* All images are for illustrative purposes only.

Outdoor Display XE3C

Outstanding Visibility with Advanced Reliability

- 3,000 cd/m² (nits) High Brightness
- Visible Through Polarized Sunglasses
- IP56 Rated Dust/ Water Proof
- Web-based Monitoring Solution

XE3C	
Screen Size	190.5 cm (75)
Native Resolution	3,840 × 2,160 (UHD), M+
Brightness	3,000 cd/m² (nits) (Typ.), 2,400 cd/m² (nits) (Min.) through Front Protective Glass
Portrait / Landscape	Yes / No
Dimension (W x H x D, mm) / Weight	1,075.6 x 2,361.6 x 218.9 / 180 kg
Key Features	Temperature Sensor, Auto Brightness Sensor, Smart Energy Saving

Life's Good.

High Visibility Under Strong Sunlight

With outstanding high brightness of 3,000 cd/m^2 (nits) (Typ.), 75XE3C outdoor display delivers contents clearly while captivating passersby, making it the suitable display for outdoor visibility. In addition, its clear visibility can deliver a variety of information even to those wearing polarized sunglasses.

* Stand is optional accessory.

Advanced Local Dimming

The backlighting in specific areas of the screen can be controlled to increase contrast and provide a clearer image.

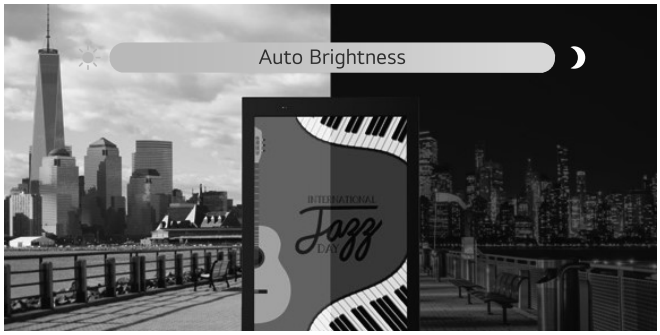
Superb Picture Quality with Ultra HD Resolution

With the resolution of UHD, it makes the color and details of the contents vivid and realistic. In addition, the wide viewing angle* applied with an IPS panel, provides clear contents.

* Within 178 degree

Anti-reflection

Thanks to anti-reflection coating, 75XE3C has low interference between reflection of external light & back light.



Smart Brightness Control

The screen brightness is automatically adjusted depending on the ambient light. The brightness is increased in light for better visibility, while it is decreased in darkness for efficient power management.

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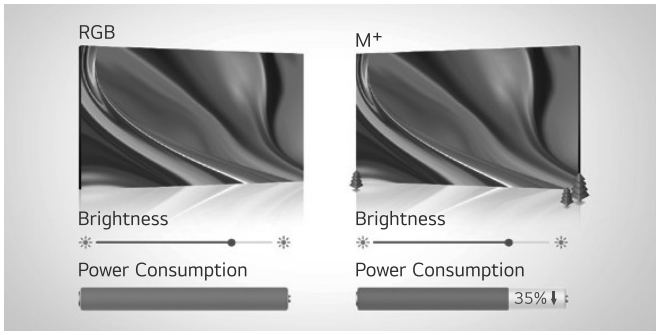


Low Power Consumption Using the M+ Panel

The M+ panel* can offer high energy efficiency and cost savings as decreasing power consumption** by approx.

* M+ IPS reduced approx. by 35% BLU Power consumption (IEC62087, 10 min) compared to RGB IPS, tested under same brightness (@fullwhite, 400 nit)
** Specific features can differ from circumstances.

Dust & Humidity Protection Designed with IP56 Rating

Conformal Coating* protect the circuit board, power board against dust, iron powder, humidity, etc.

