

# 7" HDMI LCD MONITOR

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Quick Start User Guide



**LCD4Video**

[www.lcd4video.com](http://www.lcd4video.com)

## Thank you for purchasing our 7" HD LCD Monitor

This 7" 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 cameras built-in viewfinder.

**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 Monitor. 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

## Front Panel View



- 1) Power Button (on/off)
- 2) IR Receiver for Remote
- 3) A/V Video Input Select (PC, DVI, Video 1, Video 2, HDMI)
- 4) Menu Navigation < Up/Left – Down/Right >
- 5) On-Screen Display Menu / Enter Button
- 6) Volume, Menu Adjustment ( - + )

## Rear Inputs View



1) Power In

2) HDMI In

3) AV Cable Input (VGA, RCA, Composite, DVI)

# Standard Accessories



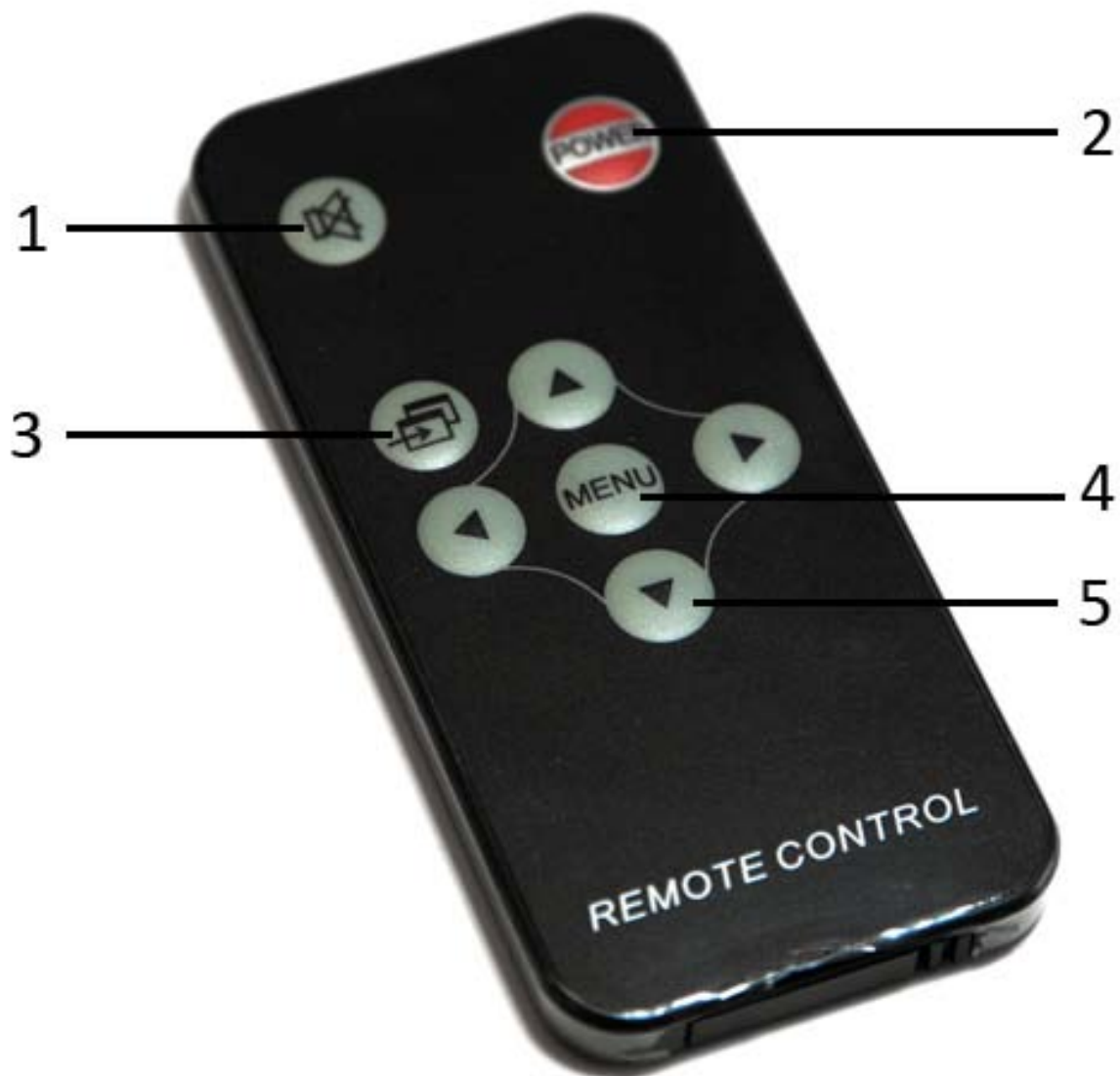
1. Remote Control
2. AC Adapter
3. HDMI Cable
4. Mini SKS - AV Cable
5. VGA Cable
6. HDMI to DVI Adapter Cable

