MD Series Commercial LED LCD Displays

Allow us to be direct: everyone can now afford LED technology.



MD Series Commercial LED LCD Displays Bring Affordability to Advanced Technology

Samsung makes it possible for any business to enjoy the benefits of LED backlight technology, with an acquisition price comparable to CCFL-backlit displays. Easy to transport and install, our lightweight MD Series can deliver up to 50% energy savings compared to typical CCFL-backlit displays (depending on screen size). The MD Series features screen sizes of 32", 40", 46" and 55", offering slim bezels of just 17.5 mm/21.5mm bottom (MD32: 16.5 mm/20.5mm bottom), for a sleek, stylish look. And an embedded USB media player with MagicInfo Lite software means no external media player is required. **Business. Innovated.**

Direct-Lit LED Technology

Direct-lit LED technology provides the brilliance and energy savings of LED technology, while also providing the uniform brightness typical of CCFL displays. Users can upgrade to LED technology for a cost comparable to CCFL technology.

High-Resolution Screen

5,000:1

MD Series displays feature 1920 x 1080 resolution with 350 nits brightness and 5000:1 contrast ratio, for sharp, detail-rich images and crisp, easily legible type.

Narrow Bezel

MD Series displays feature narrow bezels of just 17.5mm/.68" with a bottom bezel of 21.5mm/.84" (MD32: 16.5mm/.64" with a bottom bezel of 20.5mm/.80"). Narrow bezels provide a sleek, sophisticated look while providing maximum viewing area.

Embedded Media Player with MagicInfo Lite

USB

The MD Series offers an embedded media player (USB Plug and Play with MagicInfo Lite software). Users can play media without an additional player, and can easily display or schedule video clips, slide shows and image files.

Energy Savings

The Samsung MD series Direct-lit LED displays deliver a lower TCO with up to 50% lower power consumption than traditional CCFL technology.

MD32B • MD40B • MD46B • MD55B
32" • 40" • 46" • 55" Commercial LED LCD Displays

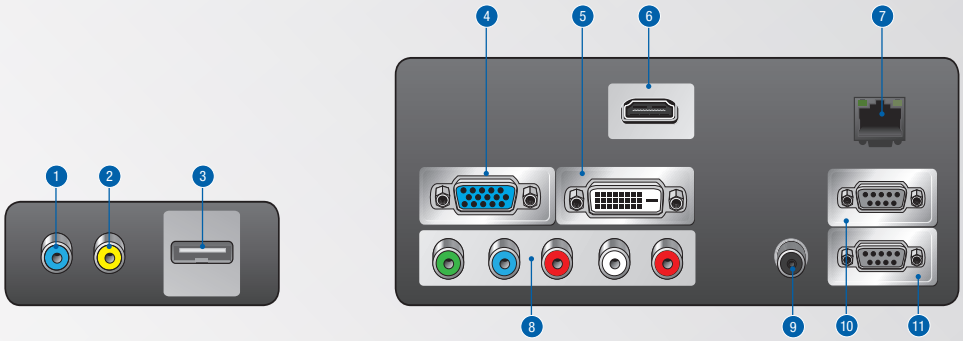


KEY SPECIFICATIONS For complete product specifications, visit samsung.com/prodisplay