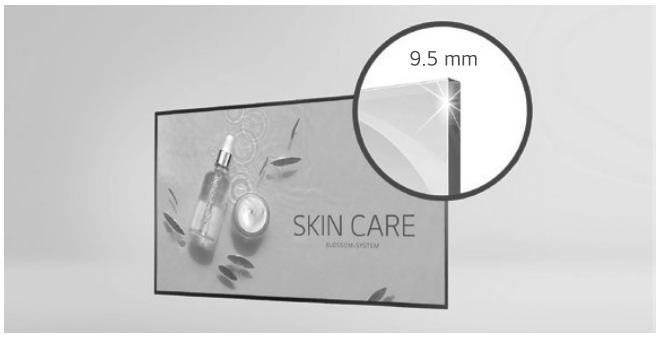
* Thin protective films/breathing membranes that filter water vapor and solid debris

Wide Range of Operating Temperature

75XE3C can be used under a wide range of operating temperatures from -30°C to +50°C.

Enhanced Thermal Management

Environmentally sealed structure for water-resistant and protection against brake dust. 75XE3C has thermal management solution regarding heat from the LCD, Circuit / Powerboard and Solarloading. Totally self-contained and suitable for outdoor use without air filter.



9.5 mm Protective Glass

Designed to protect panel from impacts and vandalism* for outdoor use.

* P2A tested

webOS Smart Platform

Quad Core SoC (System-on-Chip) can execute several tasks at the same time without a separate media player. In addition, webOS 3.0 platform enhances user convenience with intuitive UI and simple app development tools.

* All images are for illustrative purposes only.

Web Monitoring

The LG Control Manager*, the embedded web monitoring program, allows a variety of parameters to be diagnosed in real time such as temperature, ambient light, and gyro sensors. It can be easily controlled at all times.

* Enabled by wired LAN connection

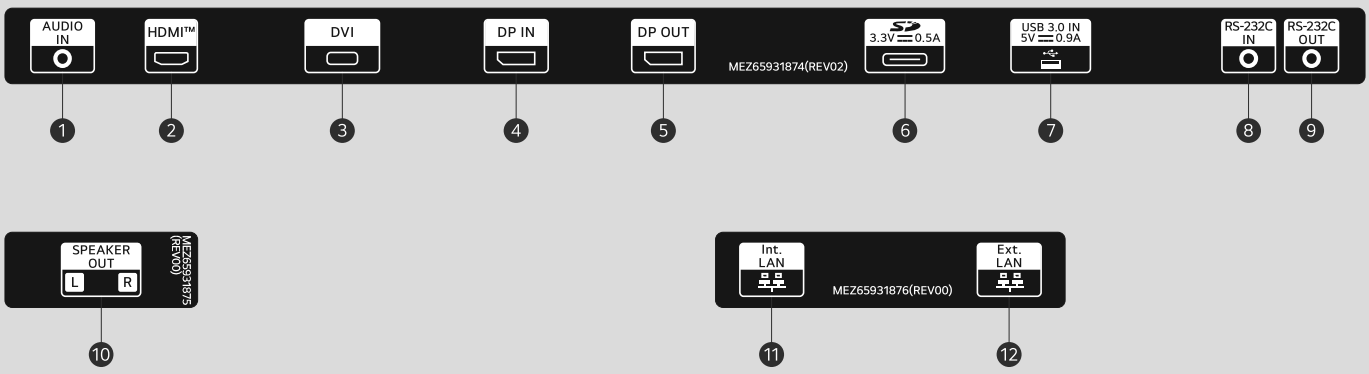
Optional Stand

Optional stand to allow panel to stand freely and facilitate easy cable management.

* All images are for illustrative purposes only.

CONNECTIVITY

190.5 cm (75)



1. AUDIO IN
2. HDMI
3. DVI
4. DP IN
5. DP OUT
6. SD CARD
7. USB 3.0 IN
8. RS-232C IN
9. RS-232C OUT
10. SPEAKER OUT
11. Int. LAN
12. Ext. LAN