**Other Batteries, Adapters, Mounts & Accessories Available at  
[www.lcd4video.com](http://www.lcd4video.com)**

# Specifications

- **LCD Panel Size:** 7" Diagonal
- **Brightness:** 450 CD/M<sup>2</sup>
- **Type:** a-Si TFT active matrix
- **Native Resolution:** 800 x 480 (1152000 Pixels)
- **HD Resolution:** 1920x1080 Display
- **Active Area:** 152.4mm (W) x 91.44mm (H)
- **Dot Pitch:** 0.0635mm(W) x 0.1905mm(H)
- **Aspect Ratio:** 4:3 & 16:9
- **Contrast Ratio:** 500:1
- **Light Source:** LED
- **Surface Treatment:** Anti-Glare
- **Viewing Angle:** 70/70 (left/right) and 50/70 (up/down)
- **Video Input Signal:** VGA, RCA, HDMI, DVI
- **Input:** HDMI, DVI, VGA, 2 RCA Video, RCA Audio input
- **Power:** AC / DC Power Adapter  
(Input: 100-240V, 50/60Hz, 0.60A Output: 12V, 1200mA)
- **Power Consumption:** <8 Watts
- **Speaker:** Built in, 1 Watt
- **Remote Control:** Infrared
- **Storage Temperature:** -20C to 70C
- **Operating Temperature:** -10C to 60C
- **Size:** 185.5mm x 122mm x 32mm
- **Panel Weight:** .99 lbs

## 7" HDMI LCD Monitor – Remote Control



- 1) Mute
- 2) Power Button (on/off)
- 3) A/V Video Input Select (PC, DVI, Video 1, Video 2, HDMI)
- 4) On-Screen Display Menu / Enter Button
- 5) Menu Navigation/Adjustments – Up Down Left Right + -

# 7" HDMI LCD Monitor – Cables



HDMI Cable



HDMI to DVI Adapter Cable



VGA Cable



AV Cable

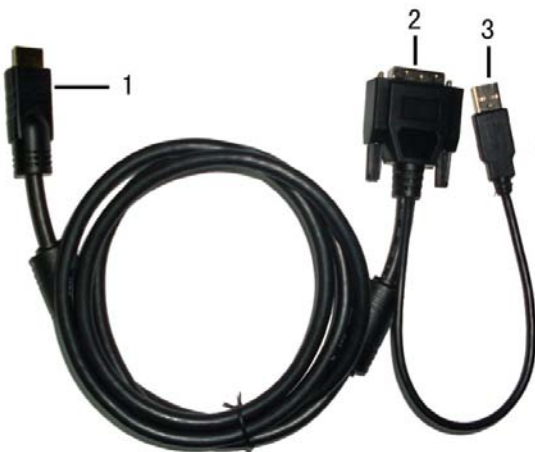
- 1) Mini S-KS Connection (Connects to LCD Monitor)
- 2) Composite RCA Inputs (Video 1 & Video 2)
- 3) RCA Audio Input
- 4) Power Input
- 5) VGA Adapter Cable Input

## Standard HDMI Cable:



1. HDMI – Connect to 7” LCD Monitor
2. HDMI – to Camera/Device with HDMI Out.  
Some Devices may require a Mini-HDMI Adapter/Cable
3. USB Plug (Not Used).

