

LCD4Video

7" LCD Monitor User Manual



www.lcd4video.com

Thank you for purchasing our 7" LCD Monitor Kit.

This 7" 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 cameras built-in viewfinder.

This monitor is compact enough for camera top mounting or attaching to a tripod or crane, jib or arm... and large enough to be seen on a desktop or rack mount from a distance. It's light weight, low power consumption and low cost make it ideal for any DV and HD video cameras. This monitor easily switches between 16:9 and 4:3 aspect ratios and has image orientation controls where the picture can be flipped horizontally and vertically for DOF (depth-of-field) adapters.

To insure best use of this unit, please read this user's manual carefully.

Important Safety Instructions

For your own safety and that of your equipment, always take the following precautions.

Use only the power adapter that came with your LCD. Adapters for other equipment may look similar, but may damage your display.

Disconnect the power (by pulling the plug, not the cord) if any of the following conditions exists:

- the power cord or plug becomes frayed or otherwise damaged
- you spill something into the case
- your display is exposed to rain or any other excess moisture
- your display has been dropped or the case has been otherwise damaged
- you suspect that your display needs service or repair



Table of Contents

Page 3 - 7" LCD Monitor - Front View

Page 4 - Remote Control

Page 5 - Specifications

Page 6 - Standard Accessories

Page 7 - Optional Accessories

Page 8 - Optional Batteries & Adapters

Page 8 - Compatible Batteries

Page 9 - LCD Monitor Setup – AV Cable to LCD Monitor

Page 10 - LCD Monitor Setup – AV Cable to Camera

Page 11 - LCD Monitor Setup – LCD Monitor to Power

Page 12 - Mounting the LCD with Optional Shoe Mount

Page 13 - LCD Monitors On-Screen Display Settings

Page 13 - LCD Monitors Image Flip Functions

Page 14 - LCD4Video Warranty, Contact & Support

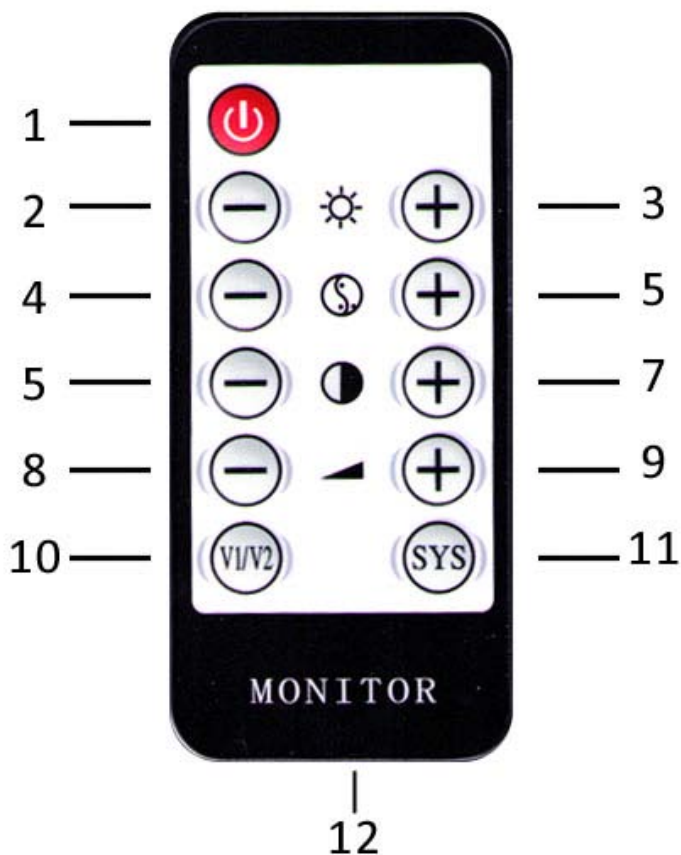


7" LCD Monitor - Front View



- 1) Power Button (on/off)
- 2) Video Input Select v1/v2
- 3) Menu/Volume Adjustment -
- 4) On-Screen Display Menu Button
- 5) Menu/Volume Adjustment +
- 6) Headphone Jack
- 7) Monitor AV Cable Input (Power, Audio & Video)
- 8) MMI Input (Not Used)
- 9) Remote IR Sensor

