The new LCD343 CCTVMate Test Monitor with re-chargeable battery provides a simple method at a very economical cost to test video on HD-TVI, AHD and standard analogue PAL and NTSC cameras.

The LCD343 comes with an LCD 4.3 inch screen, TVI coaxitron compatibility, a plug top charger, wrist strap, multi-lead for video inputs, a 12vDC 800 m/A power output via a 2.1mm jack plug to power a camera and 2 phono to BNC converters.

Features

- HD-TVI, AHD and Analogue video input
- 4.3” TFT LCD screen
- TVI 3 (up to 3 MPX) and Coaxitron compatibility
- Includes rechargeable Lithium Ion battery
- 12v DC 800 m/A output to power camera
- PAL / NTSC auto switch
- 1080P and 720 HD resolution compatibility
- Colour bar video generator

Multi Video Input and 12v DC Power Out Lead

Accessories

- One Video 3 way USB input lead for
  HD TVI in / Analogue in / AHD in and
  12v DC 800 m/A output on 2.1 Jack Socket
- Two Phono to BNC adaptors
- One 3 pin UK plug top charger
- One Velcro wrist strap

Safety Information

1. Store in cool and dry conditions.
2. Avoid direct sunlight as this can increase temperature and damage battery.
3. Handle the unit with care as LCD TFT screen is fragile.
4. Do not place objects on the LCD monitor.

Front View

The LCD343 has a 4.3” LCD display 480 x 272 pixels.

The controls on the front of the LCD monitor are for entering the camera menu on HD-TVI using the Coaxitron feature and not applicable to analogue or AHD cameras.

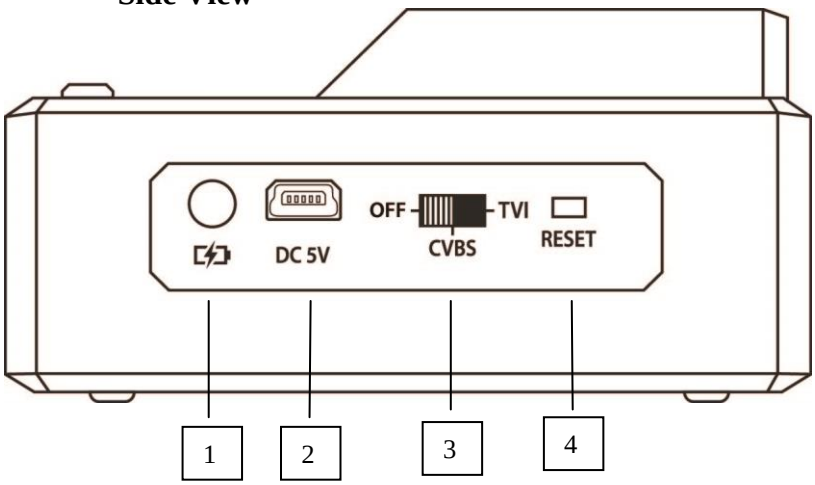
1. The Power LED displays red when the battery charger is connected.

2. The unit is powered by an internal Lithium Ion battery 3.7v DC. The plug top charger connects to the DC 5V mini USB. This is 110v AC ~ 220v AC input and outputs 5v DC 1A.

3. The slider switch can be set to OFF, CVBS (analogue) or TVI. AHD cameras also use the TVI setting.

4. The RESET button can be used to reset the battery when powering a camera from this monitor.

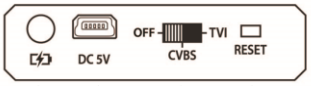
Side View



Top View

The Multi Video Input and 12v DC Power Out Lead is fitted to the 3 in 1 multi-pin USB connector on the top of the LCD monitor. The red video phono is the HD connection and the yellow is the analogue CVBS connection. You can connect the phono to BNC connector to convert to BNC.

Charging the LCD343



1. Connect the Plug Top charger (110v AC ~ 220v AC input and outputs 5v DC 1A) into the monitor DC 5V mini connector. The Power LED displays red when the battery charger is connected.

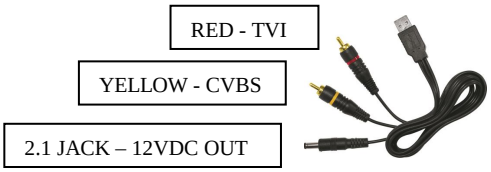
2. The unit is powered by an internal Lithium Iron battery 3.7v DC. The charge time is up to 7 hours. When fully charged the led will turn to green. The LCD343 will run for up to 6 hours on a full charge.

3. If the battery is run flat, it will require charging for a few minutes, before the test monitor will switch back on. The monitor will not display just because the charger has been connected.

4. If the battery pack fails, do not replace with an alternative as this will void the warranty. Contact your supplier.

Operation

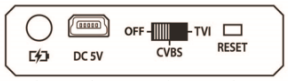
1. This monitor has no internal menu but if using a TVI HD camera which has the coaxitron facility, menu access can be undertaken using the keys on the front of the monitor.



2. Connect the Multi Video Input and 12v DC Power Out Lead to the 3 in 1 multi-pin USB connector on the top of the LCD monitor. The red video phono is the HD-TVI connection and the yellow video phono is the analogue CVBS connection. You can connect the phono to BNC connector to convert to BNC.

3. If the camera is a 12vDC camera and rated below 800mA, you can power the camera using 12vDC from the monitor. Use the 2.1mm Jack on the multi-lead.

4. Now slide the small slider switch to either CVBS for analogue or TVI for HD-TVI or AHD.



25/30/50/60 fps, 720P v 2.0 25/30 fps, 1080P v 1.0 25/30

Only connect either an analogue or HD camera at the same time.

The monitor converts the video signal on CVBS to PAL, but if NTSC will output that instead.

NOTE: A colour bar is displayed when first connected to an HD camera and after 3 seconds will display video. If colour bar continues, then no video signal is detected.

Coaxitron

Although the monitor does not provide any menu facility if using HD TVI cameras, you can use the Coaxitron facility to enter the camera menu. If you click on the Menu button this should display the camera menu and access is via the standard arrow and function buttons.

Wrist Strap

Included in the LCD343 accessories is a wrist band that is very useful for monitoring video when perched on a ladder.

Powering cameras via the LCD343

The monitor has a built in safety feature when powering a 12vDC camera that is rated at under 800mA draw, with the multi input/output power lead. If the unit detects a short circuit or power surge the battery will be automatically disconnected to prevent damage. To re-activate the battery, remove camera and then press the '**Reset**' button.

Note: If the battery level is too low, you will not be able to activate the battery. Before activating you will need to recharge the device.

LCD343 Technical Specifications	
LCD Display	4.3" TFT LCD Monitor
Resolution	480 x 272
Rechargeable Battery	18650mAH 3.7v DC Lithium Ion
Battery Charger	Input 110 ~ 240v AC Output 5v DC 1A charger
Charge Time	7 hours
Monitor Run Time	Up to 6 hours
Inputs	TVI 3.0, AHD & Analogue via multi input/output lead
Output	12v DC 800 mA via multi input/output lead
Front Control Panel Buttons	Arrow direction keys – Left, Right, Up and Down, Menu, Zoom, Focus and Iris buttons
Power Consumption	3 watts
Dimensions	118 x 90 x 48mm

WEE/CG0783SS

This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.