Marshall Electronics

M-CT5

Camera-Top Monitor

Owner's Manual

Dear users:

Thank you for purchasing Marshall's M-CT5-CE6 HD DSLR LCD Monitor. This 5" Pro HD LCD Monitor is designed to be used as an external video display, allowing you to step back from the camera while still being able to frame and capture the action without having to look through the camera's built-in viewfinder. It employs advanced integrated circuits, high quality TFT LCD modules, and low power consumption.

This monitor is designed to be small, easily operated, and portable, with HDMI, Composite Video, Audio Input and HDMI Output. This monitor can be powered by the Canon E6 battery.

Product Advanced Features:

- Zoom mode
- HDMI input and output. Video Input and Audio input
- Viewfinder marked ranges:0%, 85%, 90%, 93%, 96%
- Cross the screen center mark
- 16:9 or 4:3 Aspect Ratio Setting
- Earphone stereo output.
- Brightness, Contrast, Hue, Saturation and Color Temperature Adjustment
- Support Canon LP-E6 or equivalent
- Removable Sunhood

To ensure the best use of this product, please read this manual carefully beforehand.

CAUTION
1. Please use the adapter attached in the accessory or another qualified adapter.
2. Please do NOT expose this product to direct sunlight, heat, or humid conditions.
3. Please keep away from strong light while using this product to ensure the image effect and long-term use.
4. Please avoid heavy impact or drop onto the ground.
5. Please do NOT use chemical solutions to clean this product. Please wipe with a clean, soft cloth to maintain the brightness of the surface.
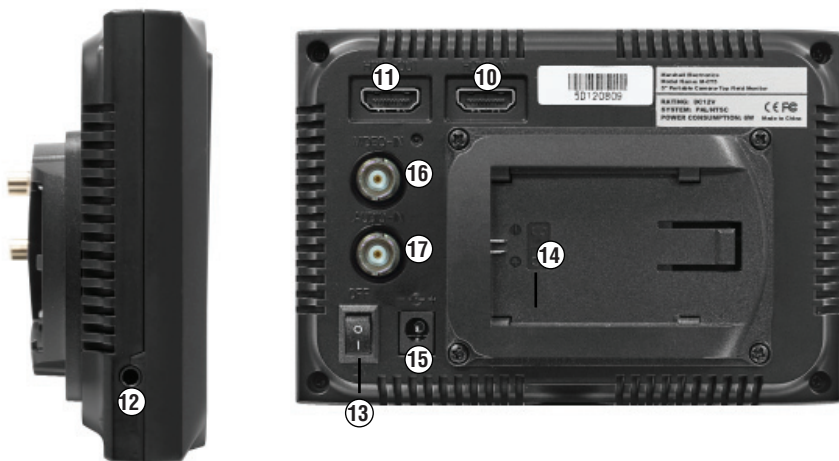6. Please do not take apart or repair the unit by yourself to avoid damage the product.

CONTENTS

Product Description

Panel Instruction

1. Volume down to adjust the value setting function
2. Volume up or to adjust the value setting function and activate the volume adjust menu
3. MENU: To activate OSD menu
4. Menu navigation key up
5. Menu navigation key down
6. HDMI/Video selector key
7. Zoom - DSLR mode
8. Indicator light
9. Speaker

Back view

10. HDMI input jack
11. HDMI output jack
12. 3.5mm headphone jack
13. Power on/off
14. Battery mount
15. DC12V input jack
16. Video In
17. Audio In

1/4inch Fixed hole

There is a 1/4 standard screw bracket fixed hole on the top and bottom of the monitor for mounting the monitor and mounting accessories onto the monitor.
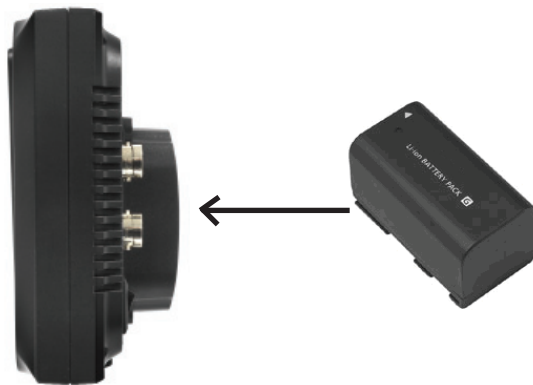
battery plate

Battery plate:
To power the monitor with the Canon LP-E6 (equivalent) battery.

Battery installation

Side

Suggestion: Remove the battery for long periods of inactivity.

Sunhood installation and Removal
Attach the self adhesive side of the Velcro® to the side of the monitor.

2. Power input

The monitor can be powered by the enclosed CE6 or equivalent battery or by a 12V power adapter (optional). Please note the input polarity is Positive with respect to --○-+, otherwise will damage the monitor!

