

➢ Visual menu icon;
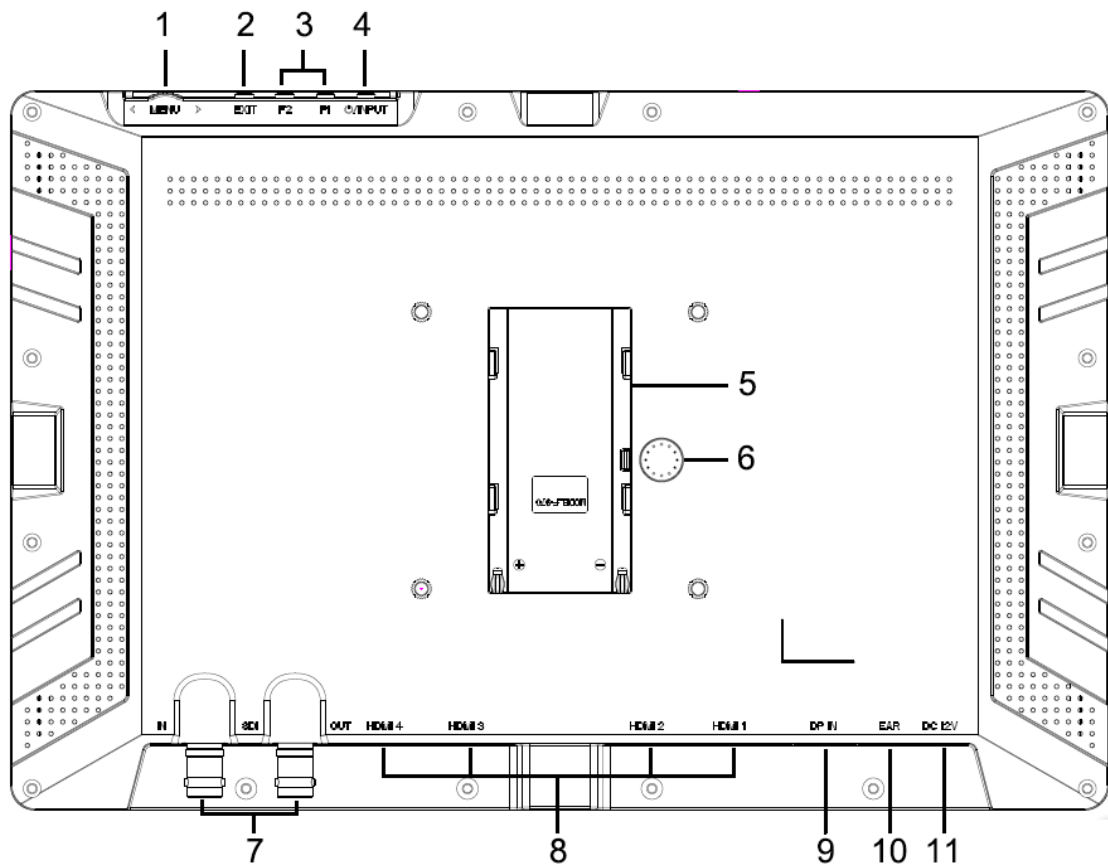
➢ Quad view display.

CAUTIONS:

1. Please do not place the display screen towards the ground.

2. Please avoid heavy impact or drop onto the ground.

3. Please do NOT use chemical solutions to clean this product. Please wipe with a clean soft cloth to maintain the brightness of the surface.

4. Please do not block any vent hole.

5. Please follow the instructions and trouble-shootings to adjust the product. Other improper adjustment may result in damage. Any further adjustment must be performed or conducted by a qualified technician.

6. Please unplug the power and remove the battery if long-term no-use, or thunder weather.

Contents

1. PRODUCT DESCRIPTION

1．**MENU** Dial：

Menu key： Press the dial to display menu on the screen when screen is lit.

Options key： Left or right sliding the dial in the menu screen to select the desired menu option.

Confirm key： Press the dial to confirm the selected option.

2．**EXIT**：

To return or exit the menu function.

