

**Marshall Electronics**

# M-CT7

Camera-Top Monitor



Owner's Manual



Thank you for purchasing a **Marshall M-CT7** camera-top monitor. The M-CT7 is a great tool for focusing, composing, and viewing images/video clips directly from your digital camera/video camera. It is conveniently sized for easy transportation, and it is perfect for difficult shooting situations.

To obtain the best results with your new M-CT7, please take the time to read this manual.

## CAUTION

- Please use the supplied power sources.
- Do not expose this product to excessive heat or humidity.
- Avoid subjecting the unit to physical shock wherever possible.
- Do not use chemical solutions to clean this unit. Simply wipe with a clean soft cloth to remove fingerprints or smudges.

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### MONITOR



1. Volume UP/DOWN / Adjust value of setting function
2. Activate OSD menu
3. Selection key / adjust phase directly
4. Selection key / adjust the brightness directly
5. Input selection switch
6. Power ON/OFF
7. Indicator light
8. Infrared receiving window
9. 3.5mm AV input jack
10. VGA input jack
11. HDMI input jack
12. Power input jack



### REMOTE CONTROL

- MUTE
- Power ON / OFF
- Activate OSD menu
- Volume UP / adjust value of setting function
- Volume DOWN / adjust value of setting function
- Selection key / adjust brightness directly
- Selection key / adjust phase directly
- Aspect ratio switch (4:3/16:9)
- UP / DOWN
- LEFT / RIGHT
- Input Selection

### CABLES



HDMI cable



mini HDMI-to-HDMI



AV Cable



1. Yellow RCA jack for VIDEO 1 input
2. White RCA jack for AUDIO input
3. Yellow RCA jack for VIDEO 2 input

### MENU OPERATION

After connecting power, the unit will be in standby mode, which is indicated by a red light. Press "POWER" on the unit or on the remote control, and the buttons on the unit will illuminate in blue when the unit is operational. Pressing the same button again will return the unit to STANDBY mode. Push "PC/AV" on the unit or the remote control to select the signal input. Push "PC/AV" on the unit or the remote control to select the signal input.



OSD in HDMI / PC Mode



OSD in AV Mode

You can press  $\uparrow$  or  $\downarrow$  on the unit or on the remote control to select the items: COLOR ADJUST MENU FUNCTION SOUND and confirm by pressing  $\leftarrow$  or  $\rightarrow$  on the unit or on the remote control, then push  $\leftarrow$  or  $\rightarrow$  again to adjust the items. Push MENU to exit the OSD after your adjustments are complete.

## COLOR (HDMI / PC MODE)



After selecting "Color" mode on the OSD, use  $\wedge$  or  $\vee$  to select and then push  $\lt$  or  $\gt$  to adjust.

1. **Brightness:** adjusts the brightness of the image
2. **Contrast:** adjusts the contrast of image
3. **Color Temp:** adjusts the color temperature of the image
4. **Custom Color Adjustment mode**

Color temperature within the OSD is adjustable also. Press  $\lt$  or  $\gt$  on the unit or on the remote controller to select "Color Temp," then choose to set color temperature to: 9300 K, 6500 K, or USER or by pressing  $\wedge$  or  $\vee$ .

RED, GREEN and BLUE may then be adjusted with  $\lt$  or  $\gt$  to obtain any custom settings you may require.

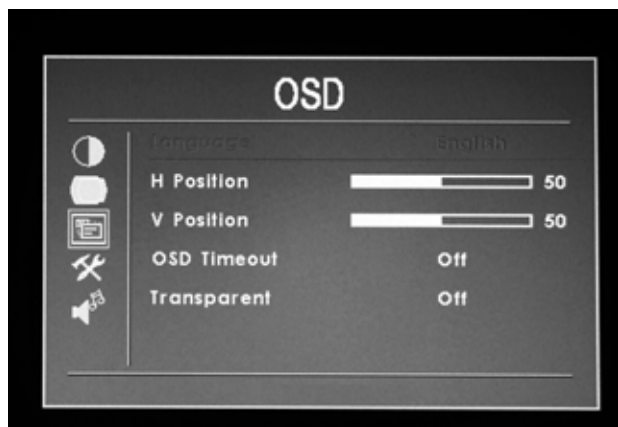
*Note: when you select "USER," a mini box will appear in the right bottom corner of the OSD (as pictured above).*

