

47" CLASS (46.9" DIAGONAL)

M4720CCBA

LCD  
MONITOR

## LCD Widescreen Full HD Capable Monitor



NATIVE DISPLAY RESOLUTION  
1920 x 1080 (WUXGA)

HIGH BRIGHTNESS  
700 cd/m<sup>2</sup>

CONTRAST RATIO  
1,300:1, 3,000:1 (DCR)

178° VIEWING ANGLE

VIEWING ANGLE and LIFE EXPECTANCY  
Enhanced in Portrait and Landscape Mode

NARROW BEZEL  
17.9mm

RJ-45 LAN CONTROL

RS-232C CONTROL

HDMI™/DVI WITH HDCP



ENERGY STAR® 5.0 AND RoHS COMPLIANT

CONVENIENT EXTERNAL SPEAKER-OUT

INFORMATION DISPLAY FOR SERIAL NUMBER

SPLIT ZOOM (self video wall)  
Up to 5 x 5 matrix - adjusts for bezel width

OPTIONAL HIDDEN SPEAKERS (SP0000K) &  
OPTIONAL STAND (ST1000K)

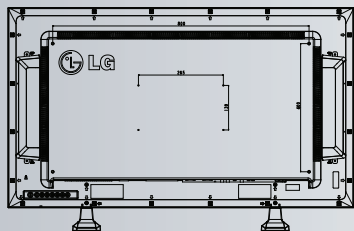
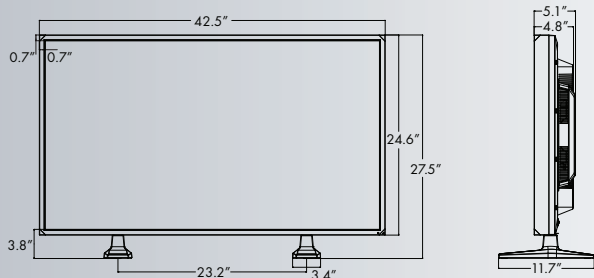
NEW! USB PLAYBACK

3-YEAR LIMITED WARRANTY  
parts/labor

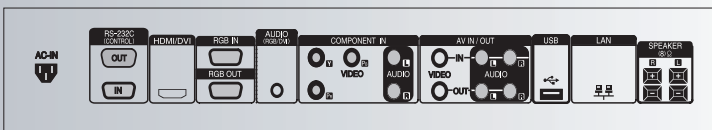
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Rear Jack Pack Panel

**PANEL**

LCD Panel Type	47"
Display Area	46.9" diagonal
Aspect Ratio	16 : 9
Native Resolution	1920 x 1080 (Full HD)
Pixels (H x V x 3)	6,220,800
Brightness	700 cd/m <sup>2</sup>
Contrast Ratio	1,300:1, 3,000:1 (DCR)
Color Gamut	72%
T <sub>ni</sub>	110 °C
Viewing Angle (H x V)	178° x 178°
Color Depth	1.06 Billion
Response Time	10ms (G to G)
Surface Treatment	Hard Coating (3H) Anti-glare
Lifetime	50,000 Hr., Portrait & Landscape

**VIDEO**

Max Input Resolution	1920 x 1080 @ 60Hz (RGB, HDMI/DVI)
Recommended Resolution	1920 x 1080 @ 60Hz (RGB, HDMI/DVI)
H-Scanning Frequency	30 ~ 83kHz (RGB, HDMI/DVI)
V-Scanning Frequency	56 ~ 75 Hz (RGB), 60 Hz (HDMI/DVI)
Pixel Frequency	148.5 MHz (RGB, HDMI/DVI)
Sync Compatibility	Separate / Composite / Digital
Video Input	RGB, HDMI/DVI
Picture Mode	Vivid/Standard/Cinema/Sports/Game/Expert1/Expert2
Color Temperature	Warm/Medium/Cool

