

42" CLASS (42.0" DIAGONAL)

M4224C-BA

LCD
MONITOR

LCD Widescreen Full HD Capable Monitor



NATIVE DISPLAY RESOLUTION
1920 x 1080 (WUXGA) Full 1080p resolution

IMPROVED! ULTRA THIN NARROW BEZEL
16.9mm (0.67")



BACKLIGHT CONTROL

NEW! LAN CONTROL

CONVENIENT EXTERNAL SPEAKER-OUT
INFORMATION DISPLAY FOR SERIAL NUMBER

VIEWING ANGLE and LIFE EXPECTANCY
Enhanced in Portrait Mode

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

IMPROVED! HIGH BRIGHTNESS
700 cd/m²

CONTRAST RATIO
3000:1 (DCR)

HDMI™ WITH HDCP

SUPER IPS
178° Viewing Angle

OSD and REMOTE CONTROL LOCK

RS-232C CONTROL

OPTIONAL HIDDEN SPEAKERS



RoHS COMPLIANT

3-YEAR LIMITED WARRANTY
parts/labor

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SPLIT ZOOM (SELF VIDEO WALL)

VIDEO WALL CONTROL

The content for each monitor can be easily controlled by selecting the video source per unit.



5 x 5 Matrix (Max)

FEATURES

HIGH BRIGHTNESS, CLEAR CONTRAST RATIO (700 nits, 10,000:1)

The M4224C sets a new standard in video performance with a brightness of 700 cd/m² and a high contrast ratio of 10,000:1 which surpasses standard monitors.

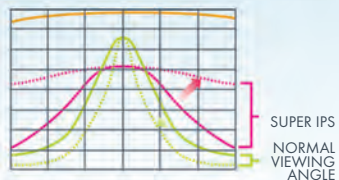
VIEWING ANGLE AND LIFE EXPECTANCY ENHANCED IN PORTRAIT MODE

- 178° (H)/178° (V) viewing angles
- Panel life 50,000 hours (approx.) to half brightness

| FLY # | ARRIVALS | GATE | TIME |
|-------|----------------|------|-------|
| 824 | BOSTON | G4 | 7:32 |
| 713 | BOSTON | G4 | 8:32 |
| 329 | BOSTON | G4 | 8:32 |
| 916 | CHICAGO/ORD | B1 | 7:36 |
| 456 | CHICAGO/ORD | B1 | 8:37 |
| 888 | CHICAGO/ORD | B1 | 9:36 |
| 798 | CHICAGO/ORD | B1 | 10:30 |
| 165 | CHICAGO/MW | D3 | 12:01 |
| 143 | DALLAS | B3 | 7:36 |
| 132 | DALLAS | B3 | 8:45 |
| 807 | DALLAS | B3 | 10:06 |
| 854 | DES MOINES | C6 | 7:33 |
| 321 | LOS ANGELES | A3 | 7:35 |
| 136 | LOS ANGELES | A3 | 8:45 |
| 185 | LOS ANGELES | A3 | 9:35 |
| 199 | LOS ANGELES | A3 | 11:28 |
| 197 | MILWAUKEE | D1 | 7:39 |
| 324 | MILWAUKEE | D1 | 8:40 |
| 366 | MILWAUKEE | D1 | 9:40 |
| 605 | MNPLS/ST. PAUL | D3 | 7:40 |
| 566 | MNPLS/ST. PAUL | D3 | 8:50 |
| 788 | MNPLS/ST. PAUL | D3 | 9:30 |
| 985 | MNPLS/ST. PAUL | D3 | 10:25 |
| 106 | MNPLS/ST. PAUL | D3 | 12:05 |
| 102 | NEW YORK/JFK | B2 | 7:33 |
| 180 | NEW YORK/JFK | B2 | 8:45 |
| 173 | NEW YORK/JFK | B2 | 9:45 |
| 193 | NEW YORK/JFK | B2 | 10:25 |
| 164 | ORLANDO | E4 | 7:45 |
| 364 | ORLANDO | E4 | 8:50 |
| 965 | ORLANDO | E4 | 9:40 |
| 933 | ORLANDO | E4 | 10:30 |
| 339 | PORTLAND | A2 | 7:42 |

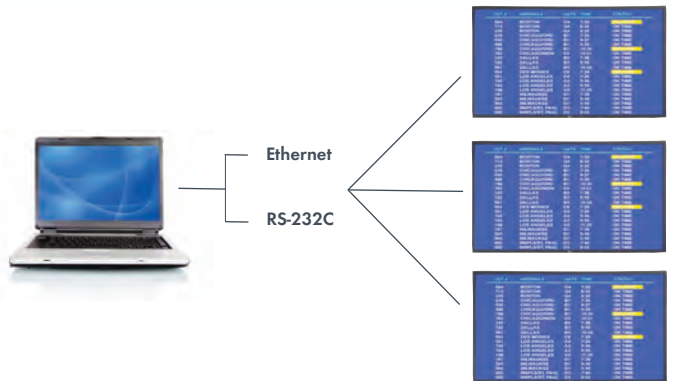
SUPER IPS

Technology that delivers ultra-wide viewing angles. Ideal for situations where screens are positioned at different angles.



