A-LOC AUDIOVISUEL

Lilliput BM280-4K User Manual



HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

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



4K Ultra-HD resolution

Ultra HD 4K screens containing 8.3 million pixel (3840×2160),
so the resolution is four times that of Full HD.
Which makes the innovative 4K screen ultimate in cinematic displays.



Big unit, large view

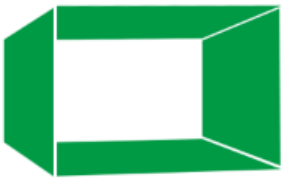
It features 28" 16:9 LED display, 170° wide viewing angles,
enjoy Consistent Images from Any Perspective.
Strongly recommend for directors!



Precise color

1000:1 high contrast, 450cd/m2 brightness, so you can enjoy sharper, more detailed images and richer colors than ever before.

Carry-on suitcase



The suitcase improves the monitor robustness & portability, also speeds up heat radiating. It makes monitor more stable and reliable.
Specially suitable for live shooting and post production.



Metal housing

A good protection from damage with all aluminum main body, to extend the life time of your monitor.



Rich interfaces

The monitor comes with 3G-SDI, HDMI, VGA, DVI & Audio interfaces. Multiple inputs meet the best need of various professional display solutions.

CAUTIONS

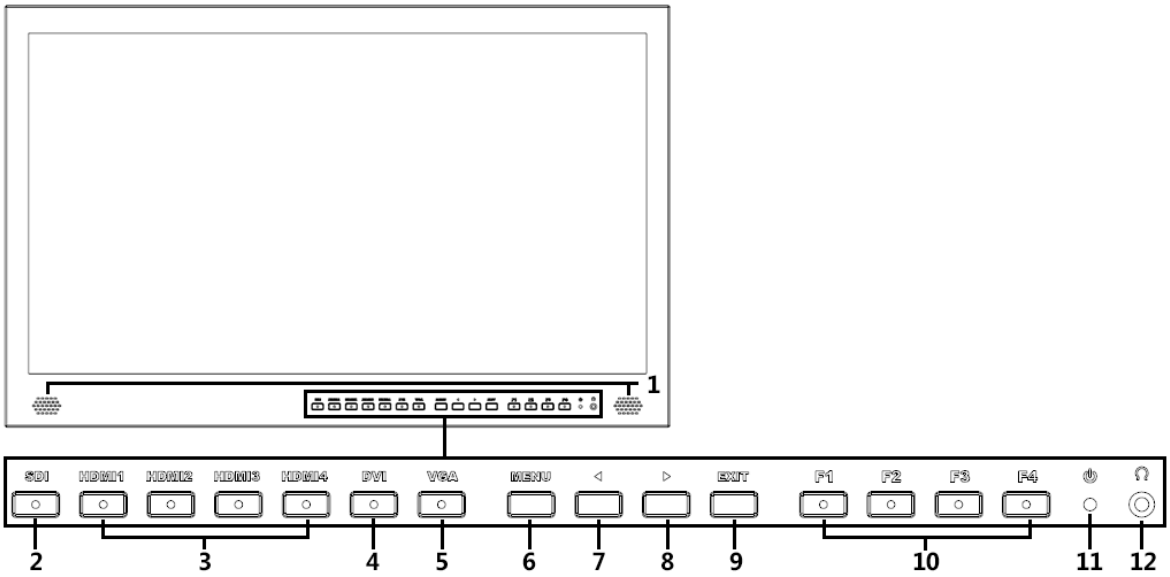
- Please do not place the display screen towards the ground.
- Please avoid heavy impact or drop onto the ground.
- Please do NOT use chemical solutions to clean this product. Please wipe with a clean soft cloth to maintain the brightness of the surface.
- Please do not block any vent hole.
- Please 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.
- Please unplug the power and remove the battery if long-term no-use, or thunder weather.