**REAR INPUTS/OUTPUTS**

Component Video	Yes, 1 Hi-Res
PC Input via 15-Pin Sub "D"	Yes, 1 / 1
Composite Video Input/Output	1 / 1
Audio Output	Yes
Audio Inputs	Yes, 2 Plus PC Sound

## SPECIFICATIONS

HDTV Formats	Component : 720p/1080i HDMI: 720p/1080i/1080p
HDMI/DVI with HDCP	Yes
RS-232C Input/Output	1 / 1, Female-to-Female Crossed Type
RJ-45	Yes
USB	Yes
External Speaker Out	Yes
<b>AUDIO</b>	
Auto Volume	Yes
Balance	Yes
Audio Power	20W (10W x 2)
Clear Voice II	Yes
Speaker On/off	Yes
Sound mode	Standard/Music/Cinema/Sports/Game
<b>SPECIAL FEATURES</b>	
New Temperature Sensor	Yes
Split Zoom (Self Video Wall, Max 5 x 5)	Yes, supports natural mode
Source Selection	HDMI/DVI/RGB/Component/AV
Display control (RS-232C & Network, ez-Net Manager)	Single/Group WAN control, Scheduling, Instant Messaging, Self Diagnosis (Temp, FAN, Lamp, Power Detect), Alarm Service through mailing, Easy Tile mode setup, S/W upgrade via Network, USB Playback
Brightness/Contrast	Yes
Position/Size	Yes
Auto Config/Phase	Yes
Tracking	Auto/Clock/Phase
Language	English/French/Spanish/Italian/German/Portuguese/Korean/Japanese/Chinese/Russian
ISM Method	Normal/White Wash/Orbiter/Inversion
Advanced	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode
Time	Clock/On/Off Timer/Sleep Timer/Auto Off, Power On Delay
Information Display	Serial Number, MNT S/W Version, LAN S/W Version, IP Address, MAC Address
Input Label	Yes
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes
Energy Saving	Yes, Level1/Level2/Level3
Power Indicator On/Off	Yes
Logo Light On/Off	Yes
File Play with USB	Yes

**CABINET**

Color	Black
Bezel Width	17.9mm
Monitor Dimension (W×H×D)	42.5" x 24.6" x 4.8"
Monitor Weight	48.9 lbs
Monitor Dimension w/opt. stand (W×H×D)	42.5" x 27.5" x 11.7"
Weight w/opt. stand	52.0 lbs
Monitor Dimension w/opt. stand and opt. speakers (W×H×D)	42.5" x 24.6" x 5.1"
Weight w/opt. stand and opt. speakers	53.6 lbs
Carton Dimensions (W×H×D)	42.5" x 27.4" x 5.1"
Packed Weight	65.3 lbs (Full Package)
VESA™ Standard Mount Interface	800mm x 400mm, (APWX70) VESA Compatible only with respect to screw mounting interface dimensions and mounting screw specifications

**POWER**

Power Supply	100-240V~, 50/60Hz
Power Type	Built-in Power
Power Saving	
Normal	260W
DPMs	1W (RGB)/2W (HDMI)
Switch Off	0.5W

**STANDARD (CERTIFICATION)**

Safety	UL/c-UL/CB scheme/TUV
EMC	FCC Class "B"/VCCI/C-tick/CE/KCC
Erp/ENERGY STAR 5.0	Yes
RoHS compliant	Yes
UPC	7 19192 18766 5

**SERVICE/LIMITED WARRANTY**

<b>OPTIONAL ACCESSORIES</b>	
Hidden Speakers (SP0000K)	Black
Speaker Dimensions (W x H x D)	1.6" x 12.9" x 2.2"
Speaker Weight (each)	0.8 lbs
Packaging Dimensions (W x H x D)	15.1" x 5.3" x 6.9"
Packed Weight	2.4 lbs (2 Speakers/1 Package)
ST1000K (stand)	Fits M4720CCBA
Stand Dimensions (W x H x D)	26.4" x 8.4" x 12.6"
Weight	8.9 lbs

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Printed in the USA. December 2010



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