



Shown with optional stereo speakers



The MLM300 LCD monitor represents the new standard of excellence in display technology for professional applications. Providing uncompromising performance in a sleek design, the MLM300 will make a lasting impression today and in years to come.

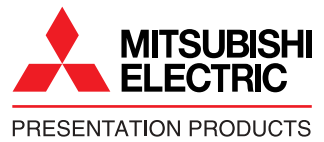
## Ultra-Thin, High Resolution LCD Monitor For Professional Imaging And Display Applications

The MLM300 from Mitsubishi Digital Electronics is a 30" (29.5" viewable) LCD monitor combining superior image clarity, exceptional brightness and reliable, long-life operation all in an ultra-thin design. With longer life, greater installation flexibility, and better overall performance, the MLM300 LCD monitor offers significant advantages over more expensive, shorter-lived plasmas.

- Versatile, long-lasting solution for a wide range of signage and information display applications such as transportation centers, hotel lobbies, reception centers, restaurants, corporate boardrooms, and more.
- Exclusive, award-winning ColorView Natural Color Matrix for rich, vivid colors
- True WXGA 1280 x 768 resolution for exceptional viewing of 16:9 widescreen and 4:3 conventional formats
- Super bright at 450 cd/m<sup>2</sup> for bold, detailed imagery even in high ambient light environments
- Ergonomically designed to connect to any VESA-standard third-party mounting arm or bracket and an overall lightweight construction for easy transport and installation
- Landscape or portrait orientation for greater application flexibility
- Optional 2 x 7-watt stereo speakers available
- Comprehensive warranty and toll-free technical support

# MLM300

30-Inch (29.5" viewable) LCD Monitor



LCD Monitor Specifications			
		Analog Input	Digital Output
LCD Module	Viewable	(29.5"/75cm diagonal)	
	Pixel Pitch	0.5025 mm	
	Resolution	1280 x 768 dots (WXGA)	
	Color	Over 16 million colors	
	Brightness	450cd/m <sup>2</sup> (Typ.)	
Frequency (PC Input)	Viewing Angle	Up 85 / Down 85 / Left 85 / Right 86 (typ) @ CR > 10	
	Horizontal	31.5 kHz - 49.0 kHz, 64.0 kHz: SXGA, (15.75 kHz)	31.5 kHz - 48.4 kHz
		75.0 kHz: UXGA	
	Vertical	58.0 - 62.0 Hz	58.0 - 62.0 Hz
Pixel Clock	25.0 MHz - 162.0 MHz		25.0 MHz - 65.0 MHz
Viewable Size	25.32 x 15.19" (643.2 x 385.92 mm)		
Input Signal	PC Input		
	Video	Analog RGB 0.7V p-p Input Impedance 75 Ohm Composite sync on Green Video :0.3p-p Neg (video 0.7p-p Positive)	TMD5
	Sync	Separate: TTL(Positive/Negative), Input Impedance 2.2K Ohm	
	Input Terminal	BNC (R, G, B, H, V)	DVI-D (Digital)
	Signal Cable	15 pin Mini D-sub	
	Video Input	Composite 1.0 V p-p Input Impedance 75 Ohm BNC and RCA Input Y/C Y:0.7V p-p C:0.283V p-p input impedance 75 Ohm S-Terminal Input Component 1.0/0.7V p-p input impedance 75 Ohm BNC Input	
	Audio Input	RCA Pin Jack L/R 2 Input, Stereo Mini Jack 1 Input	
Control Input	9 pin Mini D-sub (RS-232C)		
Power Supply	1.85A @ 100-120V, 0.9A @ 220-240V		
Operational Environment	Temperature	41-105 °F (5-40 °C)	
	Humidity	10-80% (without condensation)	
Storage Environment	Temperature	-68 - 122 °F (-20 - 50 °C)	
Dimensions (W x H x D)	Net	27.8 x 17.7 x 4.5" (706 x 449 x 114 mm) (without stand)	
	Gross	27.8 x 19.3 x 7.9" (706 x 489 x 200 mm) (with Stand)	
Weight	Net	35.2 lbs / 16.0 kg	
	Gross	44.1 lbs / 20.0 kg	
Vesa compatible arm mounting interface	7.87 x 3.94" (200mm x 100mm) (6 Hole) 3.94 x 3.94" (100mm x 100mm) (4 Hole)		
Compiled Regulatory Guidelines	UL1950 / CSA C22.2 No. 950 / TUV-GS / EN60950 FCC-B/DOC-B/EN55022-B/EN61000-3-2/ENG-3-3/CE		
Power Management	VESA DPMS		
Plug & Play	VESA DOC2B, DDC/CI		
Resolutions Supported	640 x 480 at 60 Hz		
	800 x 600 at 60 Hz		
	1024 x 768 at 60 Hz		
	1280 x 768 at 60 Hz		
	Mitsubishi recommends resolution at 60 Hz for optimal display performance		
	NTSC / PAL		
	HDTV: 480i, 480p, 720p, 1080i		
Warranty	1-year parts and labor included		
Accessories	Standard	User's Manual, Power Cord, Video Signal Cable, Remote Control, AA Battery x 2, Clamper x 2, Screw x 2, CD-ROM, Ferrite Core x 2, Band	
	Optional	Detachable 2 x 7-watt stereo speakers (Part No. MS300), Wall mount with tilt (Part No. CTM-VESA)	

