

SONY

Preliminary: New product information

LUMA
Sony Professional LCD Monitor


High-grade One Piece Type

LMD-1750W

17inch Multi-format LCD video monitor



■ Main Features

- Superb Picture Performance with high quality pictures
 - 17inch WXGA (1280 x RGB x 768)
 - Excellent Brightness and contrast
 - Wide viewing angle
- 10-bit digital processing with  ChromaTRU
 - Intelligent I/P conversion modes
- Input versatility
 - Multi-format signal support for video
 - Analog RGB and DVI-D for PC input
 - Signal interface options for flexible input configuration
- Versatile installation
 - 19" rack mount
- New functions for video
 - Two picture display in pop/pip/side-by-side
 - Wave form/ Audio Level display for quick observation

■ LMD-1750W ■ Specifications (preliminary)

Picture Performance	LCD Type	17inch a-Si TFT Active Matrix
	Resolution	1280 × R.G.B. × 768
	Pixel efficiency	99.99%
	Picture size (H×V, diagonal)	369mm × 221mm, 431mm (diagonally)
	Aspect	15 9
	Colors	approx 16.7M colors (8bits)
	Signal Processing	10 bits
	Viewing Angle	85° 85° 85° 85° (typical, up/down/left/right contrast>10:1)
Input	Composite (NTSC/PAL)	BNC × 1
	Y/C	4pin Mini DIN × 1
	RGB, Component	BNC × 3
	External Sync	BNC × 1
	Options	2 slots (refer to Input signals / input adaptor table)
	Computer	HD D-sub 15 pin × 1, DVI-D* (TMDS Single Link)×1 * w/HDCP
	Audio	RCA pin × 2 (L, R)
	Parallel remote	Modular connector 8 pin × 1 (function assignable)
	Serial remote (LAN)	10BASE-T/100BASE-TX, RJ-45 × 1
DC in	XLR type 4pin × 1. DC12V	
Output	Composite	BNC × 1, Loop-though, automatic 75Ω termination
	Y/C	4pin mini DIN × 1 Loop-though, automatic 75Ω termination
	RGB / Component	BNC × 3, Loop-though, automatic 75Ω termination
	External Sync	BNC × 1, Loop-though, automatic 75Ω termination
	Audio monitor out	RCA pin type × 2 (L, R)
	Speaker (Built-in)	1.0W + 1.0W (stereo)
General	Power requirement	AC100V~240V, 50/60Hz, xxA - xx0A
	Power consumption	TBD
	Operating Temperature	TBD
	Operation Humidity	TBD
	Storage & Trans. Temperature	TBD
	Storage & Trans. Humidity	TBD
	Operating/Storage/Trans.Pressure	TBD
	Dimensions (W/H/D) excluding projection parts	TBD
	Mass	TBD
	Supplied Accessories	Operating Instruction, Warranty Card, CD-ROM, AC cord, Ac plug holder
Optional Accessories	BKM-220D, BKM-243HS, BKM-227W, BKM-229X 19" Rack Mount adaptor (MB-530), Display Stand (SU-561)	

■ Video Signal Format / Input signals / Input Adaptors

	Composite, Y/C	RGB/ Component	BKM-220D	BKM-243HS	BKM-227W *3	BKM-229X *3
575/50i(PAL)	○	○	○	○	○	○
480/60i(NTSC) *1	○	○	○	○	○	○
576/50p	-	○				○
480/60p	-	○				○
1080/24PsF *1	-	○*2		○		○
1080/25PsF	-	○*2		○		○
1080/24p *1	-	○*2		○		○
1080/25p	-	○*2		○		○
1080/30p *1	-	○*2		○		○
1080/50i	-	○		○		○
1080/60i *1	-	○		○		○
725/50p	-	○*2		○		○
725/60p *1	-	○		○		○

*1...compatible with 1/1,001 frame rate *2...for component
*3...Options for additional requirement of analog inputs

■ Input adaptors (option)

4:2:2: SDI 2 input adaptor
BKM-220D

HD/4:2:2SDI 2 Input adaptor
BKM-243HS

NTSC/PAL Input adaptor
BKM-227W

Analog component input adaptor
BKM-229X