Remote Control



- 1) Power Button (on/off)
- 2) Brightness –
- 3) Brightness +
- 4) Color –
- 5) Color +
- 6) Contrast –
- 7) Contrast +
- 8) Volume –
- 9) Volume +
- 10) Video Input Select v1/v2 (RCA/BNC)
- 11) SYS – Image Flip Functions

Specifications

Screen Size	7" Diagonal 16:9 AR
Display Type	'Panasonic' TFT LCD Panel
Active Area	6.12" (W) x 3.45" (H)
Resolution	1440 x 234 pixels / 480 x 240 lines
Video System	NTSC & PAL Standards Compatible (Auto detect)
Aspect Ratio	16:9 & 4:3 Selectable
Viewing Angle	(60° horizontal x 30° vertical)
Power Supply	12v DC
Current	0.7A
Video Input	Dual Channel RCA & BNC Video Inputs
Audio	Built-in Speaker with RCA Audio Input
OSD Adjustments	Brightness > Color > Contrast > Tint > Aspect Ratio
Mount Type	Bottom & Rear Mount Bracket
Image Flip Function	Vertical & Horizontal (Mirror Image) Flip w/Remote 'SYS'
Backlight	Cold Cathode Filament Tube
Brightness	250-300cd/mSQ
Power Consumption	Low Power Consumption - 12 volts Input, 10W Max
Operating Conditions	32°-140° F, 85% Max Humidity
Weight	0.78 lb
Dimensions	7.08" (W) x 5.35" (H) x .98" (D)

Standard Accessories



7" LCD Monitor

7" Widescreen 16:9 / 4:3 Selectable TFT LCD Monitor (480 x 240 lines)



AV Cable

Allows you to connect two video sources (RCA/BNC), one audio source (RCA) and the power source into the monitor - with video loop through.



AC Adapter

12 volt AC adapter allows you to power the monitor from any outlet.



Desktop/Wall Stand

Allows you to mount the monitor on a table or wall.



Remote Control

Wirelessly controls the monitors' functions.

Optional Accessories



Cigarette DC Adapter

12 volt DC adapter that will allow you to power the monitor through a Cigarette Lighter Plug.



4-Pin XLR Adapter

This XLR Adapter will allow you to power the monitor from a 4-pin XLR receptacle such as an external 4-pin 12 volt battery pack or battery belt.



Shoe Mount

Allows you to mount the monitor on the shoe on top of your camera.



LCD Dust Cover

Protective cloth cover that covers that stretched over the entire LCD monitor.



Sunhood

Provides shade in direct sunlight for enhanced viewing. Attaches to the monitor with included Velcro strips.



Carrying Case

Protective cloth carrying case with two zippered pockets and various compartments to store and transport your monitor and accessories safely.



Optional Batteries & Adapters



Sony, Canon, or Panasonic Battery Adapter

This adapter plate allows you to use a camera battery to power your monitor. Separate adapters available for Sony, Canon & Panasonic Batteries.

*Battery not included.



AA Battery Adapter

This adapter allows you to use 10 AA Batteries to power your monitor.

*Batteries not included.



Lithium-Ion Battery Kit

This is a 12 volt, 4500mAh lithium-ion battery that will power your monitor.

Includes an AC Charger and Case.

Compatible Batteries

The **Sony Battery Adapter** is compatible with a **Sony NP-F570 / NP-F970 L Series Camcorder Battery**
(Run time tested at up to 8hrs.)

The **Canon Battery Adapter** is compatible with a **Canon BP-930 Extended Lithium-Ion Battery**
(Run time tested at up to 8hrs.)

