400DX · 460DX · 520DX

SAMSUNG

40", 46" and 52" Professional LCD Displays

Features:

- Improved cooling of Samsung DID panel allows longer operation hours

- 700 cd/m^2 brightness with brightness sensor and 5000:1 dynamic contrast allows placement in the brightest areas

- 1920 x 1080 full HD 1080p resolution (520DX) and HDMI

- Built-in speakers mean no external speakers to install (520DX)

- Ultra-thin 20mm bezel for virtually seamless video walls, with Natural Correction mode for distortion-free video walls

460DX

520DX

Display your message longer than ever. The Samsung DX series LCD monitors feature the Samsung DID panel, with innovative cooling technology that allows you longer hours of operation. Your message will be clear and bright even in areas with high ambient light, with 700 cd/m^2 brightness and 5000:1 dynamic contrast ratio. Full HD 1080p (520DX) and HDMI ensure impactful, high-resolution images. Built-in speakers (520DX) add convenience, and the ultra-thin 20mm bezels let you create virtually seamless video walls. Impactful messages, lasting longer than ever. The Samsung DX series.

400DX
460DX
520DX

40", 46" and 52" Professional LCD Displays

Features

Built for High Usage with Reliability
The innovative Samsung DID panel incorporates cooling technologies that improve heat protection and dissipation. Lower temperatures mean longer component life and longer usage times.

High Brightness and Contrast
700 nits brightness, a brightness sensor that adjusts to ambient light, and 5000:1 dynamic contrast that adjusts based on the picture allows placement in even the brightest locations.

Full HD 1080p
The 520DX gives you full HD resolution, while all models offer HDMI and DVI connections.
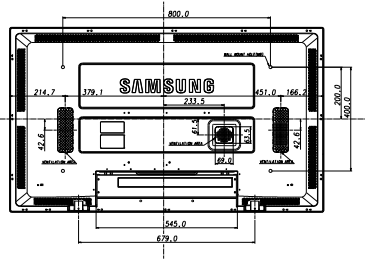
Built-in Speakers
Integrated speakers mean no external speakers to source, purchase and install.

Ultra-Thin Bezel
The ultra-thin bezel lends itself to virtually seamless video walls, while Natural mode compensates for what little bezel there is, for distortion-free video walls.

Dimensions 520DX

47.7"

28.1"

800.0

214.7   379.1   233.5   451.0   166.2

200.0   400.0

545.0
679.0

		400DX	460DX	520DX
Panel	Diagonal Size	40"	46"	52"
	Type	S-PVA (DID)	S-PVA (DID)	S-PVA (DID)
	Resolution	1366 x 768	1366 x 768	1920 x 1080
	Pixel Pitch (H x W)	0.648 x 0.648	0.745 x 0.745	0.6 x 0.6
	Brightness (Typ.)	700 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio	2000:1	2000:1	2000:1
	Dynamic C/R	5000:1	5000:1	5000:1
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Response Time (G-to-G)	8 ms	8 ms	8 ms
	Color Space (CIE1931)	72%	72%	72%
Connectivity	PC inputs	VGA/DVI/BNC	VGA/DVI/BNC	VGA/DVI/BNC
	Video Inputs	CVBS/S-Video/Component/HDMI	CVBS/S-Video/Component/HDMI	CVBS/Component/HDMI
	Network	N/A	N/A	N/A
	Speaker	10W x 2	10W x 2	10W x 2 (built-in)
Power	Power Consumption (Max)	220W	270W	370W
	Power Consumption at Stand-by (Max)	1W (Energy Saving ON)	1W (Energy Saving ON)	5W (Energy Saving ON)
	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
Mechanical Spec	VESA Mount	600 x 400 mm	600 x 400 mm	800 x 400 mm
	Cabinet Color (Color No.)	Matte Black (BK07)	Matte Black (BK07)	Matte Black (BK07)
	Weight (Set/Package)	52.2 lbs./62.8 lbs.	66.1 lbs./82.8 lbs.	81.1 lbs./103.6 lbs.
	Dimension (W/O Stand)	36.7" x 21.6" x 5.1"	42" x 25.6" x 5.1"	47.7" x 28.1" x 5.4"
	Dimension (With Stand)	36.7" x 23.8" x 12.2"	42" x 26.8" x 12.2"	47.7" x 30.6" x 12.2"
	Packing Dimension	41" x 26.3" x 12.2"	46.9" x 30" x 12"	52.7" x 33.3" x 14.0"
	Bezel Width	20 mm	20 mm	22 mm
Operation	Operating Temperature (Normal)	10°C ~ 40°C	10°C ~ 40°C	10°C ~ 40°C
	Humidity	10 – 80%	10 – 80%	10 – 80%
	MTBF	50,000 hours	50,000 hours	50,000 hours
	Regulations	Safety: UL, CSA, NOM EMC: FCC Ergonomics & Environments (option): TCO'95, TCO'99	Safety: UL, CSA, NOM EMC: FCC Ergonomics & Environments (option): TCO'95, TCO'99	Safety: UL, CSA, NOM EMC: FCC Ergonomics & Environments (option): TCO'95, TCO'99
Feature	Special Features	- Lamp Error Detection - Temperature Sensor - Built-in Fan - IR In/Out - RS232C	- Lamp Error Detection - Temperature Sensor - Built-in Fan - IR In/Out - RS232C	- Lamp Error Detection - Temperature Sensor - Built in Fan - BNC In/Out - RS232C
Package Contents	Manuals	Quick Setup Guide, Warranty Card, Application CD	Quick Setup Guide, Warranty Card, Application CD	Quick Setup Guide, Warranty Card, Application CD
	Cables	D-Sub, Power Cord, Speaker Wire	D-Sub, Power Cord, Speaker Wire	D-Sub, Power Cord
	Others	Remote Controller, BNC to RCA Jack, Batteries, Stand Hole Cover, Semi Stand	Remote Controller, BNC to RCA Jack, Batteries, Stand Hole Cover, Semi Stand	Remote Controller, BNC to RCA Jack, Batteries, Stand Hole Cover, HDD Cover
Optional Accessories	Speaker	SP-L400DB(S)	SP-L400DB(S)	Built-in
	Vertical Wall Mount	WMN-5770D	WMN-5770D	WMN-5770D
	Stand	Built-in	Built-in	STN-L3257D
Green Management	Emission Standard	EMC	EMC	EMC
	RoHS Compliant	■	■	■
	Energy Star Compliant	■	■	■
	Product Recyclability	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly
	Packaging Recyclability	Packing materials recyclable	Packing materials recyclable	Packing materials recyclable

Product Information: 1-866-542-7214   www.samsungmonitors.com
Product Support: 1-800-SAMSUNG

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