

49MS75A

PANEL		SPECIAL FEATURES	
Screen Size	48.50 inches (1232.00mm) diagonal	Position/Size	No
Panel Technology	IPS	Auto Config/Phase	No
Aspect Ratio	16 : 9	Language (OSD)	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek
Native Resolution	1,920 x 1,080 (FHD)	Language (USB Playback)	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek
Pixels (H x V x 3)	6,220,800	Language (Manual)	English, French, Italian, German, Spanish, Portugues, Hungarian, Greek, Russian, Dutch, Kazakh, Ukrainian, Polish, Arabic, Indonesian, Korean, Japanese, Turkish, Czech, Taiwanese, Slovak
Brightness	300cd/m ² (700cd/m ² without mirror glass)	Language (ESG)	English, French, Italian, German, Spanish, Portugues, Greek, Polish, Czech, Slovak
Contrast Ratio	1,000:1	ISM Method	No
Dynamic CR	150,000:1	Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level
Color Gamut	72%	Time	Clock, On/Off Time, Power on Delay, Auto Off Automatic Standby
Viewing Angle (H x V)	-	Information	Model/Type, Software Version, Serial Number, IP Address, Homepage
Color Depth	1.06 Billion	Input Label	Yes (PC/DTV)
Response Time	8ms (G to G BW) typ. (TBD)	Auto Power/Source Memory	Yes
Surface Treatment	Hard Coating (3H), Anti-Glare Treatment of the Front Polarizer (Haze 10%)	Key Lock	Yes
Life Time	50,000 Hrs (TBD)	DPM Select	Yes
Orientation	Portrait & Landscape	Energy Saving	Yes (Minimum, Medium, Maxium)
VIDEO(PC)		Smart Energy Saving	Yes
Max Input Resolution	1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)	Power Indicator On/Off	No
Recommended Resolution	1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)	Logo Light On/Off	No
H-Scanning Frequency	30 ~ 83kHz (HDMI, DVI-D, Display Port, OPS)	File Play with USB	Yes
V-Scanning Frequency	60Hz (HDMI, DVI-D, Display Port, OPS)	PIP/PBP	No
Pixel Frequency	148.5MHz (HDMI, DVI-D, Display Port)	Internal Memory	16GB (System 4GB + Available 12GB)
Sync Compatability	Digital	Wi-Fi	Dongle Ready
Video Input	HDMI1, HDMI2/OPS, DVI-D, Display Port	ENVIRONMENT CONDITIONS	
Picture Mode	Vivid, Standard, APS, Cinema, Sports, Game, Expert1/2	Operation Temperature	0 °C to 40 °C
Color Temperature	Warm, Medium, Cool	Operation Humidity	10 % to 80 %
CONNECTIVITY		POWER	
Input	Digital	Power Supply	100-240V~, 50/60Hz
	Audio	Power Type	Built-In Power
	External Control	Power Switch	No
	USB	Typ.	125W
Output	HDTV Formats	Power	Smart Energy Saving
	Digital	Consumption	DPM
	Audio	Power off	0.5W
	External Control	STANDARD(CERTIFICATION)	
AUDIO	Auto Volume	Safety	UL / cUL / CB / TUV / KC
	Balance	EMC	FCC Class "A" / CE / KCC
	Audio Power	ErP / Energy Star	NA / Yes (Energy Star 6.0)
	Speaker On/Off	MEDIA PLAYER COMPATIBILITY	
PHYSICAL SPECIFICATION	Clear Voice II	Slot PC compatible (optional)	No
	Sound Mode	External Media player Attachable	Yes (MP500/MP700), KT-OPSA
	Color	SOFTWARE COMPATIBILITY	
	Bezel Width	SuperSign W/Lite	Yes
SPECIAL FEATURES	Monitor Dimension (W x H x D)	SuperSign C	Yes
	Weight (Head)	ACCESSORY	
	Monitor with Optional Stand Dimensions (W x H x D)	Accessory	Remote Controller (include battery 2ea), Power Cord, IR/Light sensor receiver, CD (Owner's Manual), HDMI Cable
	Weight (Head+Stand)	Optional Accessory	SP-2100, ST-200T, LSW440S, AN-WF500 (WiFi USB Dongle), KT-OPSA (OPS Kits), KT-SP0
MIRROR	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	Glass Coating	Transmittive Ratio: 46.0 ± 5% / Reflective Ratio: 50.0 ± 5%
	Weight (Head+Stand+Speaker)	Transmission Color Coordination	x=0.300 ± 0.03 / y=0.340 ± 0.03 (D65)
	Carton Dimensions (W x H x D)	Reflection Color Coordination	L* = 77 ± 3, a* = 2.5 ± 3, b* = -1 ± 5
	Packed Weight	Glass Thickness	2.8T
EAN	Handle	Software Feature	Screen Off Mode
	VESA™ Standard Mount Interface		
	Temperature Sensor		
	Auto Brightness sensor		
SPECIAL FEATURES	Cooling FAN		
	Tile Mode		
	Natural Mode @Tile Mode		
	Source Selection		
SPECIAL FEATURES	Brightness/Contrast/Backlight		

Technical drawing of the LG 27QN970-B monitor, showing front, side, and rear views with dimensions in mm.

Front View Dimensions:

- Total Width: 1095
- Bezel Width (Open): 1078.2
- Active Area Width: 1073.8
- Panel Width: 604
- Panel Height: 604 (Active Area)
- Bottom Bezel Height: 699.9
- Bottom Bezel Height (Open): 608.4
- Bottom Stand Height: 817.6

Side View Dimensions:

- Monitor Thickness: 34
- Stand Height: 37.3
- Base Width: 129.5

Rear View Dimensions:

- Top Mounting Hole Spacing: 347.5
- Top Mounting Hole Spacing: 400
- Top Mounting Hole Spacing: 347.5
- Right Mounting Hole Spacing: 112.6
- Right Mounting Hole Spacing: 400
- Right Mounting Hole Spacing: 112.6