



LMD-4251TD / LMD-2451TD

Professional 3D LCD Monitors

From movies to sporting events and live concerts, nothing adds impact and realism like stereoscopic 3D. But high-quality 3D isn't easy. It demands meticulous camera matching and vigilant monitoring. To pull it off, you need to watch carefully. And now you've got the tools. Sony, a leader in 3D content creation, proudly presents our first High Grade LUMA® 3D monitors.

The LMD-4251TD and LMD-2451TD feature screens of 42" and 24" (viewable area, measured diagonally). These professional monitors generate 3D images through a micro-polarizer filter attached to the LCD panel. Each monitor is supplied with circular polarizer 3D glasses. Wearing these lightweight 3D glasses, you can enjoy smooth, uninterrupted viewing of multiple monitors.

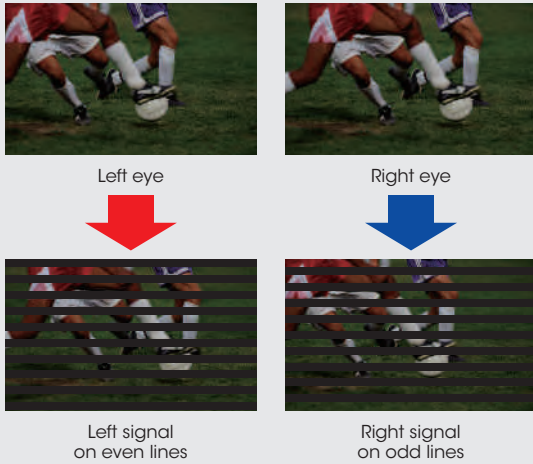
In addition to their 3D capabilities, these models incorporate Sony's exclusive ChromaTRU™ color matching technology, Full HD resolution (1920 x 1080) and superbly wide viewing angle. Powerful options include a dual-stream HD-SDI interface to support signals including 1080/59.94i, 1080/50i, 1080/24PsF, and 1080/23.98PsF.

It's easier to meet the 3D challenge when you work with true 3D professionals. Sony's LMD-4251TD and LMD-2451TD.

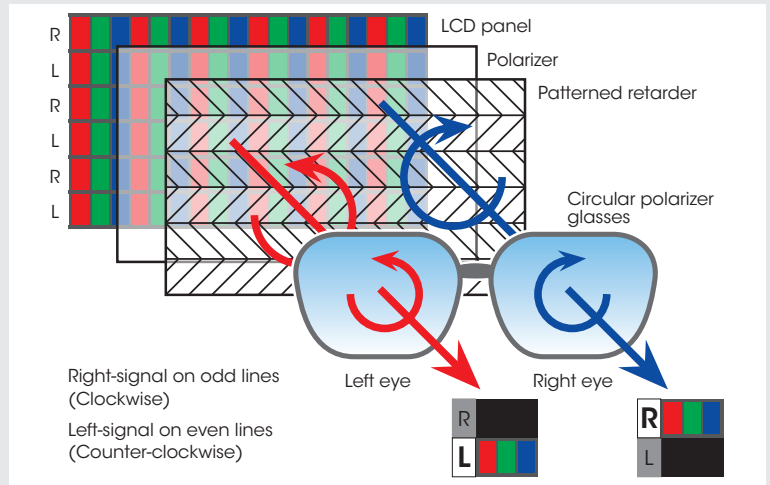
LUMA
Professional LCD Monitor



3D Signal processing



Principle of 3D Circular polarizer



LMD-4251TD



LMD-2451TD

Features (tentative)

- High-resolution full HD professional monitors
LMD-4251TD: 1920 x 1080 pixel resolution
LMD-2451TD: 1920 x 1200 pixel resolution
- Micro-polarizer 3D filter
- Circular polarizer 3D glasses
- Wide viewing angle achieved with an IPS panel
- ChromaTRU color matching technology
- Consistent quality, functionality, and operability – essential for professional monitors
- Dual stream HD-SDI support*
- Both 3D monitors can be used as 2D monitors, and their features are compatible with those of current LMD-50/51W Series monitors

* An optional BKM input adaptor is required.

3D Signal Formats (tentative)*1

- 3D signals on 3G-SDI (Level B)*2
- Dual stream HD-SDI: 1080/60i, 50i, 24PsF, 720/60p, or 720/50p*2
- Field sequential HD-SDI: 1080/30PsF, 25PsF, or 24PsF*2
- DVI: Line-by-line 1920 x 1080/60p, 50p

*1 All 3D signals are displayed on screen pixel-to-pixel.

*2 An optional BKM input adaptor is required.

Specifications (tentative)

	LMD-4251TD	LMD-2451TD
Picture Performance		
Type	a-Si TFT Active Matrix LCD	a-Si TFT Active Matrix LCD
Resolution	1920 x 1080 pixels (Full HD)	1920 x 1200 pixels (WUXGA)
Effective Picture Size (H x W) (Diagonal)	36 3/4 x 20 3/4 inches (930 x 523 mm) Approx. 42 inches (1067 mm)	20 1/2 x 12 7/8 inches (518.4 x 324.0 mm) 24 1/4 inches (613.2 mm)
Aspect	16:9	16:10
Colors	Approx. 16.7 million colors	Approx. 16.7 million colors
Viewing Angle	TBA	TBA
Input		
Composite	BNC (x1)	BNC (x1)
Y/C	Mini DIN 4-pin (x1)	Mini DIN 4-pin (x1)
RGB, Component	BNC (x3)	BNC (x3)
DVI-D	DVI-D (x1) TMDS single link	DVI-D (x1) TMDS single link
HD15	D-sub 15-pin (x1)	D-sub 15-pin (x1)
Audio	Phono jack (x2) (L, R)	Phono jack (x2) (L, R)
External Sync	BNC (x1)	BNC (x1)
Option slot	2 slots	2 slots
Parallel remote	Modular connector 8-pin (x1) (Pin-assignable)	Modular connector 8-pin (x1) (Pin-assignable)
Serial remote	D-sub 9-pin (RS-232C) (x1), RJ-45 modular connector (Ethernet) (x1)	D-sub 9-pin (RS-232C) (x1), RJ-45 modular connector (Ethernet) (x1)
DC in	-	DC 24 V
Output		
Composite	BNC (x1)	BNC (x1)
Y/C	Mini DIN 4-pin (x1)	Mini DIN 4-pin (x1)
RGB, Component	BNC (x3)	BNC (x3)
External Sync	BNC (x1)	BNC (x1)
Audio monitor out	Phono jack x 2 (L, R)	Phono jack x 2 (L, R)
Speaker (Built-in)	1.0 W + 1.0 W (stereo)	1.0 W + 1.0 W (stereo)
General		
Power Requirement	AC 100 V to 240 V, 50/60 Hz	AC 100 V to 240 V, 50/60 Hz DC 24 V
Dimensions (W x H x D)	40 3/8 x 24 1/4 x 5 inches (1027 x 616 x 130 mm)	23 3/4 x 19 5/8 x 10 3/4 inches (602.4 x 497.9 x 269.9 mm)
Weight	TBA	TBA
Supplied accessories	TBA	TBA

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