REMOTE CONTROL USING LAN OR RS-232C

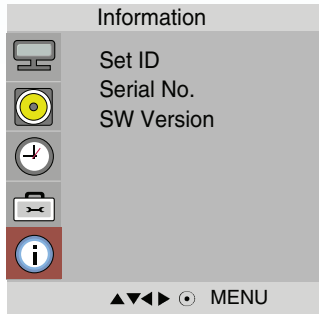
- RJ45 and RS-232C jacks provide the communication interface between the set and external equipment.
- With LAN or RS-232C, functions can be executed at a distance with ease by using a remote control to manage the power on/off, color calibration, aspect ratio, etc...
- LAN control provides a convenient way to manage multiple monitors from a single control center.



MENU CONVENIENCES

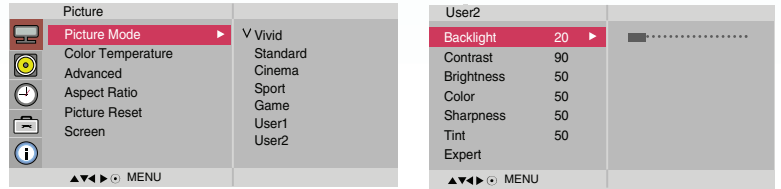
DISPLAY INFORMATION

Adjust Set ID and check Serial Number and Software Version.



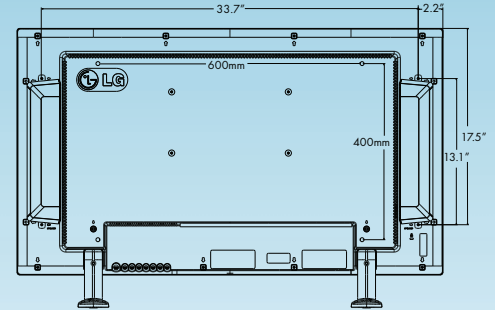
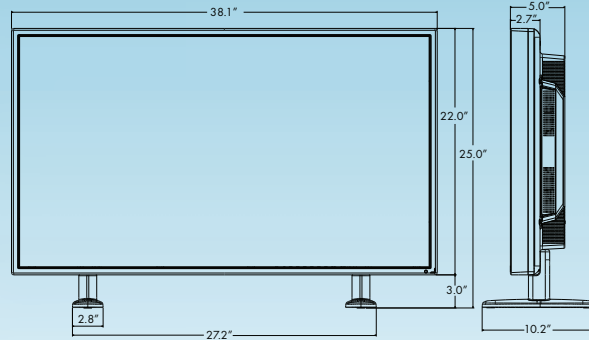
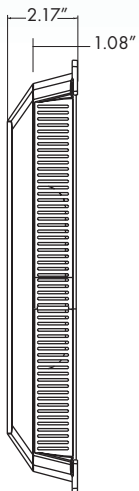
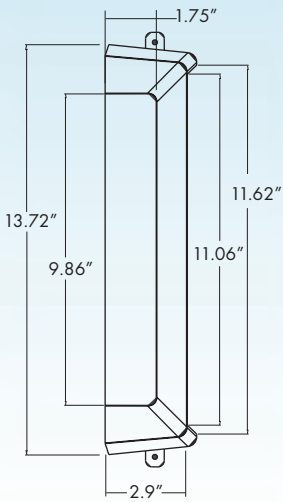
BACKLIGHT CONTROL

Controls the brightness of the screen by adjusting the LCD panel brightness. The result would be an increase in energy savings if brightness is reduced.



DIMENSIONS

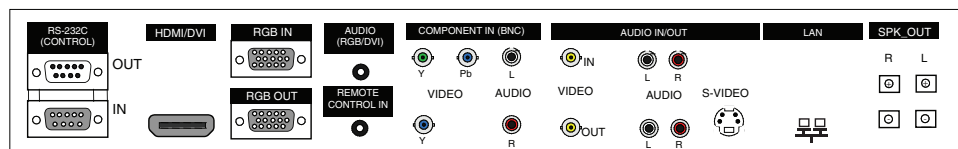
HIDDEN SPEAKERS SP0000K (optional)



HIDDEN SPEAKERS SP0000K (optional)
 Dimensions (WxHxD) 2.9" x 13.7" x 2.2" each
 Weight 1.7 lbs (0.85 lbs x 2)
 10 Watts