## HDMI to DVI Adapter Cable



1. HDMI Input – to LCD Monitor
2. DVI Video Plug – For Computer with DVI Output
3. USB Plug (Not Used).

## VGA Cable



1. VGA Adapter - Connects to the Round, 9-pin VGA input of AV Cable.
2. USB Plug – (Not Used).
3. 15-pin VGA Video Plug - Connect to the VGA port of a computer.

# LCD Monitor Setup – HDMI Cable to Camera

## Powering the LCD Monitor

Plug the power adapter into the power input jack located on the back/left side of the monitor. **(1)**

**\*AC Adapter, DC Adapter, AA Battery Adapter or DV Battery Adapter**

## Connecting the Camera / Video Source

**HDMI** - This monitor allows you to connect your HD camera using the HDMI cable directly to the back/left side of the monitor. **(2)**

(Some cameras may require the a Mini-HDMI to HDMI Cable or Adapter)

**Composite, RCA or VGA** - If you are using an analog video source such as VGA, DVI or Composite/RCA, you will have to connect the supplied AV Cable to the Mini SKS Connection located on the back/left side of the monitor. You can now connect the monitor to your video source with the proper cable (RCA or VGA Cable). **(3)**

(Some cameras may require the a Male to Male RCA Adapter)

**DVI** - If you are connecting the monitor to a computer with a DVI Port, you can use the HDMI to DVI Cable to connect directly to the HDMI Port located on the back/left side of the monitor. **(2)**

## Turning on the LCD Monitor

Make sure your camera is powered on and in record/playback mode.

Press the power button on the front of the LCD Monitor or on the remote control.

Press the 'A/V' Video Input Select button to select the proper video input. (PC, DVI, Video1, Video2, HDMI)



# Mounting the LCD Monitor on a Camera

You can easily mount your LCD Monitor to your camera with these *optional accessories*.

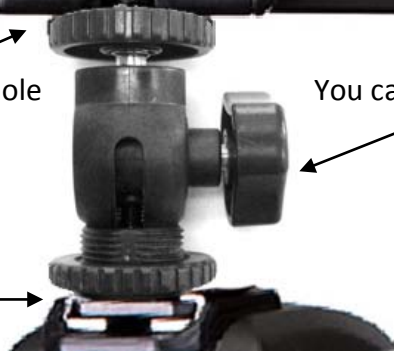
You can mount the monitor on top of your camera using a standard shoe mount.



Screw the shoe mount into the threaded hole on the bottom of the LCD Monitor and tighten securely.

You can adjust angle of the monitor with the knob on the side of the shoe.

Slide the shoe mount with the monitor attached onto your cameras shoe slot and tighten securely.



# Mounting the LCD Monitor to a Tripod

You can easily mount your LCD Monitor to your tripod with these *optional accessories*.

Pictured below is the monitor mounted to a tripod with one of our Articulating Arms and Mini clamp.



The Articulating Arms are lightweight and feature a single adjustment knob that tightens the entire arm.

Available in 4.2" & 8.3" Lengths, these can be used with the included Shoe Mount Adapter or optional Mini Clamp.

***Arms & Clamps Sold Separately – They are available at [www.lcd4video.com](http://www.lcd4video.com)***

# 7" HDMI LCD Monitor Optional Accessories



## DV Battery Adapters

Available for Canon, Sony or Panasonic DV Batteries. Compatible with most Canon "BP-900", Sony "L" Series and Panasonic "CGR-D54" Batteries. Depending on specific Battery, Run Time up to 8 Hours.



## Lithium-Ion Rechargeable Battery Kit

Lightweight, Rechargeable 12 volt, 4500mAh Lithium-Ion Battery. Includes AC Charger and Case. Run Time up to 7 Hours



## 4-pin XLR Adapter

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



## 12v DC Adapter

12 volt DC adapter will allow you to power the monitor through a Cigarette receptacle such as an external 12 volt battery pack or battery belt.



