



Sony LMD2050WHD 20" High Grade LUMA LCD with BKM-243HS HDSDI Board

The LMD-2050WHD is a package model consisting of the LMD-2050W and the BKM-243HS HD-SDI input module. The LMD-2050W is a 20-inch LCD professional video production monitor positioned at the top of the LUMA series. The monitor offers the latest DSP (Digital Signal Processor), the market-proven ChromaTRU color matching technology, and the high functionality for which Sony professional video monitors are renowned. The monitor accepts a variety of signals in both analog and digital, and HD and SD formats. Digital HD-SDI and SD-SDI interfaces are provided as options. The LMD-2050W is the best suited LCD monitor in its class for broadcast and post-production applications.

Highlights:

- Includes BKM-243HS HD-SDI input module
- High Resolution 1680x1050 (WSXGA+) LCD Panel
- Multi-Format Signal Support up to 1080/60P (when using DVI-D input)
- Signal-interface options for SD-SDI and HD-SDI signals
- Accepts 25 factory preset computer signals via HD-15 input
- High Purity Color Filters
- Accurate Gamma and Stable White Balance - ChromaTRU color Processing
- Sophisticated I/P Conversion
- Excellent Brightness and Contrast
- Extremely wide 178 degree viewing angle
- Advanced Marker Settings
- Color Temperature Selection (9300K, 6500K or user)
- Selectable Scan Size for Video Input and Aspect Ratio
- Three-color Tally (Red, Green or Amber)

- Smart APA (Auto Pixel Alignment) for Computer Input
- Parallel Remote Control
- Stereo Audio Monitoring
- Key-Inhibit Function helps prevent inadvertent operation from the control panel
- EIA608 Closed-Caption Decoder for close captioning monitoring via composite and component inputs
- 19-inch EIA rack mount via MB-529 Mounting Bracket
- 100mm x 100mm VESA standard allows more flexible mounting solutions
- Waveform Monitoring built-in
- Audio-Level metering
- Picture by Picture mode
- H/V Delay Function
- ACC Off
- 24 Volt DC Operation
- Blue-Only Mode
- Monochrome Mode
- Auto Chroma/Phase Setup
- Serial Remote (Ethernet, RS-232C, Parallel Remote)
- DVI-D Input
- The LMD2050WHD comes standard with the BKM243HS HDSDI/SDI Input Module.

Features	Benefits of Renting Sony LUMA 2050WHD from Rentfusion
Multi-format Signal Support	The LMD-2050W accepts almost any SD or HD video format, both analog and digital. These include composite NTSC and PAL, component 480/60i and 575/50i, progressive 480/60P and 576/50P, and high-definition 1080/60i, 1080/50i, 720/60P, 1080/24P, 1080/25P and 1080/30P. They also accept 1080/24PsF and 1080/25PsF. Standard interfaces include analog composite, analog component and RGB and Y/C. Additional inputs can be added by using option boards. The LMD-2050W also accepts various types of analog and digital computer signals via the standard HD-15 and DVI-D interfaces respectively
ChromaTRU Color Processing	For an extra level of color reproduction accuracy, every LCD panel used in the LMD-2050W is precisely color calibrated at the factory, providing characteristics consistent with those of CRT displays. The ChromaTRU process allows the LMD-2050W to exhibit a color consistency such as SMPTE-C, ITU-709 with a simple menu selection.
Sophisticated I/P Conversion	The LMD-2050W uses a motion adaptive I/P conversion process to achieve conversion results that are optimized to the picture content - whether it is static or dynamic. Highly accurate I/P conversion is provided regardless of signal resolution, for example, whether the input is HD or SD.
Extremely Wide Viewing Angle	A 178 degree horizontal and vertical viewing angle provides virtually no reduction in picture contrast, color saturation, and hue shift. This allows precise images to be clearly viewed from various positions and angles - a critical requirement in professional video monitoring.

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