Contents

1. PRODUCT DESCRIPTION 4
2. SUN SHADE INSTALLATION.....7
3. MENU SETTING.....8
4. ACCESSORIES 11
5. PARAMETERS 8
6. TROUBLE SHOOTING.....9

1、PRODUCT DESCRIPTION

Front



1. Speaker
2. SDI
   Signal switch to SDI mode when light on.
3. HDMI 1 ~ 4
   Signal switch to HDMI mode when light on.
4. DVI
   Signal switch to DVI mode when light on.
5. VGA
   Signal switch to VGA mode when light on.
6. MENU/ENTER
   Press to enter menu.
   Press to enter option in the menu.
7. ◄
   Select option in the menu.
   Decrease the option value.
   Before enter the menu, single press to activate volume, press again to switch among of volume, brightness, contrast, color, hue, sharpness and backlight.
8. ►
   Select option in the menu.
   Increase the option value.
9. EXIT
   Back or exit.
10. F1~F4 User definable buttons
    Default function options:

    F1：Display Mode　　F2：Display Rotate

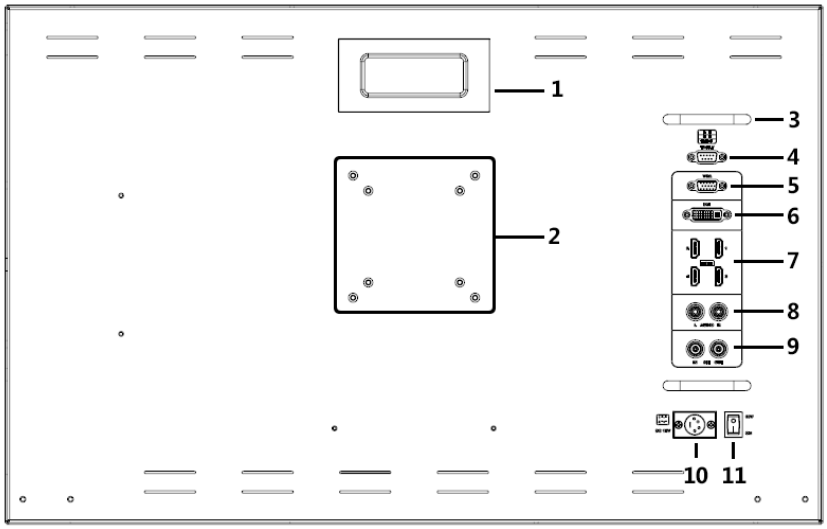
    F3：Safety Marker　　F4：Aspect

(functions can be customized by long keep pressing any one of the 4 buttons)

11．Power indicating light (green light: working).