3．**F1、F2** User-definable buttons： Long press F1 or F2 key for 3-5 seconds to pop-up shortcut menu directly. As shown in Figure (default menu button in white font).
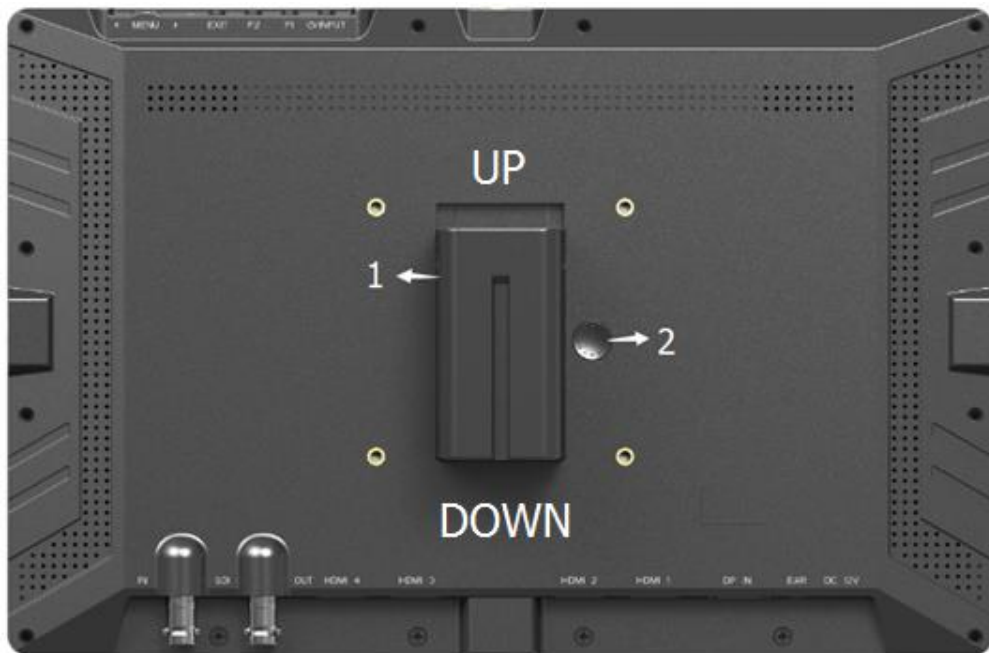
F1： Display Mode　　　F2： Display Rotate

4. ⏻**/ INPUT**

Power： Long press for 3 or 5 seconds to power ON/OFF.

Switch：Short press to switch among of DP，HDMI 1，HDMI 2，HDMI 3，HDMI 4 and 3G-SDI.

5．Battery jar.

6．Battery release button

7．3G-SDI input/output interface.

8．HDMI input interface.

   HDMI 1: HDMI2.0, support 4K 60Hz
   HDMI 2~4: HDMI1.4, support 4K 30Hz

9．DP input interface.

10．Speaker.

11．DC 12V power input.

2. BATTERY INSTALLATION

①　Place battery to the slot, and then slide it down to finish mounting.

②　Press the battery release button, and then slide battery up to take it out.

3. MENU SETTING

Before setting the functions, please make sure the device is connected correctly.

3-1. F1~F2 User-definable function buttons:

Long press any F1-F2 key for 3-5 seconds to pop-up shortcut menu directly. As shown in Figure (default menu button in white font).

Select option via sliding to the left or right.

Press to confirm option as default, then press EXIT to exit.

Functions of F1-F2 buttons can also be customized: Center Marker, Safety Marker, Aspect Marker, Aspect , Underscan, Check Filed, Freeze, Pixel to Pixel, Color Space, Peaking, False Color, Display Mode , Display Rotate and Display Mirror.
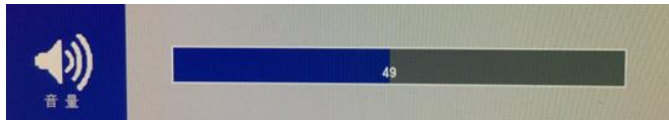
F1-F2：2 user-definable function buttons

Default function:

F1：Display Mode   F2：Display Rotate

3-2. Dial

Sliding the dial to activate the volume bar when not under the menu display

Slide the dial to adjust the value of option directly.

Press "EXIT" to exit if accidentally enter the menu.

After enter the Volume menu, press the dial to select among of Volume, Brightness, Contrast, Saturation, Hue, Sharpness, Backlight, Menu and Exit.

3-3. MENU Operation

When power on, press dial on the device, the menu of function setting will display on the screen.

Sliding the dial to select the menu option;

Then press the dial to confirm;

Press"INPUT/EXIT"button to exit menu.

Picture	Brightness	0~100
	Contrast	0~100
	Color Space	Rec709, Native
	Saturation	0~100
	Hue	0~100
	Sharpness	0~4
	Temperature	9300, 7500, 6500, 5800, User (R.G. B)
	Backlight	0~100
Function	Center Marker	ON, OFF
	Safety Marker	OFF, 95%, 93%, 90%, 88%, 85%, 80%
	Aspect Marker	OFF, Full, 17:9, 16:9, 4:3, 1.85:1, 2.35:1
	Aspect	Full screen, 17:9, 16:9, 4:3, 1.85:1, 2.35:1
	Underscan	ON, OFF
	Pixel-to-Pixel	ON, OFF
	Check Filed	OFF, Red, Green, Blue
	Freeze Input	ON, OFF
	Peaking	ON, OFF
	False Color	ON, OFF
Display Mode	1P，2P LR，2P TB，2P PIP，4P	

Display Setting	Display Rotate	0°, 90°, 180°, 270°	Available when single display.
	Display Mirror	OFF, L/R, U/D	Available when dual display on left and right.