Stand ST0000K (optional)
 Dimensions (WxHxD) 2.6" x 10.1" x 7.3"
 Weight 2.8 lbs (1.4 lbs x 2)

REAR JACK PANEL



SPECIFICATIONS

PANEL

| | |
|-----------------------|---|
| LCD Panel Type | 42" |
| Display Area | 42.0" diagonal |
| Aspect Ratio | 16 : 9 |
| Native Resolution | 1920 x 1080 (WUXGA) |
| Pixels (H x V x 3) | 6,220,800 |
| Brightness | 700 cd/m2 |
| Contrast Ratio | 3,000:1 (DCR) |
| Viewing Angle (H x V) | 178° x 178° |
| Super IPS | Yes |
| Color Depth | 10.6 Billion |
| Response Time | 9 ms (G to G) |
| Surface Treatment | Hard Coating (3H) Anti-glare |
| MTBF | 50,000 Hr. (Minimum) 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/ User1 /User2 |
| Color temperature | Warm/Medium/Cool/User |

REAR INPUTS/OUTPUTS

| | |
|------------------------------|---|
| Component Video | 1 Hi-Res (BNC) |
| PC Input via 15-Pin Sub "D" | 1 in / 1 out |
| Composite Video Input/Output | 1 (BNC) / 1 (BNC) |
| Audio Output | 1 |
| Audio Inputs | 2 Plus PC Sound |
| HDTV Formats | Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p |
| PC Formats | Auto Scaling to WUXGA |
| HDMI with HDCP | Yes |
| RJ45 | Yes |
| RS-232C Input/Output | 1 / 1 |
| 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 |

POWER

| | |
|-------------------|------------------------|
| Power Supply | 100-240V~, 50/60Hz |
| Power Type | Built-in Power |
| Power Switch Type | Tact Switch |
| Power Saving | |
| Normal | 200 W |
| Stand-by/Suspend | 2W (RGB)/4W (HDMI/DVI) |
| DPM Off | 2W (RGB)/4W (HDMI/DVI) |
| Switch Off | 1W |

SPECIAL FEATURES

| | |
|---|---|
| Backlight Control | Yes |
| Temperature Sensor | Yes |
| Split Zoom (Self Video Wall, Max 5 x 5) | Yes, supports natural mode |
| Source Selection | Digital (HDMI/DVI)/Analog (RGB)/ Component/AV |
| Brightness/Contrast | Yes |
| Color | 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

| | |
|--|-----------------------|
| Monitor Dimensions (W×H×D) | 38.1" x 22.0" x 5.0" |
| Monitor Weight (W×H×D) | 41.2 lbs |
| Monitor Dimensions w/opt. stand (W×H×D) | 38.1" x 25.0" x 10.2" |
| Weight w/opt. stand | 44.1 lbs |
| Monitor w/opt. stand and opt. speakers (W×H×D) | 38.1" x 25.0" x 10.2" |
| Weight w/opt. stand and opt. speakers | 45.8 lbs |
| Packaging (W×H×D) | 38.1" x 22.1" x 4.9" |
| Weight with Packaging | 48.0 lbs |
| Color | Black/Silver |
| VESA™ Standard Mount Interface | 600mm x 400mm |

STANDARD (CERTIFICATION)

| | |
|----------------|----------------------------------|
| Safety | UL/c-UL/CB scheme/TUV/NEMKO |
| EMC | FCC Class "B"/VCCI/C-tick/CE/MIC |
| RoHS Compliant | Yes |
| UPC | 7 19192 18545 6 |

SERVICE/LIMITED WARRANTY

| | |
|--------------------------------|---------|
| Limited Warranty (Parts/Labor) | 3 Years |
|--------------------------------|---------|

OPTIONAL ACCESSORIES

| | |
|----------------------------------|---------------------------------|
| SPO000K (speakers) | fits M4224C-BA |
| Dimensions (W x H x D) (each) | 2.9" x 13.7" x 2.2" |
| Weight (2 speakers) | 1.7 lbs |
| Packaging Dimensions (W x H x D) | 15.1" x 5.3" x 6.9" |
| Packed Weight | 2.36 lbs (2 Speakers/1 Package) |
| STO000K (stand) | fits M4224C-BA |
| Dimensions (W x H x D) | 2.6" x 10.1" x 7.3" |
| Weight | 2.8 lbs |
| Packaging Dimensions (W x H x D) | 12.4" x 2.8" x 11.0" |
| Shipping Weight | 3.64 lbs. |

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LG Electronics U.S.A., Inc.
Commercial Products Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888.865.3026

Contact your LG Regional Sales Representative:
Enterprise: 800.897.8788
Channel: 800.897.8871
Hospitality: 800.228.1236
E-mail: LGcommercial@lge.com

SPEC_M4224CBA_050922_PR



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Printed in the USA. June 2009



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