



19"/17" 5:4 SXGA LCD Monitor

LM-193B
LM-173B

**SXGA LCD monitors in two sizes featuring
an array of input/output terminals and
functions for wide-ranging applications**



■ **High Contrast, High Resolution LCD Monitor**

The LM-193B/173B LCD monitor offers a highly detailed image with its 1280 x 1024 pixel resolution, LED backlighting, 250 cd/m² brightness, and 1000:1 contrast ratio.

Also contributing to the monitor's excellent visibility are its ability to display 16.7 million colours, and a broad viewing angle of 85°/85° horizontally and 80°/80° vertically.

■ **A Wide Range of Input and Output Terminals**

The monitor is equipped with a wide range of terminals for connecting to various sources including BNC video in/out, S-Video in, mini-DIN 4pin x1, RGB In x1, and HDMI In x1. Built-in AC power with input power terminal on the back of the panel helps to make for clean cabling and easy handling of the monitor.

■ **Lightweight and Slim Design**

The monitor is lightweight in design as the 17-inch model weighs only 3.0 kg, or 3.6 kg for the 19-inch model, both with stand. To match the compact form, the monitor is framed with an attractive slim bezel. It also features built-in 0.5W x 0.5W speakers, making it a great replacement for existing CRT monitors in a variety of applications such as monitoring and control room usage.

Other features

- Multi-language on screen menu display: English, German, French, Spanish, Norwegian, Portuguese and Japanese
- Through output capability of video input / analogue audio input

LM-193B/LM-173B

Specifications

Model No.	LM-193B	LM-173B	
Display			
Display size/type	19" (48 cm)/LCD	17" (43 cm)/LCD	
Aspect ratio	5:4		
Dot pitch (per one triad)	0.294 x 0.294 mm	0.264 x 0.264 mm	
Number of pixels	1280 (H) x 1024 (V)		
Brightness	250 cd/m ²		
Viewing angle	H: 170° (85°/ 85°), V: 160° (80°/ 80°) (typ.)		
Contrast ratio	1000 :1		
Display colour	16.7 million		
Response time	5 ms		
Terminal			
Video	Video	BNC (Input x 1, Output x 1)	
	S-Video	Input x 1, mini-DIN 4-pin	
	RGB	Input x 1, D-sub 15-pin x 1	
	HDMI	Input x 1 (type A)	
Audio	Audio input	3.5 mm stereo jack x 1	
	Audio output	3.5 mm stereo jack x 1	
	Output power	0.5 W x 2	
General			
Power source	AC 100 V – 240 V (50 Hz/60 Hz)		
Energy efficiency class	A		
Power consumption	ON mode	15 W	13 W
	Stand-by mode	0.23W	0.23 W
	Annual energy consumption	22 kWh/year *	19 kWh/year*
External dimensions	without stand (W x H x D)	418.4 x 365.1 x 60.6 mm	371.9 x 317.3 x 60.3 mm
	with stand (W x H x D)	418.4 x 412.2 x 180 mm	371.9 x 384.2 x 180 mm
Weight (net) with/without stand	3.6 kg / 3.2 kg	3.0 kg / 2.6 kg	
Rated input current	0.59 A	0.51 A	
OSD languages	English, German, French, Italian, Spanish, Norwegian, Portuguese, Japanese		
VESA mount size	100 mm x 100 mm (M4 x 6 mm)		

* Based on the power consumption of the television operating 4 hours per day or 365 days.
The actual energy consumption will depend on how the television is used.

