

LMD-181MD

LMD-151MD

LCD Monitor

The Sony LMD-181MD and LMD-151MD LCD monitors are designed specifically for medical environments. Resulting from years of experience in video technology with professional monitors, the LMD-181MD and LMD-151MD offer uncompromising performance. The monitors comply with key safety requirements and are ideal for use in endoscopy, surgery, patient monitoring, radiology and more. Slim and light, they can be used in many installations - fixed to a wall or ceiling, mounted on a standard arm or installed on the optional stand.



LMD-181MD

- Natural color reproduction
- High clarity
- High brightness
- Wide viewing angle
- Slim and light
- Fluid-resistant structure
- Protected controls
- Advanced ergonomic design
- APA (Auto Pixel Alignment)
- Selectable aspect ratio and HD center 4:3 zoom for video input

SONY®



Sony Medical

LMD-181MD and LMD-151MD

Specifications

LMD-181MD

LMD-151MD

PICTURE PERFORMANCE

LCD panel

Type	a-Si TFT Active Matrix LCD with a double-layer AR-coated protection panel	
Resolution	1280 dots x 1024 dots	1024 dots x 768 dots
Dot pitch	0.2805 x 0.2805 mm ($\frac{1}{32} \times \frac{1}{32}$ inches)	0.297 x 0.297 mm ($\frac{1}{32} \times \frac{1}{32}$ inches)
Picture size (HxW) approximate (Diagonal)	379 x 287 mm (15 x 11 $\frac{1}{8}$ inches) 18.1-inch (460 mm)	304 x 228 mm (12 x 9 inches) 15.0-inch (380 mm)
Aspect	5:4	4:3
Colors	16,770,000 colors	16,190,000 colors
Viewing angle	85°/85°/85°/85° (U/D/L/R Contrast >10:1)	
Overscan	0%/5%/10% (video input)	

INPUT/OUTPUT

Computer

Analog RGB input	HD D-sub 15-pin (female)	
R	0.7 Vp-p, 75 Ω, positive	
G	0.7 Vp-p, 75 Ω, positive	
B	0.7 Vp-p, 75 Ω, positive	
Scanning Frequency (horizontal)	24 kHz to 73 kHz	24 kHz to 73 kHz (up to XGA)
Scanning Frequency (vertical)	48 Hz to 85 Hz (up to 60 Hz for SXGA signals)	48 Hz to 85 Hz

Plug & Play

DDC-2B

Video/High Definition

1 option slot for input Adaptors

Scanning Frequency (horizontal)	15 kHz to 45 kHz (video input only)
Scanning Frequency (vertical)	48Hz to 60 Hz

Audio in

Stereo mini jack, -5 dBu, more than 47 kΩ

PARALLEL remote

D-sub 9 pin

Speaker out

Stereo (1 W + 1 W)

DC output

12 V/0.2 A

GENERAL

Power requirement	AC 100 to 240 V ± 10%, 50/60 Hz	
Power consumption	0.9 A to 0.5A	0.7 A to 0.4A
Operating temperature	0°C to 40°C (32°F to 104°F)	
Storage temperature	-10°C to 40°C (14°F to 104°F)	
Operating/storage humidity	30% to 85%	
Operating/storage pressure	700 hPa to 1060 hPa	
Dimensions (W x H x D)	432 mm x 395 mm x 124 mm (17 $\frac{1}{4}$ x 15 $\frac{5}{8}$ x 5 inches)	393 mm x 338 mm x 114 mm (15 $\frac{1}{2}$ x 13 $\frac{3}{8}$ x 4 $\frac{1}{2}$ inches)
Mass	7.0 kg (15lb 7 oz)	6.0 kg (13lb 4 oz)

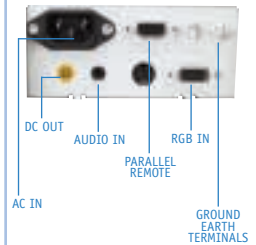
REGULATION COMPLIANCE

UL2601-1, CSA C22.2 No. 601.1-1, EN60 601-1, FCC Class A, IC Class A, CE (MDD), C-Tick, Ergonomic

ACCESSORIES

Supplied accessories	AC Cable, Plug Holder (2), Instructions for use
Optional accessories	Monitor Stand SU-557/LMD-66X, Input Adaptor BKM-120D/127W/129X

Connector Panel



Control Panel



Sonoma Health

Sonoma Health Products
5909 Van Keppel Road
Forestville, CA, 95436
707-887-2974

SONY

Sony Electronics Inc.
1 Sony Drive, Park Ridge, NJ 07656

www.sony.com/medical

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All non-metric weights and measures are approximate. Sony is a trademark of Sony.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician or other appropriately licensed medical professional.
Caution: See product labeling for indications, contraindications, warnings, cautions and directions for use.

ME-LMD181MD