LMD-2110W
Professional LCD Monitor

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

In addition to conventional analog 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, desktop viewing, 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 life-like images.

High-purity Color 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 color filters allows this monitor to reproduce colors with stunning depth and saturation – creating highly natural images.

109% Peak White and 10-bit Signal Processing
Incorporating high-purity RGB color filters and a 10-bit signal processing engine, the LMD-2110W monitor offers stunning 109% peak white reproduction without clipping and a smooth gray 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 analog SD inputs including analog 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 analog component interface.
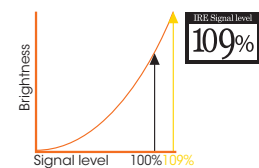
*(Viewable area, measured diagonally)

(On-screen, 8-bit and 10-bit images simulated)

High-purity color image

Gray-scale image

109% peak-white

Brightness
IRE Signal level
109%
Signal level   100% 109%

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)
• Color 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

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//Specifications

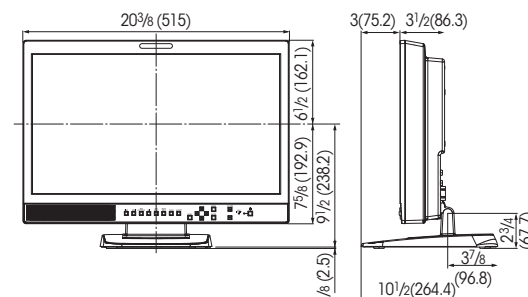|	LMD-2110W
Picture Performance	
Type	a-Si TFT Active Matrix LCD
Resolution	1920 x 1080 pixels
Effective picture size (H x W) (diagonal)	18 7/8 x 10 5/8 inches (477 x 268 mm), 21 5/8 inches (547 mm)
Aspect	16:9
Colors	Approx. 16.7 million colors
Viewing angle	170°/160° (typical) (horizontal/vertical 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 color 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	32°F to 95°F (0°C to 35°C)
	Recommended: 68°F to 86°F (20°C to 30°C)
Operating humidity	30% to 85% (no condensation)
Storage and transport temperature	-4°F to +140°F (-20°C to +60°C)
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)	20 3/8 x 15 7/8 x 10 1/2 inches (515 x 403 x 264 mm)
Dimensions (W x H x D) (without stand)	20 3/8 x 14 x 3 1/2 inches (515 x 355 x 86 mm)
Weight	18 lb 15 oz (8.6 kg)
Weight (without stand)	14 lb 19 oz (6.9 kg)
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)

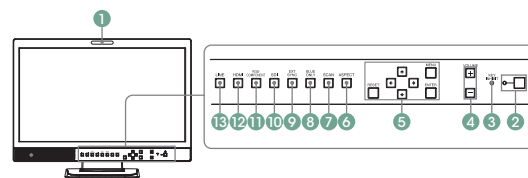# //Optional Accessories

MB-529
Mounting Bracket

BKM-320D
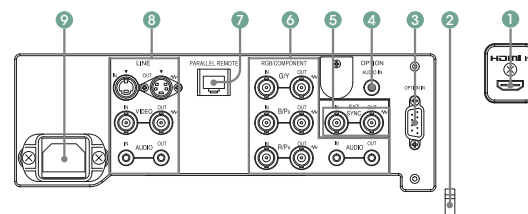SD-SDI Input Adaptor

//Dimensions

Unit: inches (mm)

20 3/8 (515)   3(75.2)   3 1/2(86.3)
6 1/2 (162.1)
7 5/8 (192.9)
9 1/2 (238.2)
1/8 (2.5)
3 7/8 (96.8)
2 3/4 (67.7)
10 1/2(264.4)

//Front Panel

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

//Connector Panel

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