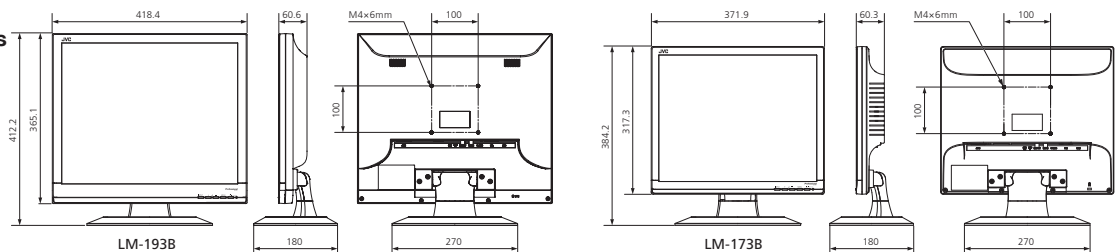
Available Signals

Signal name	Status	BNC/S-VIDEO	VGA	HDMI
PAL	PAL	✓	N	N
BW / 50	PAL	✓	N	N
NTSC(3.58)	NTSC	✓	N	N
BW / 60	NTSC	✓	N	N
480 / 60i	720 x 480	N	N	✓
480 / 59.94i	720 x 480	N	N	✓
576 / 50i	720 x 576	N	N	✓
480 / 60p	720 x 480	N	N	✓
480 / 59.94p	720 x 480	N	N	✓
576 / 50p	720 x 576	N	N	✓
720 / 60p	1280 x 720	N	N	✓
720 / 59.94p	1280 x 720	N	N	✓
720 / 50p	1280 x 720	N	N	✓
1080 / 60i	1920 x 1080	N	N	✓
1080 / 59.94i	1920 x 1080	N	N	✓
1080 / 50i	1920 x 1080	N	N	✓
1080 / 60p	1920 x 1080	N	N	✓

Signal name	Status	BNC/S-VIDEO	VGA	HDMI
1080 / 59.94p	1920 x 1080	N	N	✓
1080 / 50p	1920 x 1080	N	N	✓
640 x 400 / 70Hz	640 x 400	N	✓	✓
640 x 480 / 60Hz	640 x 480	N	✓	✓
640 x 480 / 75Hz	640 x 480	N	✓	✓
640 x 480 / 75Hz	640 x 480	N	✓	✓
720 X 400 / 70Hz	720 x 400	N	✓	✓
800 x 600 / 56Hz	800 x 600	N	✓	✓
800 x 600 / 60Hz	800 x 600	N	✓	✓
800 x 600 / 72Hz	800 x 600	N	✓	✓
800 x 600 / 75Hz	800 x 600	N	✓	✓
1024 x 768 / 60Hz	1024 x 768	N	✓	✓
1024 x 768 / 70Hz	1024 x 768	N	✓	✓
1024 x 768 / 75Hz	1024 x 768	N	✓	✓
1280 x 1024 / 60Hz	1280 x 1024	N	✓	✓
1280 x 1024 / 75Hz	1280 x 1024	N	✓	✓

✓ : Available
N : Not available

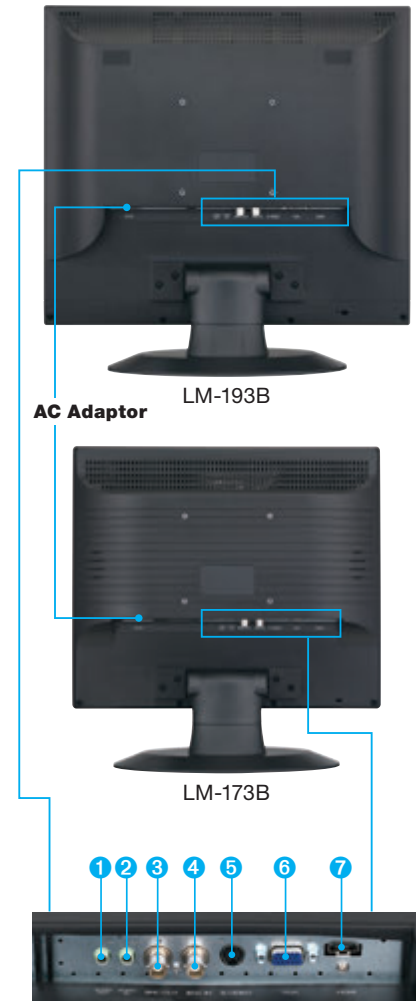
External Dimensions (Unit: mm)



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Simulated pictures.
The values for weight and dimensions are approximate.
E.&O.E. Design and specifications subject to change without notice.



Terminals

- 1 Audio output (3.5 mm stereo jack)
- 2 Audio input (3.5 mm stereo jack)
- 3 BNC output
- 4 BNC input
- 5 S-Video input (mini-DIN 4-pin)
- 6 VGA input (RGB; D-sub 15-pin)
- 7 HDMI input (type A)

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