Touch Screen LCD Widescreen HD Monitor

3M DST INTEGRATED TOUCH
With fast, accurate touch response

NATIVE DISPLAY RESOLUTION
1366 x 768 WXGA

LG'S EXCLUSIVE XD ENGINE®

CONTRAST RATIO
3000:1

178 DEGREE VIEWING ANGLE (S-IPS)
Super IPS™ technology allows for superior viewing from almost any angle

HIGH BRIGHTNESS
500 cd/m²

9MS RESPONSE TIME

TEMPERATURE AND LAMP FAULT SENSOR

HDMI™ WITH HDCP

RoHS COMPLIANT

3-YEAR LIMITED WARRANTY
(parts/labor)

BROUGHT TO YOU BY
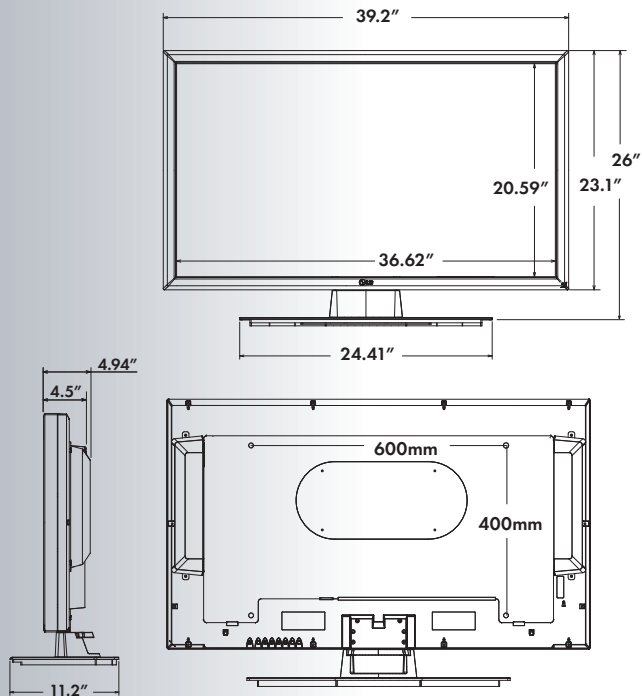
KRISTEL® DISPLAYS

LG Life's Good

www.kristel.com

www.LGcommercial.com

M4212T-BA | 42" CLASS (42.0" DIAGONAL)

DIMENSIONS

39.2"

26"
20.59" 23.1"

36.62"

24.41"

4.94"
4.5"

600mm

400mm

11.2"

Note: Speakers and stand are optional accessories

Rear Jack Pack Panel

AC-IN | RS-232C (CONTROL) OUT / IN | HDMI/DVI | RGB IN / RGB OUT | AUDIO (RGB-DVI) / REMOTE CONTROL IN | COMPONENT IN (BNC) — VIDEO (BNC) 1 / 2, AUDIO | VIDEO IN (BNC) IN / OUT, S-VIDEO, AUDIO IN/OUT | SPK_OUT R L

SPECIFICATIONS

INPUTS AND OUTPUTS

15 Pin D-Sub	RGB In/RGB Out
HDMI (digital) with HDCP	1 In/DVI (through HDMI to DVI adapter-not included)
S-Video	1 In
Component	2 Component In (1080i) BNC with audio
Composite	1 in/1 out (BNC) with audio
PC Audio Input	Yes
RS-232C	RS-232C In / RS-232C Out
Remote Control Input	Yes / IR Jack
External Speaker Out	Yes

CONTROL

Key Number	8
Key Location	Right Bottom
Key Type	Tact Switch
LED color	Amber-off/Green-on
OSD Language	English, French, German, Italian, Spanish, Portuguese, Korean

POWER

Power Supply	Internal
Rated Voltage	AC 100 - 240V ~ 50/60Hz 1.5A
Power On Mode	220W
DPM Off	1W (RGB)/4W (HDMI/DVI)
Off Mode	1W
Sleep Mode	<_1W (RGB) / 4W (HDMI/DVI)

ENVIRONMENTAL CONDITIONS

Operational Condition Temperature	Temperature: 50°F ~ 95°F, 10°C ~ 35°C , Humidity: 10% ~ 80%
Storage Condition	Temperature: -4°F ~ 140°F, -20°C ~ 60°C , Humidity: 5% ~ 95%

CABINET

Color	Black
Monitor Dimensions (WxHxD)	39.2" x 23.1" x 4.5"
Weight	46.7 lbs
Carton Dimensions (WxHxD)	44.1" x 26" x 11.2"
Packed Weight	55.6 lbs
VESA™ Mounting	Yes (600mm x 400mm)

AUDIO FEATURES

Max Audio output	20Watt (10W x 2EA)
Audio	Built-in AMP, Equalizer, Auto Volume Limiter, Balance, Speaker on/off
SSM	Surround Max, Flat, Music, Movie, Sports, User

SPECIAL FEATURES

XD Engine	Yes
XD Demo	Yes (not available in RBG PC/HDMI/DVI PC Mode)
Pb Free	Yes
DDC/CI	Yes
Intelligent Auto (Auto Resolution)	Yes
Temperature Sensor	Yes
Lamp Fault Sensor	Yes
LG Logo Light	Off / On selectable
ISM Method	Normal, Orbiter, Inversion, White Wash
PSM	Dynamic, Standard, Mild, User 1, 2
CSM	Warm, Normal, Cool, User

CERTIFICATIONS

UL (cUL)	Yes
TUV	Yes
NEMKO	Yes
FCC-B, CE	Yes
CB scheme	Yes
VCCI	Yes
GOST	Yes
MIC	Yes
C-tick	Yes
RoHS compliant	Yes

ACCESSORIES

- Remote Control/AAABatteries (2)
- User's Guide/Driver CD-Rom/Warranty Card
- 15-pin D-Sub Signal Cable
- Power Cable
- Audio Cable (PC)
- RCA-PC Audio Cable
- 110/220V AC Universal Power Supply
- USB Cable

OPTIONAL ACCESSORIES (ORDER THROUGH LG)

Speakers (SP0000K)	Black
Speaker Dimensions (WxHxD)(each)	2.88" x 13.72" x 2.17"
Weight (each)	0.80 lbs
Packaging Dimensions (WxHxD)	15.12" x 5.28" x 6.85"
Packed Weight	2.36 lbs (2 speakers/1 package)
Stand (ST4210K)	Black/Silver
Stand Dimensions (WxHxD)	24.41" x 6.2" x 11.5"
Weight	7.9 lbs.
Packaging Dimensions (WxHxD)	31.2" x 9.64" x 14.57"
Packed Weight	11.68 lbs.

LIMITED WARRANTY

3 years (parts/labor)

LCD PANEL

LCD Panel Type	42" Widescreen TFT (Thin Film Transistor)
Display Area	42.0" diagonal
Touch Screen	3M DST Integrated Touch
Panel Type (TN,IPS)	S-IPS
Aspect Ratio	16:9
Native Resolution	1366 x 768
Brightness	500 cd/m^2
Contrast Ratio	3000:1 (DCR)
Response Time	9 ms
Viewing Angle	178 / 178
MTBF	50,000 Hrs
Color Depth	16.7 Million (8bits)
Pixel Pitch	0.510 x 0.510
Lamp Quantity	20 EEFL
Surface Treatment	AG (3H)

VIDEO

Max Input Resolution	768p
H-Scanning Frequency	30~83kHz (Analog/Digital)
V-Scanning Frequency	56~75Hz (Analog), 60Hz (Digital)
Synchronization Type	Separate/Composite/SOG (Sync On Green)/Digital

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