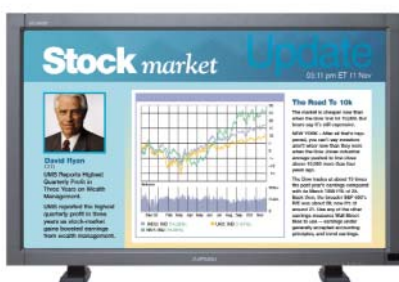




## Ultra-Thin, High Resolution LCD Monitor With a Full 40-Inch Viewable Screen For Professional Imaging And Display Applications

The MLM400 from Mitsubishi Digital Electronics is a 40" (40.0" viewable) LCD monitor combining superior image clarity, exceptional brightness and reliable, long-life operation all in an ultra-thin design. When bigger is better for large format applications, the MLM400 with a full 40-inch viewable screen is the ideal choice. With longer life, greater installation flexibility, and better overall performance, the MLM400 LCD monitor also offers significant advantages over more expensive, shorter-lived plasma screens.

- 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 detailed imagery even in high ambient lighting 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



The MLM400 LCD monitor represents the new standard of excellence in display technology for professional applications. Providing uncompromising performance in a sleek design, the MLM400 will make a lasting impression today and in years to come.

# MLM400

## 40-Inch LCD Monitor

### LCD Monitor Specifications

		Analog Input	Digital Output
LCD Module	Viewable	(40.0"/101.6 cm diagonal)	
	Pixel Pitch	0.681 mm	
	Resolution	1280 x 768 dots (WXGA)	
	Color	Over 16 million colors	
	Brightness	450cd/m <sup>2</sup> (Typ.)	
	Viewing Angle	Up 85 / Down 85 / Left 85 / Right 86 (typ) @ CR > 10	
Frequency	Horizontal	31.5 kHz - 75.0 kHz (15.75 kHz)	31.5 kHz - 48.4 kHz
	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	34.3 x 20.6" (871.68 x 523.00 mm)		
Input Signal	PC Input		
	Video	Analog RGB 0.7V p-p Input Impedance 75 Ohm Composite: TTL level (Positive/Negative) Composite sync on Green Video .0.3p-p Neg (video 0.7p-p Positive)	TMDS
	Sync	Separate: TTL(Positive/Negative), Input Impedance 2.2K Ohm	
	Input Terminal	BNC (R, G, B, H, V)	
	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	2.5A @ 100-120V, 1.1A @ 220-240V		
Operational	Temperature	41 - 104 °F (5-40 °C)	
Environment	Humidity	10-80% (without condensation)	
Storage	Temperature	-68 - 122 °F (-20 - 60 °C)	
Environment	Humidity	10-90% (without condensation) / below 60% over 104 °F (40 °C)	
Dimensions (W x H x D)	Net	37.4 x 23.8 x 5.6" (949 x 605 x 141 mm) (without stand)	
	Gross	37.4 x 25.35 x 12.0" (949 x 643.9 x 306 mm) (with Stand)	
Weight	Net	69.4 lbs / 27.5 kg	
	Gross	82.7 lbs / 33.5 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-A/EN55024/EN61000-3-2/EN61000-3-3/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		
	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, Stand for independence x 2, Screw (M5 x 40) for stand, Band	
	Optional	Detachable 2 x 7-watt stereo speakers (Part No. MS300), Wall mount with tilt (Part No. CTM-370)	

### 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

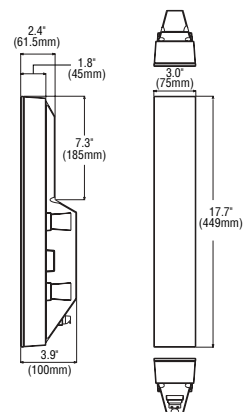
**Weight (Net):**  
1.6 lbs. (0.7 kg) each speaker

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

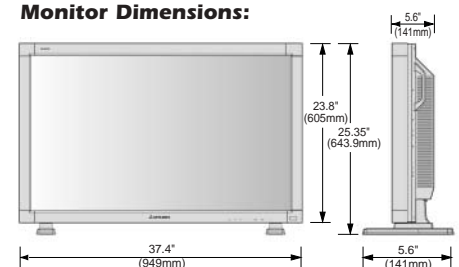
**Weight (Gross):**  
6.2 lbs. (2.8 kg) each speaker

**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  
Spacers x 4

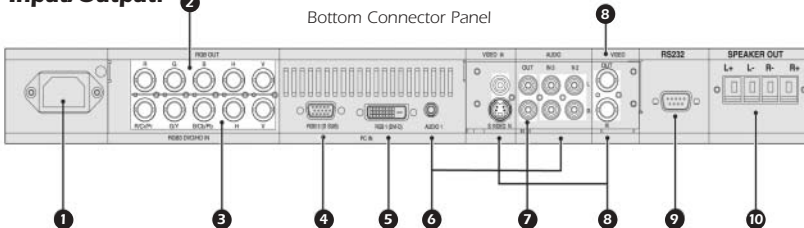
### Speaker Dimensions:



### Monitor Dimensions:



### Input/Output:



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

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### Mitsubishi Digital Electronics America, Inc.

Presentation Products Division, 9351 Jeronimo Road, Irvine, CA 92618  
Toll Free: 888-307-0349 | email: ppdinfo@mdea.com | www.mitsubishi-presentations.com

**Technical Support:** Toll Free: 888-307-0309 | Email: tsupport@mdea.com