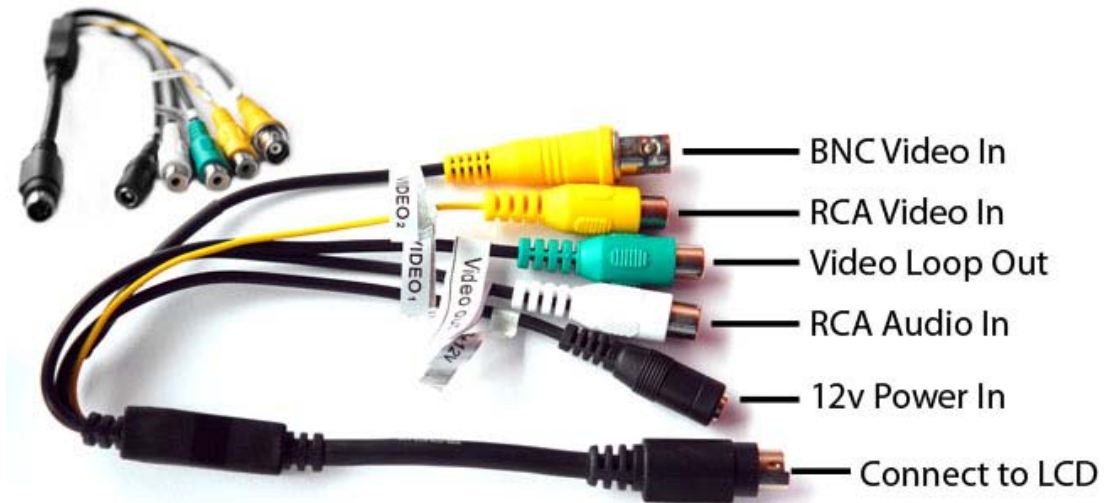
The **Panasonic Battery Adapter** is compatible with a **Panasonic CGR-D54 Lithium-Ion Battery**
(Run time tested at up to 8hrs.)

The **AA Battery Adapter** works with **Ten (10) Standard AA Batteries**.
(Run time tested at up to 3hrs. - Rechargeable Lithium AA Batteries will run longer)



LCD Monitor Setup – AV Cable to LCD Monitor

- Connect the AV Cable to the LCD Monitor as shown below



AV Cable - Video, Audio and Power Connections



AV Cable

**The Green RCA Plug is the Video Loop out.
If needed - This will allow you to pass your video signal out to another display.**

LCD Monitor Setup – AV Cable to Camera

- Connect the yellow RCA or BNC end on the AV Cable to your cameras video out or other source.



Example of the BNC Video out on a Canon XL2 and a Sony PMW-EX3 Video Camera.

This LCD Monitor is compatible with any Canon, Sony, Panasonic and JVC Cameras including HD models as well as Digital Cameras and any other video source. Video source must have an RCA or BNC video out to output the video to the LCD monitor. Some cameras may require an adapter such as a 'Male to Male RCA Adapter' or an 'S-Video to RCA Adapter'.



Example of the Video adapter that comes with many professional video cameras. (Mini Plug to RCA/S-Video)

Note: Canon XL2 Users:

The AV jack panel next to the battery well on the right side of the XL2, you'll find an S-video jack, a BNC video jack and a yellow RCA composite video jack. There's a small switch just to the left of the BNC jack which toggles the video signal between the BNC and RCA video jacks. If you're plugged into one of these two jacks and you're not getting a signal, it's probably because this switch isn't positioned correctly. It's very tiny and kind of easy to miss! See photo above.

LCD Monitor Setup – LCD Monitor to Power

- Connect the AC Adapter to the small black end of the AV Cable.
- Plug the AC Adapter into a power outlet.



Mounting the LCD with Optional Shoe Mount



- Screw the shoe mount to the bottom of the LCD Monitor, then tighten the round nut to secure the mount to the bottom of the LCD.
- Slide the shoe mount with the LCD monitor attached onto the camera's hot shoe slot, and then tighten the round nut on the bottom of the shoe mount to secure the monitor to the LCD. You can adjust the wing nut to swivel the angle of the LCD on the camera.



Note:

Remove the square washer from the shoe mount. Do not use the rear channel on LCD to mount on a camera.