	Model Number	MD32B	MD40B	MD46B	MD55B
Display	Screen Size	32"	40"	46"	55"
	Panel Technology	60Hz (Direct-LED Backlight)	60Hz (Direct-LED Backlight)	60Hz (Direct-LED Backlight)	120Hz (Direct-LED Backlight)
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Brightness	350 nits	350 nits	350 nits	350 nits
	Contrast Ratio (Typical)	5000:1	5000:1	5000:1	5000:1
	Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°	178°/178°	178°/178°
	Response Time	8ms	8ms	8ms	8ms
Connectivity	Input	VGA (D-SUB), DVI-D (Dual Link), Component, Composite, HDMI, Stereo Mini Jack, USB, TV-in	VGA (D-SUB), DVI-D (Dual Link), Component, Composite, HDMI, Stereo Mini Jack, USB, TV-in	VGA (D-SUB), DVI-D (Dual Link), Component, Composite, HDMI, Stereo Mini Jack, USB, TV-in	VGA (D-SUB), DVI-D (Dual Link), Component, Composite, HDMI, Stereo Mini Jack, USB, TV-in
	Output	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
	External Control	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C(in/out), RJ45
Power	Power Supply	AC 100 - 240 V (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption (Typical/Max)	50W / 94W	87W / 119W	94W / 136W	124W / 164W
	Power Consumption (Standby)	Less than 1W	Less than 1W	Less than 1W	Less than 1W
Environmental Conditions	Operating Temperature	32°C - 104°F	32°C - 104°F	32°C - 104°F	32°C - 104°F
	Operating Humidity	10 - 80%	10 - 80%	10 - 80%	10 - 80%
Features	Special	Built-in MagicInfo Lite software, Built-in speaker (10W + 10W), USB port (Plug and Play), PIP/PBP	Built-in MagicInfo Lite software, Built-in speaker (10W + 10W), USB port (Plug and Play), PIP/PBP	Built-in MagicInfo Lite software, Built-in speaker (10W + 10W), USB port (Plug and Play), PIP/PBP	Built-in MagicInfo Lite software, Built-in speaker (10W + 10W), USB port (Plug and Play), PIP/PBP
	Integrated Tuner	Yes	Yes	Yes	Yes
	Media Player Type	Embedded Linux OS, 4GB FDM, Optional external media player (SBB-A setback box, not mechanically attachable)	Embedded Linux OS, 4GB FDM, Optional external media player (SBB-A setback box, not mechanically attachable)	Embedded Linux OS, 4GB FDM, Optional external media player (SBB-A setback box, not mechanically attachable)	Embedded Linux OS, 4GB FDM, Optional external media player (SBB-A setback box, not mechanically attachable)
	VESA Standard Wall Mount Interface	200 x 200mm	200 x 200mm	400 x 400mm	400 x 400mm
Dimensions	Product Dimensions (without stand)	28.9" x 17.1" x 3.7"	36.4" x 21.3" x 3.7"	41.6" x 24.2" x 3.7"	49.1" x 28.5" x 3.75"
	Packaging Dimensions	32.5" x 20.9" x 6.4"	39.6" x 24.2" x 5.9"	45.4" x 28.5" x 6.5"	54.4" x 33.0" x 6.7"
	Bezel Width	16.5mm (.64"), bottom 20.5mm (.80")	17.5mm (.68"), bottom 21.5mm (.84")	17.5mm (.68"), bottom 21.5mm (.84")	17.5mm (.68"), bottom 21.5mm (.84")
Weight	Product Weight	13.9 lbs	20.5 lbs	26.8 lbs	40.5 lbs
	Shipping Weight	17.6 lbs	25.7 lbs	32.3 lbs	51.7 lbs
Service	Standard Warranty	3-year onsite parts and labor	3-year onsite parts and labor	3-year onsite parts and labor	3-year onsite parts and labor
Accessories	Included	Quick Setup Guide, Warranty card, Application CD, D-sub cable, Power cord, Remote controller, Batteries	Quick Setup Guide, Warranty card, Application CD, D-sub cable, Power cord, Remote controller, Batteries	Quick Setup Guide, Warranty card, Application CD, D-sub cable, Power cord, Remote controller, Batteries	Quick Setup Guide, Warranty card, Application CD, D-sub cable, Power cord, Remote controller, Batteries
	Optional Mount	WMN-4070SD	WMN-4070SD	WMN-4270SD	WMN-4270SD
	Optional Stand	STN-L32D	STN-L32D	STN-L4055AD	STN-L4055AD
Green Management	Emission Standard	EMC	EMC	EMC	EMC
	Energy Star 5.0 Compliant	Yes	Yes	Yes	Yes
	RoHS Compliant	Yes	Yes	Yes	Yes
	Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

CONNECTIVITY

1. Stereo Mini Jack In
2. Stereo Mini Jack Out
3. USB 2.0
4. VGA In
5. DVI In
6. HDMI In
7. RJ45 LAN
8. Component/ Composite Video
9. Antenna In
10. RS232 In
11. RS232 Out



For complete product information and accessories, visit samsung.com/prodisplay or samsung.com/business

SAMSUNG

Product Support: 1-800-SAMSUNG
1-866-SAM-4BIZ

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ENERGY STAR