Select Region	Menu setting to region selected according to users' needs.
Input	Signal switch to region selected according to users' needs.

Audio	Volume	0~100
System	Reset	Press to confirm after selected.
	Menu Time	5~60s
	OSD H Position	0~100 (To set menu display area)
	OSD V Position	0~100 (To set menu display area)
	Language	English, Chinese
	Transparency	0~255 (To set menu transparency)
	OSD Rotate	0°, 90°, 270°
	Border Width	0~10
	Border Color	R, G, B, W
Information	To display current information.	

4. ACCESSORIES

Standard:

1. 12V DC adapter   1 piece
2. Folding sun shade cover   1 piece
3. HDMI 2.0 A/C cable   1 piece
4. VESA battery plate   1 piece
5. Shoe mount   1 piece
6. Manual   1 copy

Optional:

1. V-mount or Anton bauer mount   1 piece
2. V-mount or Anton bauer mount power cable   1piece
3. Li-ion Battery (F970)   1 piece

5. PARAMETERS

Panel	12.5" 8bit	
Physical Resolution	3840×2160	
Brightness	400 cd/㎡	
Contrast	1500: 1	
Viewing Angle	170°/ 170°(H/V)	
Input Voltage	DC 7-20V	
Input Signal	Display Port, HDMI 1, HDMI 2, HDMI 3, HDMI 4 and 3G-SDI	
Output Signal	3G-SDI	
SDI Format	SD	525(59.94i)
		625(50i)
	HD(1920*1080)	1080(23.98p/23.98sF/24p/24sF/25p/25sF/29.97p/29.97sF/30p30sF/50i/59.94i/60i)
	HD(1920*720)	720(24p/25p/29.97p/30p/50p/59.94p/60p/23.98p)
	3G-Level A (1920*1080)	1080(23.98p/23.98sF/24p/24sF/25p/25sF/29.97p/29.97sF/30p/30sF/50i/59.94i/60i/50p/59.94p/60p)
	3G-Level A (1280*720)	720(23.98p/24p/25p/29.97p/30p/50p/59.94p/60p)
	3G-Level A(2K*1080)	2K(23.98p/24p/25p/29.97p/30p/23.98sF/24sF/25sF/29.97sF/30sF)
	3G-Level B (1920*1080)	1080(23.98p/23.98sF/24p/24sF/25p/25sF/29.97p/29.97sF/30p/30sF/50i/59.94i/60i/50p/59.94p/60p)
	3G-Level B (2K*1080)	2K(23.98p/24p/25p/29.97p/30p/23.98sF/24Sf/25sF/29.97sF/30sF)
	3G-Level B (2*HD 1080)	1080(23.98p/23.98sF/24p/24sF/25p/25sF/29.97p/29.97sF/30p/30sF/50i/59.94i/60i)
	3G-Level B (2*HD 720)	720(23.98p/24p/25p/29.97p/30p/50p/59.94p/60p)
HDMI 4K Format	HDMI1 (2.0)	3840*2160(23/24/25/29/30/50/59/60)
		4096*2160(23/24/25/29/30/50/59/60)
	HDMI2/3/4(1.4)	3840*2160(23/24/25/29/30)
		4096*2160(23/24/25/29/30)
HDMI Format	1080 (23.97p/24p/25p/29.97p/30p/50p/59.94p/60p/50i/59.94i/60i)	
	720 (50p/59.94p/60p)	
	576(50p/50i)	
	480(59.94p/60p/59.94i/60i)	
Power Consumption	≤18W	
Operating Temperature	0℃~60℃	
Storage Temperature	-20℃~70℃	
Dimension (LWD)	297.6 x 195 x 21.8mm	
Weight	960g	

6. TROUBLE SHOOTING

1. Only black-and-white display:

Check whether the color saturation is properly setup or not.

2. Power on but no pictures:

Check whether the cables of DP, HDMI, and 3G-SDI are correctly connected or not. Please use the standard power adapter coming with the product package. Improper power input may cause damage.

3. Wrong or abnormal colors:

Check whether the cables are correctly and properly connected or not. Broken or loose pins of the cables may cause a bad connection.

4. When on the picture shows size error:

Press "MENU → FUNCTION → Underscan" to zoom in/out pictures automatically when receiving HDMI signals

5. Other problems:

Please press dial button and choose "MENU→SYSTEM→ Reset →ON"

6. According to the ISP, the machine can not function properly:

ISP for program upgrades, non-professionals do not use. Please reboot your device if press accidentally!

Note: due to constant effort to improve products and product features, specifications may change without notice.