12．Earphone jack

Back



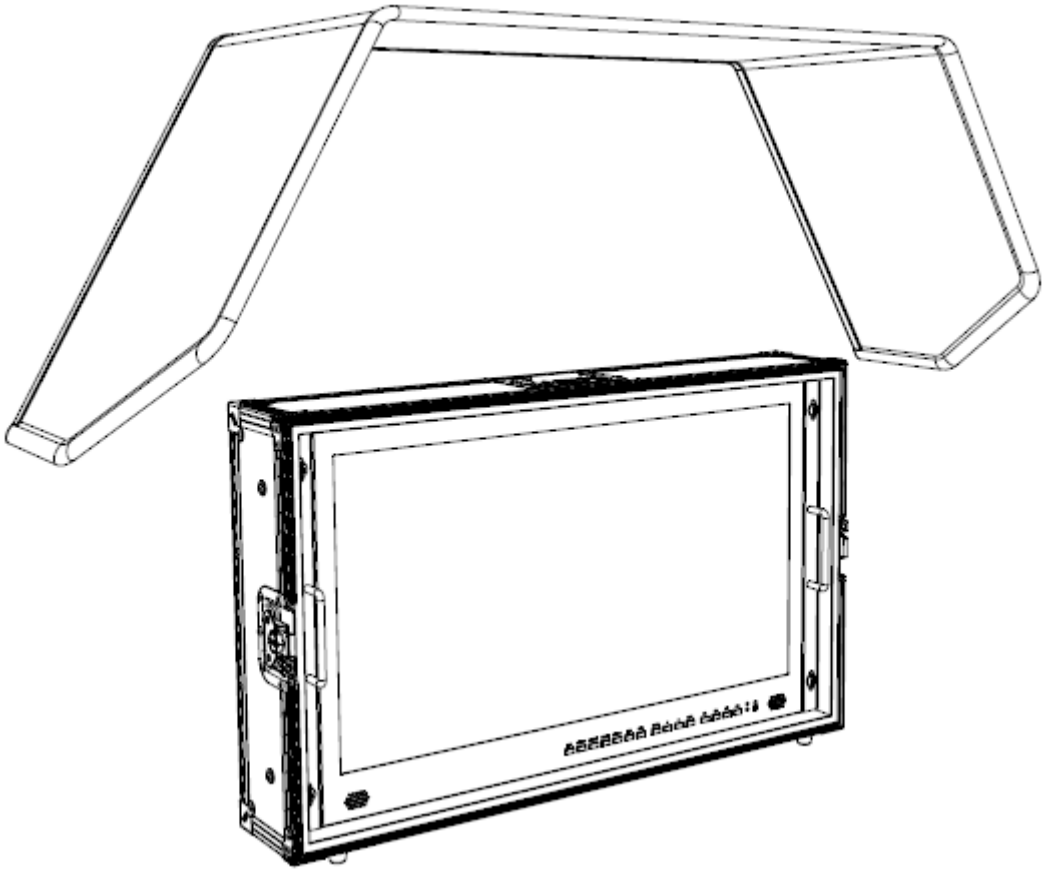
1. Handle
2. VESA 75×75 & VESA 100×100 mounting port
3. Connector protector
   Preventing connectors from damage.
4. TALLY port
5. VGA input port
6. DVI input port
7. HDMI input port×4。

   HDMI 1: HDMI2.0, support 4K 60Hz
   HDMI 2, HDMI 3&**HDMI 4**: HDMI1.4, support 4K 30Hz
8. Audio L/R
9. SDI input/output ports
10. XLR power port
11. Power switch

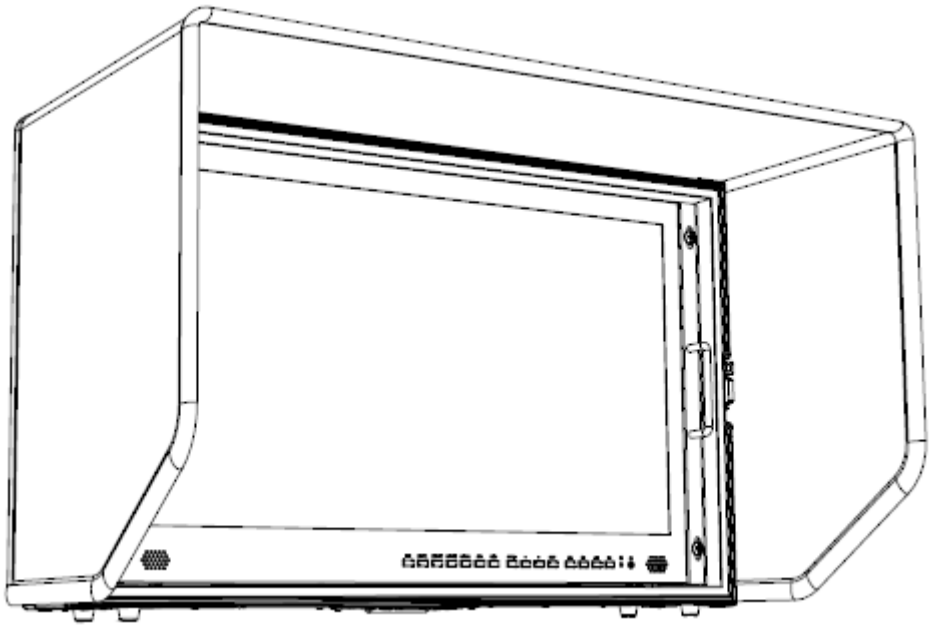
ǁ is battery power; ○ is power off; | is DC power

2. SUN SHADE INSTALLATION

1. Put the sun shade on the suitcase, and match the magnets on both sides.



2. As shown below after finished.



3. MENU SETTING

Please check whether the device is connected well or not.