## D-Tap Power Adapter

Power Cable that allows you to power your monitor from an Anton Bauer Type battery.



## LCD Monitor Carrying Case

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



## LCD Dust Cover

A protective cloth cover that can be stretched over the entire LCD monitor.



## Sunhood

Provides shade from sunlight for enhanced viewing when shooting outdoors.

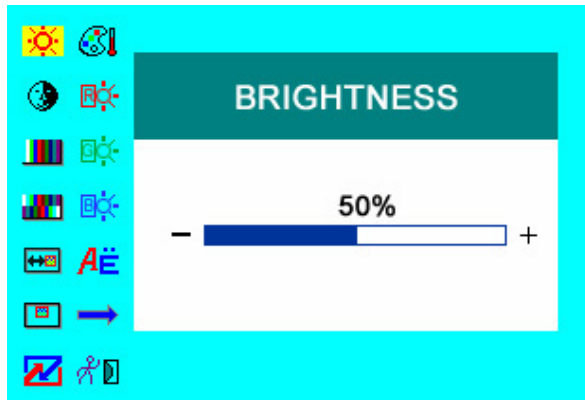
**Optional Accessories Sold Separately – Available at [www.lcd4video.com](http://www.lcd4video.com)**

# Settings & Adjustments

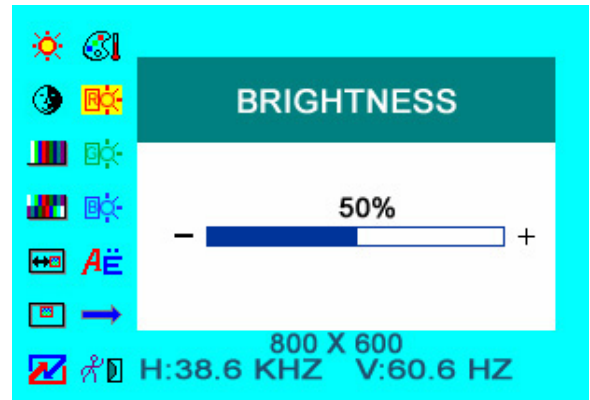
Press the 'Menu' Button to access the OSD Display.

The OSD Menu is available after the monitor is connected to a video signal and powered on.

## Monitor Connected in HDMI or DVI Video Mode



HDMI Video Mode
















DVI Video Mode

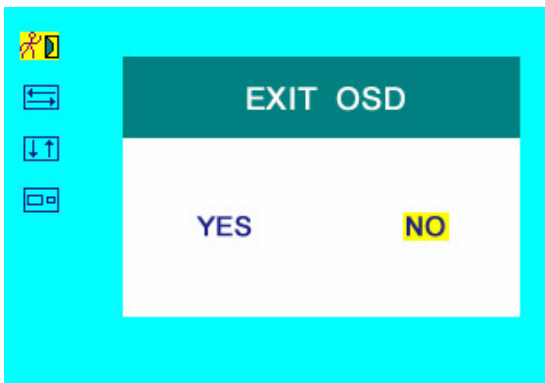
Press “ < / > ” on the LCD or “▲/▼” on the remote to navigate the OSD menu.

Press + / - on the LCD or ◀/▶ on the remote to adjust the values.


### On-Screen Display Menu Options / Settings

-  BRIGHTNESS: Adjust the Brightness Level
-  CONTRAST: Adjust the Contrast Level
-  SATURATION: Adjust the Saturation Level (Cannot Adjust in DVI/HDMI Mode)
-  TINT: Adjust the Hue of Image (Cannot Adjust in DVI/HDMI Mode)
-  OSD H-POSITION ADJUSTMENT: Adjust the OSD in Horizontal Direction
-  OSD V-POSITION ADJUSTMENT: Adjust the OSD in Vertical Direction
-  RESET: Resets the LCD's Adjustments/Settings.
-  COLOR TEMPERATURE: Select between: USER, 6500<sup>0</sup> K, 7500<sup>0</sup> K or 9300<sup>0</sup> K.  
You can adjust  RED,  GREEN and  BLUE settings separately under 'USER' Mode.
-  LANGUAGE: Select between English and Chinese
-  MISCELLANEOUS: Select to Adjust Image Flip/Orientation & Aspect Ratio Settings.

