LMD-2110W
Professional LCD Monitor

The LMD-2110W is a 21.5-inch* full HD-resolution (1920 x 1080 pixels) multi-format professional LCD monitor. A cost-effective entry-level professional monitor, it incorporates high-purity colour filters and a 10-bit digital signal processing engine to deliver stunning colour reproduction and natural grey scale.

In addition to conventional analogue SD input interfaces, the LMD-2110W is equipped with an HDMI interface as standard, and is ideal for a wide range of professional high-definition applications, such as entry-level nonlinear editing, studio source monitoring, surveillance, and various other simple picture monitoring tasks.

* 547-mm viewing area, measured diagonally.

//High Picture Performance

Full HD-resolution (1920 x 1080) LCD panel
The 21.5-inch full HD-resolution LCD panel reproduces lifelike images.

High-purity Colour Filters
The LMD-2110W monitor provides high-brightness, high-contrast images thanks to its 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.

109% Peak White and 10-bit Signal Processing
Incorporating high-purity RGB colour filters and a 10-bit signal processing engine, the LMD-2110W monitor offers stunning 109% peak white reproduction without clipping and a smooth grey scale along CRT-like gamma.

Minimized Picture Delay
Picture delay can be minimized for audio synchronization. Selecting LINE DOUBLER in I/P mode, the signal processing (I/P conversion) period is less than one field (0.5 frames).
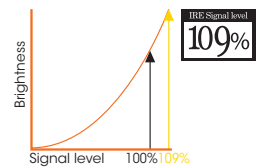
//Input Versatility

The LMD-2110W is equipped with a full range of analogue SD inputs including analogue composite NTSC/PAL, Y/C (S-Video), 525i/625i component, and RGB. This monitor can also handle SD-SDI input using an optional BKM-320D SD-SDI input adaptor. Furthermore, it offers an HD signal input capability via the HDMI and analogue component interface.
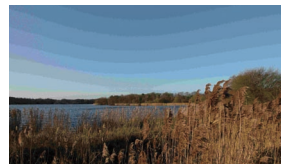
High-purity colour image

Grey-scale image

109% peak-white

8-bit (256-level) image

10-bit (1024-level) image

//Operational Convenience
- Marker function (Center, 16:9, 4:3)
- Scan setting (Normal (0%), Over (5%), Full scan)
- Colour temperature and gamma mode selection
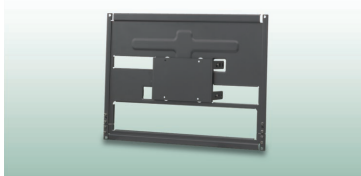- Aspect setting
- External parallel remote control

//Mounting Flexibility
- VESA mounting (100 x 100 mm)
- EIA-standard 19-inch rack mountable with an optional MB-529 rack-mount bracket

