

Touch Screen LCD Widescreen HD Monitor

preliminary



3M DST INTEGRATED TOUCH
With fast, accurate touch response

NATIVE DISPLAY RESOLUTION
1366 x 768 WXGA

LG'S EXCLUSIVE XD ENGINE®

CONTRAST RATIO
1600:1

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

HIGH BRIGHTNESS
500 cd/m²

8MS RESPONSE TIME

SPLIT ZOOM (self video wall)
Up to 4 x 4 matrix

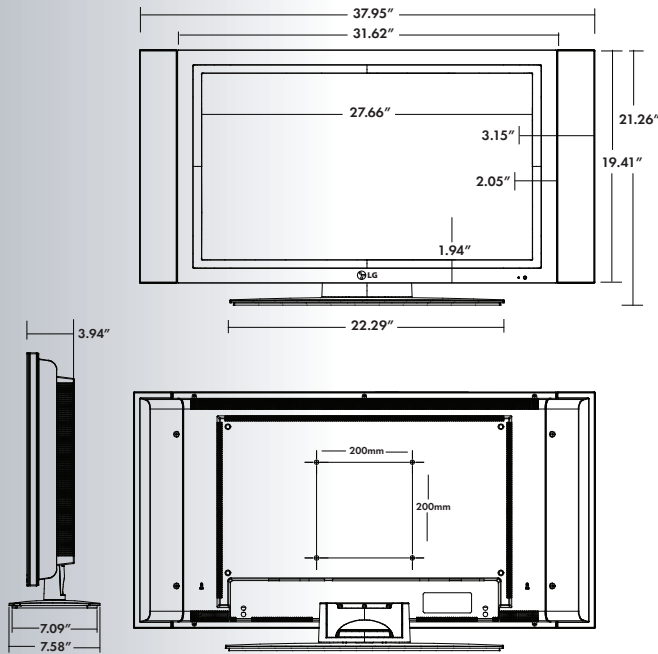
TEMPERATURE AND LAMP FAULT SENSOR

HDMI™/DVI WITH HDCP

3-YEAR LIMITED WARRANTY
(parts/labor)

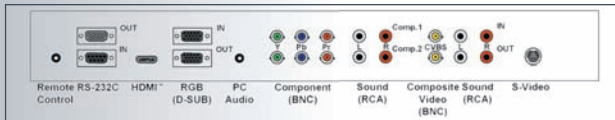
*NOTE: IP-Cast™ ready via interface box using LG's IP card solution for Digital Signage applications. Contact DSinfo@LGcommercial.com for more information.

BROUGHT TO YOU BY



Note: Speakers and stand are optional accessories

Rear Jack Pack Panel



LCD PANEL

LCD Panel Type	32" Widescreen TFT (Thin Film Transistor) - LCD (Liquid Crystal Display) Panel
Display Area	31.5" 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	1600:1
Response Time	8 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	RGB : 30 - 83 kHz; HDMI/DVI : 30 - 72 kHz
V-Scanning Frequency	56 - 85 Hz
Synchronization Type	Separate/Composite/SOG (Sync On Green)/Digital

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

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
On Mode	145W
DPM Off	1W
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)	31.62" x 19.41" x 3.94"
Weight	46.52 lbs
Carton Dimensions (WxHxD)	36.11" x 27.72" x 13.07"
Packed Weight	52.91 lbs
Kensington Lock	Yes

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 RGB PC/HDMI/DVI PC Mode)
Pb Free	Yes
DDC/CI	Yes
Intelligent Auto (Auto Resolution)	Yes
Tile Mode	Yes, Max 4 x 4
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-GS	Yes
SEMKO	Yes
FCC-B, CE	Yes
VESA™ Mounting	Yes (200mm x 200mm)
CB scheme	Yes
VCCI	Yes
GOST	Yes
MIC	Yes
RoHS compliant	Yes

ACCESSORIES

Remote Control/AAA Batteries (2)	
User's Guide/Driver CD-Rom/Warranty Card	
15-pin D-Sub Signal Cable	
Power Cable	
Audio Cable (PC)	
RCA-PC Audio Cable	

OPTIONAL ACCESSORIES (ORDER THROUGH LG)

Speakers (SP3200K)	Black
Speaker Dimensions (WxHxD)	4.09" x 19.41" x 2.48"
Weight	1.70 lbs
Stand (ST3200K)	Black/Silver
Stand Dimensions (WxHxD)	22.89" x 4.00" x 6.75"
Weight	5.02 lbs

LIMITED WARRANTY

Kristel UPC	3 years (parts/labor)
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TBD



KRISTEL
DISPLAYS