SPECIFICATIONS

Model Name		XE3C
PANEL	Screen Size	190.5 cm (75)
	Panel Technology	IPS / M+
	Back Light Type	Direct
	Aspect Ratio	16:9
	Native Resolution	3840 x 2160 (FHD)
	Refresh Rate	60 Hz
	Brightness	3,000 cd/m² (nits) (Typ.), 2,400 cd/m² (nits) (Min.)
	Contrast Ratio	1,200:1
	Dynamic CR	500,000:1
	Color Gamut	NTSC 72%
	Viewing Angle (H x V)	178º x 178º
	Color Depth (Number of Colors)	10.7 Million colors
	Response Time (Typ.)	8 ms (G to G)
	Surface Treatment (Haze)	Haze 3%
	Life time	50,000 Hrs (Typ.)
	Operation Hours (Hours / Day)	24 / 7
	Portait / Landscape	Yes / No
	QWP (Quarter Wave plate)	Yes
CONNECTIVITY	HDMI In	Yes, HDCP2.2
	DP In	Yes, HDCP1.3
	RS232C In	Yes
	RJ45 (LAN) In	Yes
	USB In	Yes
	External Speaker Out	Yes, L / R, 10 W+10 W), (4pin phone jack)
	RJ45 (LAN) Out	Yes
	RS232C Out	Yes
MECHANICAL SPECIFICATION	Bezel Color	Black
	Bezel Width (T/R/L/B, mm)	110 / 73.3 / 73.3 / 230
	Weight (Head)	180 kg
	Packed Weight	247 kg
	Monitor Dimensions (W x H x D, mm)	1075.6 x 2361.6 x 218.9
	Carton Dimensions (W x H x D, mm)	1292 x 2296 x 468
FEATURE - HARDWARE	Internal Memory (eMMC)	8 GB
	Temperature Sensor	Yes
	Auto Brightness Sensor	Yes
	Acceleration (Gyro) Sensor	Yes
	Pixel Sensor	Yes
	Humidity sensor	Yes
	Power Indicator	Yes
	Fan (Built in)	Yes
FEATURE - SOFTWARE	OS Ver. (webOS)	webOS3.0
	Local Contents Scheduling	Yes
	USB Plug & Play	Yes
	Fail Over	Yes
	Booting Logo Image	Yes
	No Signal Image	Yes
	RS232C Sync	Yes
	Local Network Sync	Yes
	Video Tag	Yes (2)
	Play Via URL	Yes
	Screen Rotation	Yes
	External Input Rotation	Yes
	Gapless Playback	Yes
	Tile Mode Setting	Yes (Max. 15 x 15)
	Setting Data Cloning	Yes
	SNMP	Yes
	ISM Method	Yes
	Auto Set ID	Yes
	Status Mailing	Yes
	Control Manager	Yes
	Smart Energy Saving	Yes
	PM mode	Yes
	Wake on LAN	Yes
	Network Ready	Yes
	HDMI-CEC	Yes
	SI Server Setting	Yes
	ProIdiom	Yes
ENVIRONMENT CONDITIONS	Operation Temperature	-30°C to 50 °C
	Operation Humidity	5 % to 100 %
POWER	Power Supply	AC 100-240 V~ 50/60 Hz
	Power Type	Built-In Power
	DPM	1 W
	Power off	0.5 W
POWER CONSUMPTION	Typ.	750 W 403 W (IEC 62087)
	Max.	1000 W
	Smart Energy Saving	350 W
	Others- BTU (British Thermal Unit)	2559 BTU / Hr (Typ.), 3412 BTU / Hr (Max.)
PROTECTION GLASS	Thickness	9.5 mm
	Degree of Protection	Yes (P2A Certified)
	Tempered / Chemical strengthening	Tempered
	Anti-Reflective	Yes
	Shatter-Proof	Yes
CERTIFICATION	Safety	CB / NRTL
	EMC	FCC Class "A" / CE / KC / VCCI
	ERP	Yes
SOFTWARE COMPATIBILITY	SuperSign CMS	Yes
	SuperSign Control+	Yes
	SuperSign Cloud	Yes
	Connected Care	Yes
LANGUAGE	OSD	English, French, German, Spanish, Italian, Korean , Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Arab, Türkçe, polski (Polska)
ACCESSORY	Basic	Remote Controller, Manual, QSG, Regulation Book, Phone to RS232C Gender, USB cable, HDMI cable
SPECIAL FEATURE	IP Rating	IP56
	Conformal Coating (Power Board)	Yes
	Direct Sunlight	Yes
PRODUCT DEDICATED FEATURE	Heat Dissipation	Core engine
	Noise Level	70 dB

Creative Visualization

*Product Images shown are for representative purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Color/shades may vary due to printing restrictions. E&OE.

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Regd. Office: LG Electronics India Limited, A-24/6, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044
CIN No. L32107DL1997PLC220109