## ADJUST (PC MODE)



1. Auto Config: adjusts settings automatically
2. H Position: adjusts the picture horizontally
3. V Position: adjusts the picture vertically
4. Phase: adjusts the phase
5. Clock: adjusts the clock, make field, and line synchronization

## OSD (ALL MODES)



Language window



1. Language: sets the displayed language
2. H Position: adjusts the OSD window horizontally
3. V Position: adjusts the OSD window vertically
4. OSD Timeout: adjusts the timeout for the OSD shut-off
5. Transparent: switches between a translucent and opaque OSD

## FUNCTION (ALL MODES)



1. **Reset:** resets the monitor to the original factory settings
2. **Zoom:** changes the aspect ratio from 4:3 to 16:9 (4:3 is default)
3. **LR:** flip image horizontally (Mirror image)
4. **UD:** flip image vertically (up / down)

## SOUND (ALL MODES)



1. **Volume:** adjusts the monitor volume



### SPECIFICATIONS

Display Panel	7-inch TFT LCD (1,152,000 pixels)
Resolution	800x480 (VGA)
Upscaled Resolution	1920x1440 (VGA)
Brightness	400 cd/m <sup>2</sup>
Contrast	500:1
Viewing Angles	75°/75° (Left/Right) 50°/70° (Up/Down)
Video Signal Input	0.7 ~ 1.4Vp-p / 75Ω
VGA Signal Input	Horizontal: 30~60KHz Vertical: 60~75Hz
Speaker	≥2.5W/8Ω
Color System	NTSC: 3.58 / PAL: 4.43
Voltage	DC: 12V ± 10%
Signal Inputs	PC (VGA), AV1, AV2
Power Consumption	≤8w
Working Temperature	-10-75°C
Store Temperature	-30-75°C
Size	182mm (L) x 127mm (W) x 32mm (H)
Weight	14 oz. (without battery)

## INCLUDED ACCESSORIES

- Power AC adapter
- Car power adapter
- AV cable
- HDMI-to-HDMI cable
- Mini HDMI-to-HDMI cable
- Remote control
- Camera mount
- Battery
- Battery charger
- Operation manual
- Soft pouch

## TROUBLESHOOTING

### **Image is only showing black and white:**

Make sure the level of color saturation and brightness is correct.

### **The power is on but there is no picture:**

Make sure the AV or VGA cable is tightly connected from the video out connector or VGA signal output connector. Make sure you are using the standard power adapter supplied with the monitor.

### **The colors are incorrect or abnormal:**

If any color is missing, check the cables to make sure they are securely connected. Broken or loose pins in the cable connector can cause a bad connection.

### **The remote control does not work:**

Check the battery to make sure the battery is installed properly.

If you are still experiencing problems, contact Marshall Electronics technical support at:

**(800) 800-6608 or +1 (310) 333-0606**

## BATTERY COMPATIBILITY

This camera-top monitor is compatible with a variety of different DSLR and camcorder batteries, depending upon which option is purchased:

### **DSLR Batteries**

Canon BP511

Canon E6

Nikon EL3

### **Camcorder Batteries**

Canon BP-970G

JVC BN-V438U

Panasonic CGA-D54

Panasonic VW-VBG6

Sony NP-QM91

Sony NP-F970

## Marshall Electronics

1910 E. Maple Avenue

El Segundo, CA 90245 USA

Phone: 310-333-0606 • 800-800-6608 • Fax: 310-333-0688

[www.marshall-usa.com](http://www.marshall-usa.com)