//Specifications

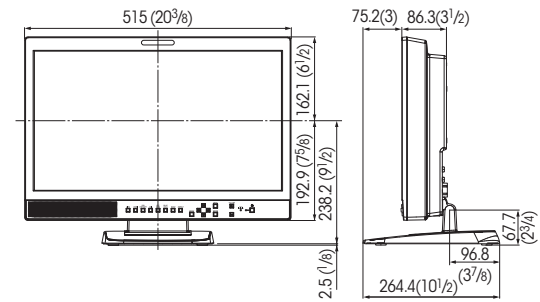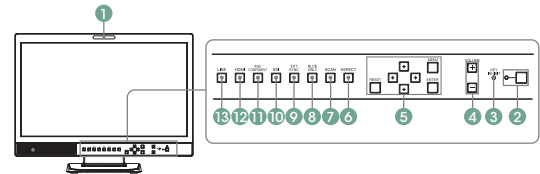|	LMD-2110W
Picture Performance	
Type	α-Si TFT Active Matrix LCD
Resolution	1920 x 1080 pixels
Effective picture size (H x W) (diagonal)	477 x 268 mm (18 7/8 x 10 5/8 inches), 547 mm (21 5/8 inches)
Aspect	16:9
Colours	Approx. 16.7 million colours
Viewing angle	170°/160° (typical) (horizontal/vertical contrast>10:1)
Input	
Composite	BNC (x1), 1.0 Vp-p ±3dB sync negative
Y/C	Mini DIN 4-pin (x1)
	Y: 1.0 Vp-p ±3dB sync negative,
	C: 0.286 Vp-p ±3dB (NTSC burst signal level),
	0.3 Vp-p ±3dB (PAL burst signal level)
RGB, Component	BNC (x3)
	RGB : 0.7 Vp-p ±3dB (sync on green, 0.3 Vp-p sync negative)
	Component : 0.7 Vp-p ±3dB
	(75% chrominance standard colour bar signal)
HDMI	HDMI (x1)
Audio	Phono jack (x2), −5 dBu 47 kilohms or higher
	OPTION AUDIO IN: Phono jack (x1), −5 dBu 47 kilohms or higher
External sync	BNC (x1), 0.3 Vp-p to 4 Vp-p negative polarity binary
Option in connector	D-sub 9-pin (x1), female
Parallel remote	Modular connector 8-pin (x1) (pin-assignable)
Output	
Composite	BNC (x1), loop-through, with 75 ohms automatic termination
Y/C	Mini DIN 4-pin (x1) loop-through, with 75 ohms automatic termination
RGB, Component	BNC (x3), loop-through, with 75 ohms automatic termination
External sync	BNC (x1), loop-through, with 75 ohms automatic termination
Audio monitor out	Phono jack (x2), loop-through
Speaker (built-in)	0.5 W (mono)
General	
Power requirements	AC 100 V to 240 V, 50/60 Hz
Power consumption	Maximum approx. 56 W, 1.0 A to 0.5 A
Operating temperature	0°C to 35°C (32°F to 95°F)
	Recommended: 20°C to 30°C (68°F to 86°F)
Operating humidity	30% to 85% (no condensation)
Storage and transport temperature	-20°C to +60°C (-4°F to +140°F)
Storage and transport humidity	0% to 90%
Operating, storage and transport pressure	700 hPa to 1060 hPa
Dimensions (W x H x D) (with stand)	515 x 403 x 264 mm (20 3/8 x 15 7/8 x 10 1/2 inches)
Dimensions (W x H x D) (without stand)	515 x 355 x 86 mm (20 3/8 x 14 x 3 1/2 inches)
Mass	8.6 kg (18 lb 15 oz)
Mass (without stand)	6.9 kg (14 lb 19 oz)
Accessories supplied	AC power cord (1), AC plug holder (1), Operating Instructions (1),
	CD-ROM (1), Using the CD-ROM Manual (1), Warranty book (1)

//Optional Accessories

MB-529
Mounting Bracket

BKM-320D
SD-SDI Input Adaptor

//Dimensions

Unit: mm (inches)

515 (20³/₈)   75.2(3) 86.3(3¹/₂)

162.1 (6¹/₂)
192.9 (7⁵/₈)
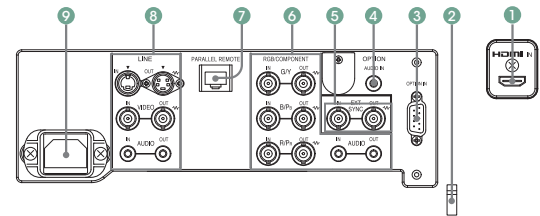238.2 (9¹/₂)
2.5 (¹/₈)
67.7 (2³/₄)
96.8 (3⁷/₈)
264.4(10¹/₂)

//Front Panel

❶Tally lamp ❷standby swich and indicator
❸KEY INHIBIT indicator ❹VOLUME buttons
❺Menu operation buttons ❻ASPECT select button
❼SCAN select button ❽BLUE ONLY button
❾EXT SYNC (external sync) button ❿SDI button
⓫RGB/COMPONENT button ⓬HDMI button ⓭LINE

//Connector Panel

❶HDMI IN connector ❷HDMI cable holder
❸OPTION In connector ❹OPTION AUDIO In (Phono jack)
❺EXT SYNC In/Out (external sync) (BNC)
❻RGB/COMPONENT (BNC), Audio (Phono jack)
❼PARALLEL REMOTE (modular connector)
❽LINE [composite (BNC), Y/C (Mini DIN 4-pin),
   Audio (Phono jack)]
❾AC In

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