LCD Monitors On-Screen Display Settings

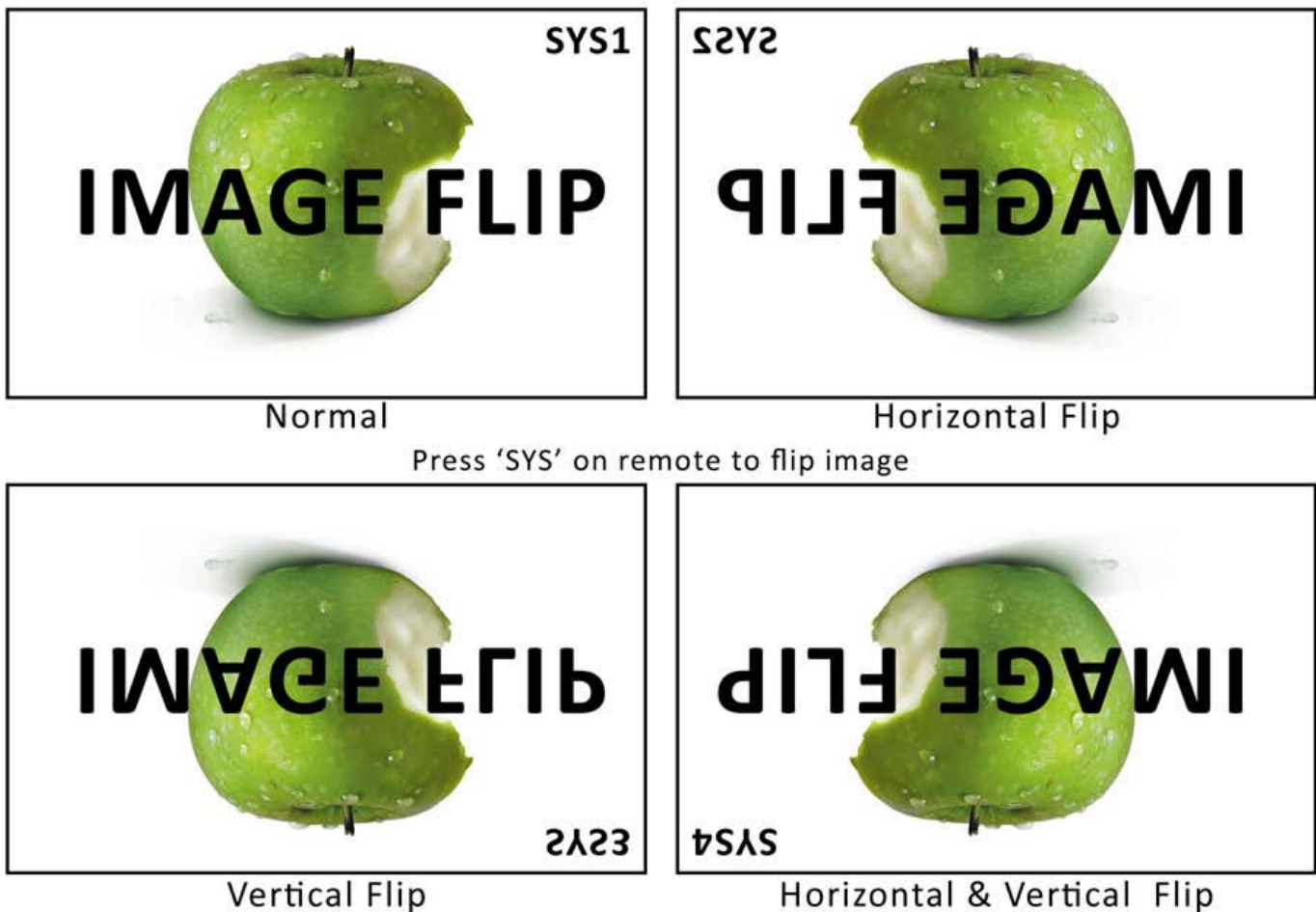
- Access the adjustment functions by pressing the M (Menu) button on the front of the LCD Monitor.
- Press the button again to cycle through the various adjustments:
- Brightness > Color > Contrast > Tint > Aspect Ratio (16:9 & 4:3)

LCD Monitors Image Flip Functions

This monitor easily switches between 16:9 and 4:3 aspect ratios and has image orientation controls where the picture can be flipped horizontally and vertically for DOF (depth-of-field) adapters.

- To flip the image, press the 'SYS' button on the remote, Repeat to cycle through the various modes.

LCD Monitor Flip Functions



Warranty

This LCD Monitor is covered with a Full 90-Day Warranty.

If you find your product to be defective within 90 days, you may exchange it for a new one. Damage caused during installation is not considered as a product defect and will not be covered by the warranty.

LCD4Video Contact & Support

It is our ultimate goal to provide all of our customers with the best customer service and support. We want to make sure that all of our customers are 100% satisfied. Please first take a look at our **Frequently Asked Questions** page on our website to see if you can find answers to your questions. For direct assistance, please feel free to contact us at:

Telephone: (734) 259-3500

Fax: (734) 462-0285

E-mail: info@lcd4video.com

Skype: LCD4Video

Address: 39050 Schoolcraft Rd.
Livonia, MI 48150

www.lcd4video.com