

SONY



LMD-9050

LCD 8.4-inch monitor

The new LMD-9050 is 8.4 inch LCD monitor aimed at broadcast and professional applications.

LMD-9050 is a one-piece style monitor for HD/SD multi-format capability. It can be AC, DC, or battery driven so that it can be hand-held, situated on a desk, or mounted in standard racks.

Control buttons, input and output, monitor stand are all combined with the LCD panel to achieve an all-in-one design.

With high-grade LCD panel, the LMD-9050 offers a range of interfaces on its rear panel, from analogue composite, analogue component or digital HD-SDI.

LMD-9050 is designed to meet a wide range of picture monitoring demands in professional applications such as broadcast stations, OB vehicles, post-production studios, and digital photo studios.

Features

Input Versatility

The LMD-9050 provides all inputs as standard, keeping the unit simple and clean. For typical SD video monitoring, the LMD-9050 offers interfaces for analogue composite (NTSC/PAL), analogue component, RGB (525/60i and 625/50i) Y/C (S-Video) and SD-SDI. The multiformat LMD-9050 also accepts a variety of progressive SD and HD formats through its HD-SDI interface.

AR (anti reflection) Coated Protection Panel

The LMD-9050 uses a robust AR-coated protection layer, which minimises the chance of the panel being scratched during transportation – an extremely important criteria for use in the field or in any mobile application. The AR coating additionally has two unique characteristics: it provides

a high transmission rate of the internal light source to keep the picture as bright as possible, and it keeps reflection from ambient light to a minimum. As a result, when used in bright lighting conditions, high contrast is still maintained even in dark areas of the picture.

Advanced Marker Settings

The LMD-9050 can display various area markers, including a centre marker and aspect markers. The brightness of these markers can be selected from three different levels, white, grey, and dark grey, and their width can be selected from FINE, STANDARD, and BOLD. What's more, users can select either a black or grey matte to fill the outer area of the aspect markers. These flexible marker controls together with the choice of many different aspect markers, make the LMD-9050 monitor extremely convenient for a variety of shooting scenarios.

Selectable Scan Size for Video Input and Aspect Ratio

The screen size can be selected between 5% over-scan, 0% zeroscan and -3% underscan modes. The aspect ratio can be switched between 16:9 and 4:3 according to input signals.

Three Colour Tally

The tally lamp can be lit up via a parallel remote connector and the status of the signal displayed on the monitor can be identified by tally colour - red, green or amber.

Benefits

Superb Picture Reproduction

This LCD monitor provides high-resolution pictures for very demanding broadcast and production applications.

Excellent Brightness and Contrast

The LMD-9050 provides high-brightness and high-contrast images by use of the wide aperture LCD panel. In addition, the use of precisely manufactured RGB colour filters allows this monitor to reproduce colours with stunning depth and saturation –creating highly natural images.

Wide Viewing Angle

The LCD panel has a wide viewing angle of 170 degrees, horizontally and vertically enabling images to be viewed from various positions and angles.

Compact and Energy-Saving Design

Power Consumption is as follows:
 - with DC operation : Approx. 24W
 - with AC Adaptor operation : Approx. 28W

Parallel Remote Control

The hand-held type monitor can be controlled remotely via their parallel remote connector. There are 27 functions in the remote menu (such as ability to switch input signals), of which seven can be allocated to the connector.

Convenience and Flexibility

Control buttons, input and output, and monitor stand are all combined with the LCD panel to achieve an all-in-one design. Slim, lightweight design of the LCD monitor provides outstanding installation flexibility.

Technical Specifications

Supplied Accessories

Using the CD-ROM Manual x 1
 CD-ROM x 1
 Operation Instructions x 1
 AC adaptor x 1
 AC power cord* x 1

Accessories

Rack Mount Kits



MB-525

Mounting Bracket For LMD-9050



MB-528

Mounting Attachment For LMD-9050

ENG kits



VF-509

Monitor ENG Kit for 8.4-inch LMD

Compatible Products

HDCAM



HDW-730S

HD camcorder, offering 2.2 million pixels per colour, HDCAM recording and is switchable between 50i and 59.94i operation.



HDW-F900R

HD CineAlta camcorder, offering 2.2 million pixels per colour, HDCAM recording and switchable between multiple frame rates including 50i, 24P and 25P. View-

finder not supplied.

SONY**HDW-750P**

HD camcorder, offering 2.2 million pixels per colour, HDCAM recording and is switchable between 50i and 25P scanning.

**HDW-750PC**

HD camcorder, offering 2.2 million pixels per colour, HDCAM recording and is switchable between 50i and 25P scanning (with colour viewfinder)