3. Operating instruction

3.1 Menu operating instructions

Before setting the menu functions, please make sure the device is connected correctly. Power switch (lower right corner of the unit) dial to ON position. The monitor enters into working state. Please dial to OFF position when closing the unit. After enter into working state, press the "mode" button on the unit, according to the input video signal to switch "HDMI,VIDEO" (under NO menu state, using the shortcut button on the panel to operate). Press "MENU"button on the unit, then enter into OSD menu operation. Operate "▲"or "▼"on the unit to select or adjust the needed optionals.

(color);　 (menu); (function); (sound);

After selecting the optionals, press "►"or "◄" on the unit to confirm, then using "▲" or "▼" to select or adjust the value of Analog Data. After confirm the needed adjust parameters, using "►" or "◄" to adjust. If you need to exit OSD menu, repress "MENU" button.

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 "▲" or "▼" to select color temperature such as: 9300 K, 7500K, 6500K or USER. (the monitor leave the factory defaults 6500K).

When selecting "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 your needs.

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:

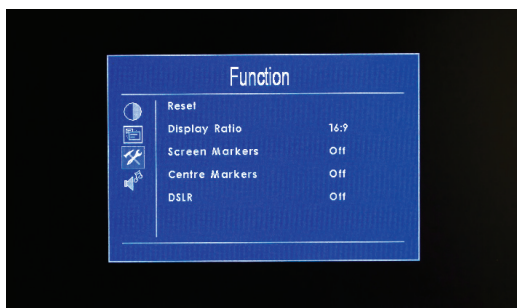| English | 繁体中文 | Italian | Francois | |
| Deutsch | Español | 简体中文 | Japanese | Pycc |

¤ 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.

Function

After selecting "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.
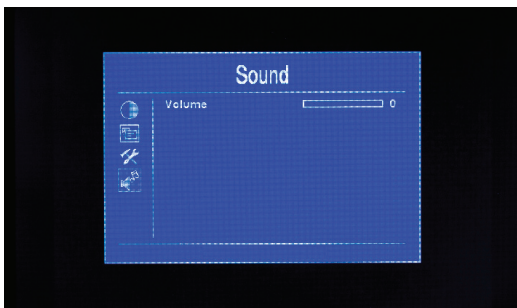
¤ Reset Back to original setting.

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

¤ Finder Frame Safety frame setting

¤ Center Mark: Screen center mark (cross mark) display setting

⚙ Sound

After select "sound", 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.

¤ Volume: To adjust the volume.

4. Parameters

Display panel size	TFT LCD 5.0inch 1152000 Pixels
Panel type	TFT LCD
Resolution	800*480
Max resolution	1920×1440
Horizontal frequency range	30-60kHz
Field frequency range	60Hz ~ 75Hz
Distance	0.045(W) x 0.135 (H)
Display ratio	16:9
Brightness	350 cd/m^2
Contrast	500:1
Response time	10ms
Viewing angle	70°/70°(L/R) 50°/70°(U/D)
Backlight	LED
Input signal	HDMI, VIDEO, AUDIO
Signal output	HDMI(optional)
Supported format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video color system	PAL-4.43; NTSC-3.58
Input power voltage range	DC6-24V
Power consumption	≤7w
Standby current	≤50mA
Unit size(LWH) With sunhood	146mm(L) *100mm(H) *46mm(W) 146mm(L) *100mm(H) *60.5mm(W)
Weight (no battery) With sunhood	260g 340g
Working temperature	-20~55°C
Storage temperature	-30~65°C

5. Accessories

5.1. Standard
Mini HDMI to HDMI cable
HDMI to HDMI cable
Hot shoe mount
LP-E6 Canon equivalent battery
Battery Charger
User manual

5.2. Optional
BNC to RCA adapter
DC 12V power adapter
BNC cable
Sunhood

6. Trouble shooting

6.1. Only black and white or monochrome picture.
Please check saturation, brightness & contrast adjustment.
6.2. No picture after turning on the power.
Check signal cable connecting, make sure use the standard adapter is connected the monitor. If power is supplied by battery, please check if the battery is fully charged.
6.3. The image color distortion or abnormal, e.g. lack some color.
Please check signal cable whether connected correctly or not. If the cable is damaged or loosened, it will cause poor transfer, causing this malfunction.
Check "color" function menu "color temperature" adjustment, whether adjustment misconduct under the "user" state.

If you are still experiencing problems, contact Marshall Electronics technical support at: **(800) 800-6608 or +1 (310) 333-0606**

Menu Option Chart			
Input Mode		HDMI	Video
Color	Brightness	X	X
	Contrast	X	X
	Hue	X	X
	Saturation	X	X
	Color Temperature	X	NO
OSD	Language	X	X
	H Position	X	X
	V Position	X	X
	OSD Timeout	X	X
	Zoom	X	NO
	Transparent	X	X
Function	Reset	X	X
	Display Ratio	X	X
	Screen Marker	X	X
	Center Marker	X	X
	DSLR	X	NO
Sound	Volume	X	X

Manual contents subject to change without notice.