# Menu > Miscellaneous - Image Flip & Aspect Ratio



 Flips image 'Left & Right'


 Flips image 'Up & Down'




Up-Down Vertical Flip

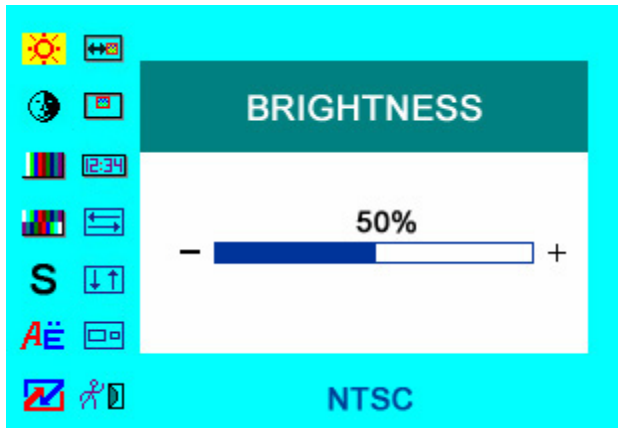


Left-Right Horizontal Flip



 Aspect Ratio Select – Switch between 4:3 and 16:9


 EXIT OSD: Select "YES" to exit menu.

## Monitor Connected in AV Video Mode




## RCA Video 1 or Video 2 Mode

Press “ < / > ” on the LCD or “  /  ” on the remote to navigate the OSD menu.


Press + / - on the LCD or  /  on the remote to adjust the values.


In AV mode – the OSD shows current video format (NTSC&PAL) below the dialog box.

## On-Screen Display Menu Options / Settings

 BRIGHTNESS: Adjust the Brightness Level

 CONTRAST: Adjust the Contrast Level


 SATURATION: Adjust the Saturation Level

 TINT: Adjust the Hue of Image

**S** SHARPNESS: Adjust the Sharpness Level

**A E** LANGUAGE: Select between English and Chinese

 RESET: you can reset adjustment of the unit when click “YES”


 OSD H-POSITION ADJUSTMENT: Adjust the OSD in Horizontal Direction


 OSD V-POSITION ADJUSTMENT: Adjust the OSD in Vertical Direction

 OSD DURATION: Adjust the duration of OSD (From 5 – 100 seconds).

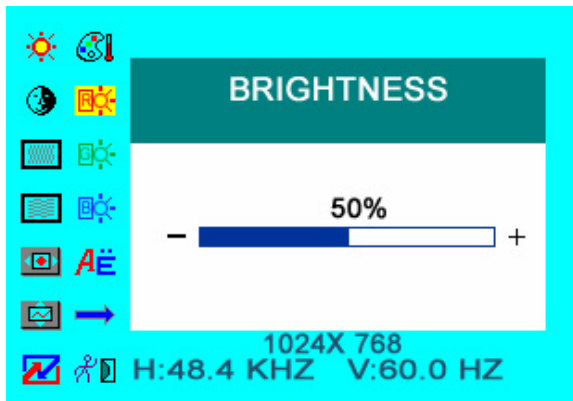
 Flips image ‘Left & Right’



 Flips image ‘Up & Down’

 Aspect Ratio Select – Switch between 4:3 and 16:9

 EXIT OSD: Select “YES” to exit menu.

## Monitor Connected in PC Video Mode



Press “ < / > ” on the LCD or “  /  ” on the remote to navigate the OSD menu.

Press + / - on the LCD or  /  on the remote to adjust the values.

In AV mode – the OSD shows current video format (NTSC&PAL) below the dialog box.

