Marshall Electronics

M-CT508-06

Camera-Top Monitor

Owner's Manual

Dear users:

Thank you for purchasing Marshall's M-CT508-06 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 is supplied with a Canon E6 battery plate. See page 11 for other available battery kits.

Product Advanced Features:

• **Zoom mode**
• **HDMI input and output. Video Input and Audio input**
• **Viewfinder marked ranges: 0%, 85%, 90%, 93%, 96%**
• **Center Marker**
• **16:9 or 4:3 Aspect Ratio Setting**
• **Headphone output**
• **Brightness, Contrast, Hue, Saturation and Color Temperature Adjustment**
• **Supports DSLR, camcoder or AA batteries**
• **Removable Sunhood**

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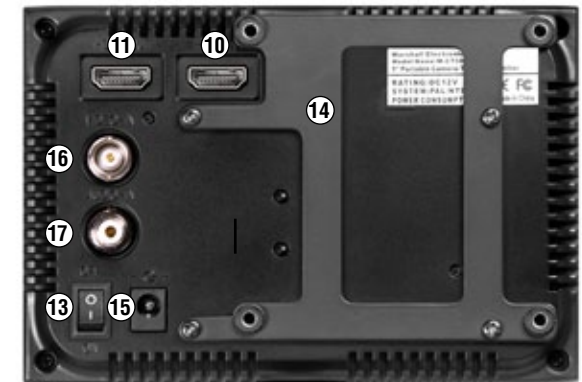
CAUTION

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 avoid heavy impact or droping onto the ground.
4. Please do NOT use chemical solutions to clean this product. Please wipe with a clean, soft cloth to maintain the brightness of the surface.
5. Please do not take apart or repair the unit by yourself to avoid damage to 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 down
5. Menu navigation key up
6. HDMI / Video selector key
7. Zoom - DSLR mode
8. Indicator light
9. Speaker

Rear 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

1/4-inch Fixed hole

There is a 1/4"-20 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:
This monitor is supplied with a Canon E6 battery plate.
To power the monitor with DSLR, camcorder or AA batteries,
please see battery configuration chart, page 11.

Battery installation
Suggestion: Remove the battery during 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 with at least 1Amp (optional). Please note the
input polarity is Center Positive.

3. Operating Instruction

3.1 Menu operating instructions
Before setting the menu functions, please make sure the device is
connected correctly. Turn the Power switch (lower right corner of the unit)
dial to ON position. The monitor enters into working state. Turn dial to
OFF position when closing the unit. Press the "mode" button on the unit
to switch between "HDMI, VIDEO". Press "MENU" button on the unit to
enter into OSD menu operation. Operate "▲"or "▼"on the unit to select
or adjust the needed options:

 Color; Menu; Function; Sound;

After selecting the options, 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, use "►" 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.
• **Saturation:** To adjust color concentration.
• **Hue:** Adjust balance between chroma channels.
• **Sharpness:** Sharpens horisontal and vertical edges in the image.
• **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: 9300K,
  6500K or USER. (the monitor leave the factory default is 6500K).
• **Brightness:** To adjust the display's brightness.
• **Contrast:** To adjust ratio of the brightest and darkest parts of the
   image.

When selecting "USER", use "▲" or "▼" to select color R.G.B., then use "◄" or "►" to adjust the value to make sure the color of the picture meets your needs.

Function

After selecting "function", press "◄" or "►" button to confirm, then enter into parameters adjustment. Use "▲" 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
- Language: Select the OSD language. Choose between: English, Spanish, French
- **Halftone:** change the opacity of the Menu

System

- **Center Mark:** Screen center mark (cross mark) display setting
- **Safe Border:** Safety frame setting
- **Volume:** To adjust the volume
- **Field Check:** use to isolate the R, G, B components of an image for calibration
- **Peaking:** enable an edge detecting on-screen display

4. Parameters

Display panel size	TFT LCD 5.0-inch
Panel type	TFT Active Matrix
Resolution	800 x 480
Display ratio	15:9
Brightness	350 cd/m^2
Contrast	500:1
Response time	10ms - 15ms
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
Power consumption	≤7w
Standby current	≤50mA
Unit size(LWH)	146mm(L) *100mm(H) *46mm(W)
Weight (no battery)	260g
With sunhood	340g

5. Accessories

- HDMI - mini HDMI cable
- HDMI cable
- Hot shoe mount
- Canon E6 battery plate
- Sunhood

6. Troubleshooting

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 is distorted or abnormal, e.g. lacking some color. Please check the signal cable for proper connection. If the cable is damaged or loosened, it will cause poor transfer, causing this malfunction.

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

Battery Compatibility

The Canon E6 battery plate is supplied with this monitor.
This monitor is compatible with a variety of different DSLR and camcorder batteries, depending upon which option is purchased:

Available Battery Kits	Description
M-AC-AA	AA Accessories Kit
M-AC-E6	E6 Accessories Kit
M-AC-NEL15	NEL 15 Accessories Kit

Marshall Electronics

1910 E. Maple Avenue

El Segundo, CA 90245 USA

Phone: 310-333-0606 • 800-800-6608

• Fax: 310-333-0688

www.LCDracks.com

Manual contents subject to change without notice.