

# COMMERCIAL DISPLAY

## M4224F

42"



### SUNLIGHT SIGNAGE SOLUTION

LG's 42" Widescreen 'ShineOut' LCD Monitor is perfect for a window display, as the screen is readable under sunlight. It has portrait or landscape option, the anti-reflection screen is purpose installed and the monitor can be used as part of a 5 x 5 video wall. The exclusive public display panel features proven and trusted LG technology and has great resistance to image retention or sticking, making for an extremely robust display solution. Speakers are optional for expansive multimedia possibilities. Advanced connectivity is complemented by ez-Net Manager, which is high performance software allowing control of the screen over a LAN. This is multi functional and especially useful for diagnostics. This model has a Full HD, high resolution screen.

### SPECIFICATIONS

#### PANEL

Screen Size (inches)	42
Aspect Ratio	16:9
Native Resolution	1920 x 1080 (FHD)
Pixels (HxVx3)	6,220,800
Brightness (cd/m <sup>2</sup> )	700cd/m <sup>2</sup>
Contrast Ratio	800:1, 3,000:1(DCR)
Viewing Angle (HxV)	178 x 178
Colour Depth	1.06B
Response Time (ms)	9ms (G to G)
Surface Treatment	Hard Coating(3H), Anti-glare
Life time	50,000 Hr., Portrait&Landscape

#### VIDEO (PC)

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 Compatability	Separate / Composite / Digital
Video Input	RGB, HDMI/DVI
Picture Mode	Vivid / Standard / Cinema / Sports / Game / User1 / User2
Colour Temperature	Warm / Medium / Cool / User

#### REAR INPUTS

Component Video	1 Hi-Res
PC Input via 15-Pin Sub "D"	1 / 1
Composite Video Input/Output	1 / 1
Audio Output	1
Audio Inputs	2 Plus PC Sound
HDTV Formats	Component : 720p / 1080i / 1080P HDMI : 720P / 1080i / 1080p
PC Formats	Auto Scaling to FHD
HDMI/DVI with HDCP	Yes
RS-232C Input/Output	'1 / 1, Female-to-Female Crossed Type
RJ-45	Yes
S-Video	1 (S-Video has a priority but there is no input mode.)
Audio Jack Built-in (No Amp)	Yes
Discrete IR Input	Yes
External Speaker Out	Yes

#### AUDIO

Auto Volume	Yes
Balance	Yes
Audio Power	20W (10W x 2)
Speaker On/Off	Yes
Sound Mode	Clear Voice / Standard / Music / Cinema / Sports / Game / User

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### SPECIFICATIONS

#### SPECIAL FEATURES

Advanced Picture In Picture	-
New Temperature Sensor	Yes
New Split Zoom (Self Video Wall, Max 5x5)	Yes, supports natural mode
Image Zoom	-
Source Selection	Digital(HDMI/DVI) / Analog(RGB) / Component / AV
Display Control (RS-232C & Network, ez-Net Manager)	Single/Group WAN control, Scheduling Instant Messaging, Self Diagnosis(Temp, FAN, Lamp) Alarm Service through mailing, Easy Tile mode setup S/W upgrade via Network
Brightness/Contrast	Yes
Colour	Warm / Medium / Cool User Control(R/G/B)
Position	H / V
Tracking	Auto / Clock / Phase
Set-up	Language(English/French/Spanish/ Italian/German/ Portugues/Korean/Japanese/Chinese/Russian)
ISM Method	Normal/White wash/Orbiter/Inversion/Dot wash
Advanced	Gamma / Film mode / Black level / Noise Reduction
Time	Clock / On/off timer / Auto sleep / Power on Delay
Information Display	Serial Number, SET ID, MNT S/W Version, LAN S/W Version
Mute	Yes
Sleep Timer	Yes
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes

#### CABINET

Colour	Black / Silver
Bezel Width (mm)	16.9 mm
Monitor Dimensions (inches/WxHxD)	38.07" x 22.04" x 4.87"
Weight (lb)	41.24 lb
Carton Dimensions (inches/WxHxD)	45.1 x 28.7 x 10.1 (full package) 41.2 x 26.1 x 11.2 (head only)
Packed Weight (lb)	52.5lb 47.96lb
VESA™ Standard Mount Interface	600 x 400 (AP-WX60)

#### POWER

Power Supply	100-240V~, 50/60Hz
Power Type	Built-in Power
Power Switch Type	Tact Switch
Power Saving	
Normal	220W
DPMS	1W(RGB), 4W(HDMI/DVI)
Switch Off	1W

#### STANDARD (CERTIFICATION)

Safety	CB scheme / TUV
EMC	CE