### On-Screen Display Menu Options / Settings



**BRIGHTNESS:** Adjust the Brightness Level



**CONTRAST:** Adjust the Contrast Level



**PHASE:** Adjust the beginning point and terminal point



**FREQUENCY:** Adjust the frequency range



**OSD H-POSITION ADJUSTMENT:** Adjust the OSD in Horizontal Direction



**OSD V-POSITION ADJUSTMENT:** Adjust the OSD in Vertical Direction



**RESET:** you can reset adjustment of the unit when click “YES”



**COLOR TEMPERATURE:** Select between: USER, 6500<sup>0</sup> K, 7500<sup>0</sup> K or 9300<sup>0</sup> K.

You can adjust  RED,  GREEN and  BLUE settings separately under ‘USER’ Mode.




**LANGUAGE:** Select between English and Chinese





**MISCELLANEOUS:** Select to Adjust Image Flip/Orientation & Aspect Ratio Settings.


# Menu>Miscellaneous OSD, Image Flip & Aspect Ratio



 OSD H-POSITION ADJUSTMENT: Adjust the OSD in Horizontal Direction

 OSD V-POSITION ADJUSTMENT: Adjust the OSD in Vertical Direction

 OSD DURATION: Adjust the duration of OSD (From 5 – 100 seconds).

 OSD AUTO COLOR: Automatic color adjustment

 Flips image 'Left & Right'


 Flips image 'Up & Down'




Up-Down Vertical Flip



Left-Right Horizontal Flip

 Aspect Ratio Select – Switch between 4:3 and 16:9

 EXIT OSD: Select "YES" to exit menu.

# Troubleshooting

- No Picture

Make sure your camera is powered on. Make sure correct video input is selected. Make sure the video cable is connected to your camera.

(Do not use 3<sup>rd</sup> party power adapters to power the Monitor)


- Bad or Abnormal Colors

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

- Remote Control Not Working

Make sure the battery is installed properly and not low.

Make sure to aim at front of monitor and the signal is not blocked by obstructions.

- You can reset all settings by going into the "MENU" and choose  to reset.
- The USB connection is only used to enable the touch screen function of the monitor when connected to a Computer. If the touch screen isn't working, Make sure you are using the touch pen that is seated on the back side of the monitor. Also check the USB cable is connected and the touch drivers are installed on your computer.

# LCD4Video One (1) Year Limited Warranty

LCD4Video's warranty obligations for this hardware product are limited to the terms set forth below:

LCD4Video warrants this hardware product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, LCD4Video will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product.

A replacement product or part assumes the remaining warranty of the original product purchase date. When a refund is given, the product for which the refund is provided must be returned to LCD4Video and becomes LCD4Video's property.

## **EXCLUSIONS AND LIMITATIONS**

This Limited Warranty applies only to hardware products manufactured by or for LCD4Video. The Limited Warranty does not apply to any non-LCD4Video hardware products or any software, even if packaged or sold with LCD4Video hardware. Manufacturers and/or suppliers other than LCD4Video, may provide their own warranties to the end user purchaser.

Any damage caused during installation is not considered as a product defect and will not be covered by this warranty. LCD4Video does not warrant that the operation of the product will be uninterrupted or error-free due to any type of power failure or installation issues. LCD4Video is not responsible for damage arising from failure to follow instructions relating to the product's use.

This warranty does not apply: (a) to damage caused by use with non-LCD4Video accessories or products; (b) to damage caused by accident, abuse, misuse, abnormal voltage, flood, fire, earthquake or other external causes; (c) to damage caused by operating the product outside the permitted or intended uses described by LCD4Video; (d) to damage caused by service performed by anyone who is not a technician of LCD4Video; (e) to a product, part or accessory that has been modified to alter functionality or capability without the written permission of LCD4Video; (f) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship; (g) to cosmetic damage, including but not limited to scratches, dents and broken plastics; or (h) if any LCD4Video serial number has been removed or defaced.

In the case of a defect within the Warranty Period, please contact the LCD4Video for an Valid RMA# and a speedy replacement for your LCD4Video product.

[www.lcd4video.com](http://www.lcd4video.com)