## Optional MS300 Speakers

**Power:**  
7W +7W @ 8 Ohms with 10% THD

**Frequency Response:**  
150-15 kHz

**Dimensions (Net) (WxHxD):**  
3.0 x 17.7 x 3.9" (75 x 449 x 100 mm) each speaker

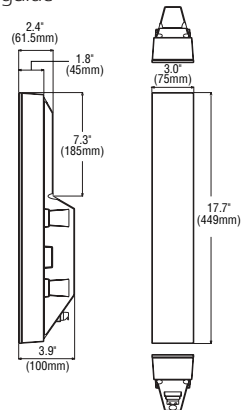
**Weight (Net):**  
1.6 lbs. (0.7 kg) each speaker

**Dimensions (Gross) (WxHxD):**  
21.4 x 7.9 x 10.6" (544 x 202 x 270 mm) each speaker

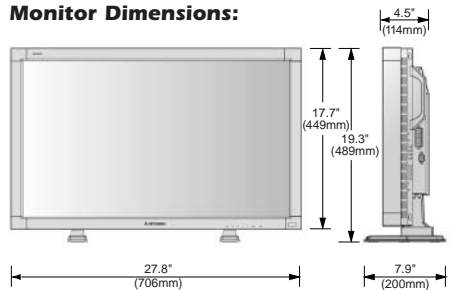
**Weight (Gross):**  
6.2 lbs. (2.8 kg) each speaker

**Contents:**  
Speaker MS300 x 2  
Speaker wire (1500 mm) x 2  
Landscape mounting brackets x 4  
Portrait mounting brackets x 4  
Black speaker screws x 8, Black LCD screws x 4, Band, Ferrite core, Quick start guide

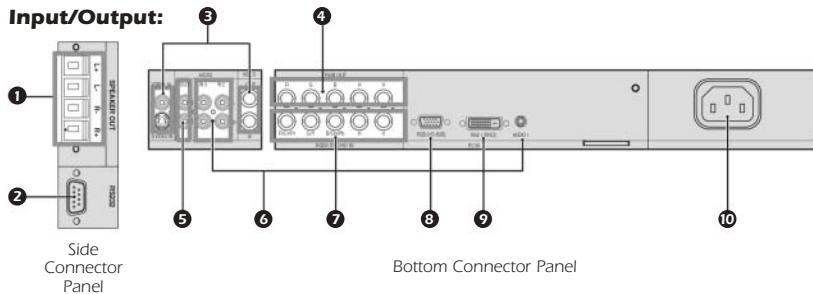
### Speaker Dimensions:



### Monitor Dimensions:



### Input/Output:



- External Speaker Terminal
- External Control (mini D-Sub 9 pin) RS232
- Video
- RGB OUT connector (BNC)
- Audio OUT
- Audio IN 1,2,3
- RGB 3DVD/HD[R/Cr/Pr, G/Y,B/Cb/Pb/Pb,H,V] (BNC)
- RGB 2 IN (mini D-Sub 15 pin)
- RGB 1 IN (DVI-D)
- AC IN connector

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