

M5500C-BA

55" LCD Widescreen 16:9 HDTV Monitor



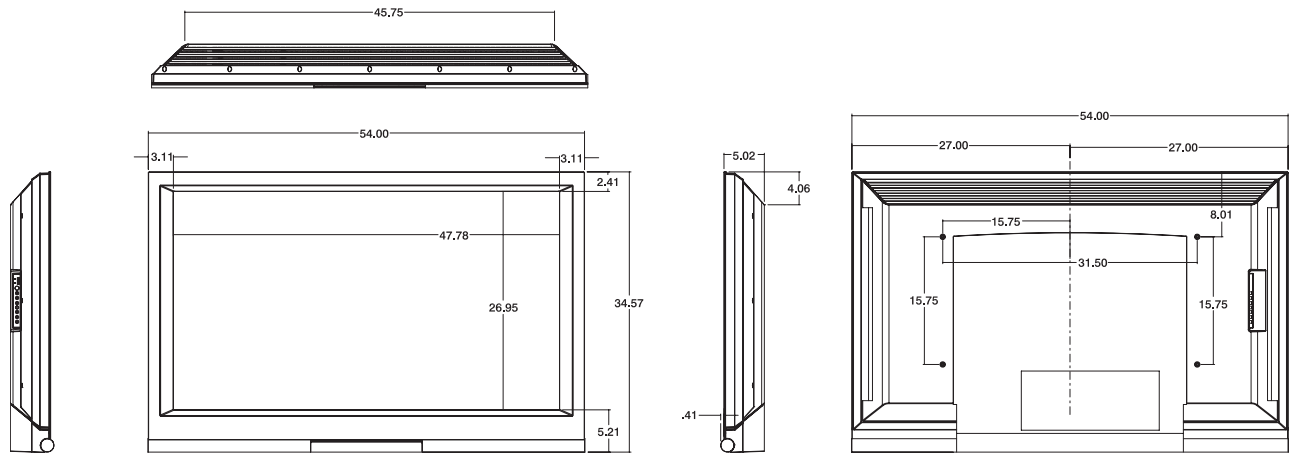
55" LCD HDTV MONITOR



Most Innovative Video Emissive Display System
LG Electronics M5500C-BA
55-Inch LCD HDTV Monitors

- **55" HDTV Monitor**
Truly Flat LCD screen delivers razor sharp images
- **1920 x 1080 (WUXGA) Resolution**
High resolution format produces extremely detailed imagery
- **1200:1 High Contrast Ratio**
LCD technology emits sharp contrast between light and dark images
- **500 cd/m² High Brightness**
Renders an incredibly bright picture, even in light-drenched environments
- **New! Temperature and Lamp Fault Sensor**
- **New! Split Zoom (Self Video Wall)**
- **Advanced Picture In Picture (PIP/POP/PBP)**
- **RS-232C Controllable**
- **Discrete IR Codes**





SPECIFICATIONS

PANEL

| | |
|----------------------|--------------------------------|
| Screen Size | 55" |
| Aspect Ratio | 16 : 9 |
| Native Resolution | 1920 x 1080 (WUXGA) |
| Pixels(H x V x 3) | 6,220,800 |
| Brightness | 500 cd/m2 |
| Contrast Ratio | 1200 : 1 |
| Viewing Angle(H x V) | 176 x 176 |
| Color Depth | 16.7 Million |
| Response Time | 10 ms(G to G) |
| Surface Treatment | Hard Coating(3H) Anti-glare |
| MTBF | 50,000 Hr. (Typical) |

VIDEO

| | |
|----------------------|--|
| Max Input Resolution | |
| D-Sub | 1920 x 1080 @ 60Hz |
| DVI-D | 1600 x 1200 @ 75Hz 1920 x 1080 @ 60Hz 1600 x 1200 @ 60Hz |
| H-Scanning Frequency | |
| D-Sub | 30 ~ 96 kHz |
| DVI-D | 30 ~ 93 kHz |
| V-Scanning Frequency | 56 ~ 85 Hz |
| Pixel Frequency | Max. 205 MHz |
| Sync Compatibility | Separate / Composite / SOG |
| Video Input | RGB Analog / Digital |
| EZ Video | Dynamic / Standard / Mild / Game / User |
| ACC | Warm / Normal / Cool |

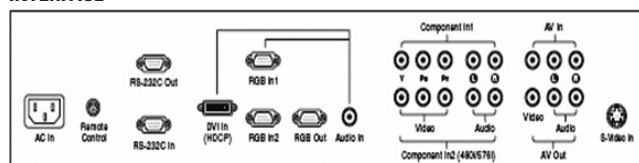
REAR INPUTS

| | |
|------------------------------|---|
| Component Video | 1 (480i/p, 720p, 1080i) 1 (480i, 576i) |
| PC Input via 15-Pin Sub "D" | 2 |
| Composite Video Input/Output | 1 / 1 |
| Audio Inputs | 3 Plus PC Sound |
| HDTV Formats | 720p / 1080i |
| PC Formats | Auto Scaling to XGA |
| DVI-D with HDCP | Yes |
| RS-232C Input/Output | 1 / 1 |
| S-Video | 1 |
| Discrete IR Input | Yes |

AUDIO

| | |
|---------------------|--------------------------------------|
| SRS WOW | Yes |
| Auto Volume Limiter | Yes |
| Audio Power | 20W (10W x 2) |
| Balance | Yes |
| EZ Audio | Flat / Music / Movie / Speech / User |

INTERFACE



SPECIAL FEATURES

| | |
|----------------------------------|---|
| Advanced Picture In Picture | Yes (PIP / POP / PBP) |
| New Temperature Sensor | Yes |
| New Lamp Fault Sensor | Yes |
| New Split Zoom (Self Video Wall) | Yes, (Max 4 x 4) |
| Display Mode Change (vertical) | Yes |
| Image Zoom | Yes |
| Source Selection | Digital (DVI-D) / Analog (D-Sub) / Component 1 & 2 / Composite / S-Video |
| Brightness/Contrast | Yes |
| Color | 9300K, 6500K User Control(R/G/B) |
| Position Tracking Set-up | H / V Auto / Clock / Phase Language (English / French / Spanish / Korean / Italian / German) Image Size, OSD Position, Transparency, Zoom Information (Elapsed Time, Mode) PIP On/Off, PIP Souce, PIP Size, PIP Position Contrast / Brightness / Sharpness / Color / Tint Reset |
| PIP Image Special Mute | Yes |
| Sleep Timer | Yes |
| Auto Power/Source Memory | Yes |
| Child Lock | Yes |
| Power Indicator | On / Off |

CABINET

| | |
|--------------------------------|--------------------------|
| Color | Black |
| Monitor Dimension (W x H x D) | 54.00" x 34.57" x 5.02" |
| Weight | 122.41 Lbs. |
| Carton Dimensions (W x H x D) | 68.50" x 43.90" x 16.93" |
| Packed Weight | 187.39 Lbs. |
| VESA™ Standard Mount Interface | 800 x 400 |

POWER

| | |
|-------------------|---------------------------------|
| Power Supply | 90 ~ 264V / AC (47 ~ 63Hz) |
| Power Type | Built-in Power |
| Power Switch Type | Tact Switch & Mechanical Switch |
| Power Saving | |
| Normal | 315 W |
| Stand-by/Suspend | 4 W |
| DPM Off | 2 W |
| Switch Off | 2 W |

STANDARD(CERTIFICATION)

| | |
|--------|--|
| Safety | UL / CSA / CE / CB scheme / TUV-GS / SEMKO |
| EMC | FCC Class "B" / VCCI / C-tick / GOST |