3-1. F1~F4 user definable shortcut buttons

Long keep pressing any one of the 4 buttons for 3-5 seconds to activate shortcut menu setting. Option selected will be highlighted as white; option will be highlighted as yellow, unavailable option will be highlighted as gray.

Select option via "◄/►" buttons.

Then press "MENU" button to confirm to set as default option.

Functions can be customized to meet user's needs: center marker, safety marker, aspect ratio, under scan, check field, image freeze, peaking, display mode and image flip.

Default options:

F1：Display Mode　　F2：Display Rotate

F3：Safety Marker　　F4：Aspect

3-2. ◄ / ► Buttons Operation

Under non menu screen, press ◄/► buttons to activate volume bar, Use " ◄ / ►"buttons to select the desired option.
Press the "MENU" button to select Volume, Brightness, Contrast, Saturation, Hue, Sharpness, Backlight, Menu and Exit.

3-3. MENU Operation

When power on, press "MENU" on the device, The menu of function setting will display on the screen.

Press ◄ / ► button to choose menu;

Then press "MENU" button to confirm;

Press "EXIT" button to return / exit menu.

Picture	Brightness	0~100
	Contrast	0~100
	Color Space	Native / REC709
	Saturation	0~100

	Hue	0~100	
	Sharpness	0~4	
	Temperature	9300，7500，6500，5800，User	
	Backlight	0~100	
\Function	Center Marker	ON, OFF	
	Safety Marker	OFF，95%，93%，90%，88%，85%，80%	
	Aspect Marker	Full Screen， 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	
	False Color	ON, OFF	
	Peaking	ON, OFF	
Display Mode	1P，2P LR，2P TB，2P PIP，4P		
Display Setting	Display Rotate	0°，90°，180°，270°	Available when single display.
	LR Ratio	0~4	Available when dual display on left and right.
	Input Swap		
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	
	Audio Source	Analog，Digital 1，Digital 2，Digital 3，Digital 4。	
VGA	Auto Adjust	Press to confirm after selected.	Only for adjusting VGA signal modes.
	H Position	0~100	
	V Position	0~100	
	Clock	0~100	
	Phase	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)	
	Transparency	0~255 (To set menu transparency)	
	OSD Rotate	0°，90°，270°	
	Border Width	0~10	
	Border Color	R, G, B, W	
Info	To display current information.		

4、ACCESSORIES

1. Folding sun shade cover	1 piece
2. Carry-on suitcase	1 piece
3. 15V DC adapter	1 piece
4. Adapter fixing belt	2 pieces
5. Battery plate bracket	1 piece
6. V-mount or Anton bauer mount	1 piece
7. TALLY connector (in bulk)	1 piece
8. Manual	1 copy
9. WHDI Accessories	1 pair (optional)

5、PARAMETERS

Panel	28”LED backlight
Resolution	3840×2160
Aspect Ratio	16：9
Brightness	300cd/㎡
Contrast	1000: 1
Viewing Angle	170°/ 160°(H/V)
Input Voltage	DC 12~24V（XLR）
Input Signal	HDMI, VGA，DVI and 3G-SDI
Power Consumption	≤ 48W
Operating Temperature	-0℃~60℃
Storage Temperature	-20℃~60℃
Dimension（LWD）	670×425×45mm 761×474×173mm（with case）
Weight	9.4kg/21kg（with case）

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 HDMI, VGA，DVI 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 “MENU” button and choose “MENU→ System→ Reset →confirm”
6. According to the ISP, the machine cannot function properly.
   ISP for program upgrades, non-professionals do not use. Please reboot your device if press accidentally!
7. No Sound.
   Press HDMI button if no sound; if still unavailable, please contact the technician.
8. No signal displayed when connecting with HDMI 1
   Please long press HDMI 1 button for 3-5 seconds to activate HDMI signal.

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Book your Lilliput BM280-12G 28" Monitor here