





* All images in this datasheet are for illustrative purposes only.





High-brightness IP-rated Outdoor Display XE3P Series

Outdoor Display with Easy Maintenance and Lasting Performance


 Anti-Discoloration

 3,500 nits High Brightness

 High Reliability

 Smart Energy Saving Mode

 webOS Platform

 Smart Monitoring & Control

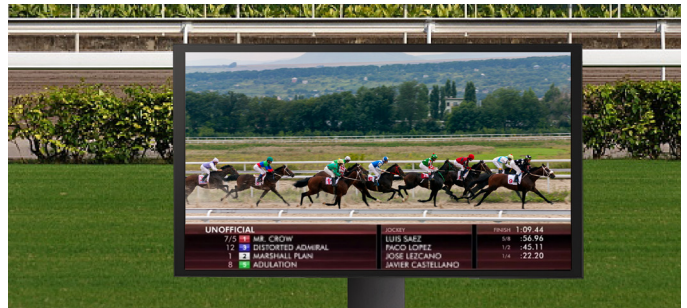
XE3P Series

Screen Size / Panel	55", 49" / IPS, M+
Native Resolution	1,920 × 1,080 (FHD)
Operating System	webOS Signage 6.0
Portrait / Landscape	Yes / Yes
Screen Treatment	Anti-Discoloration™
Key Features	Temperature Sensor, Auto Brightness Sensor, Conformal Coating

New Era of Outdoor Display Has Begun



IP-rated Outdoor Display Type



IP-rated Outdoor Display

LG offers advanced technical solutions equipped with various sensors, providing reliable and effective operations. In diverse spaces under sunlight, the XE3P highlights your content, reducing concerns about excessive operational burdens.

Be Bright, Stay in Sight



3,500 nits High Brightness



Polarized Sunglasses



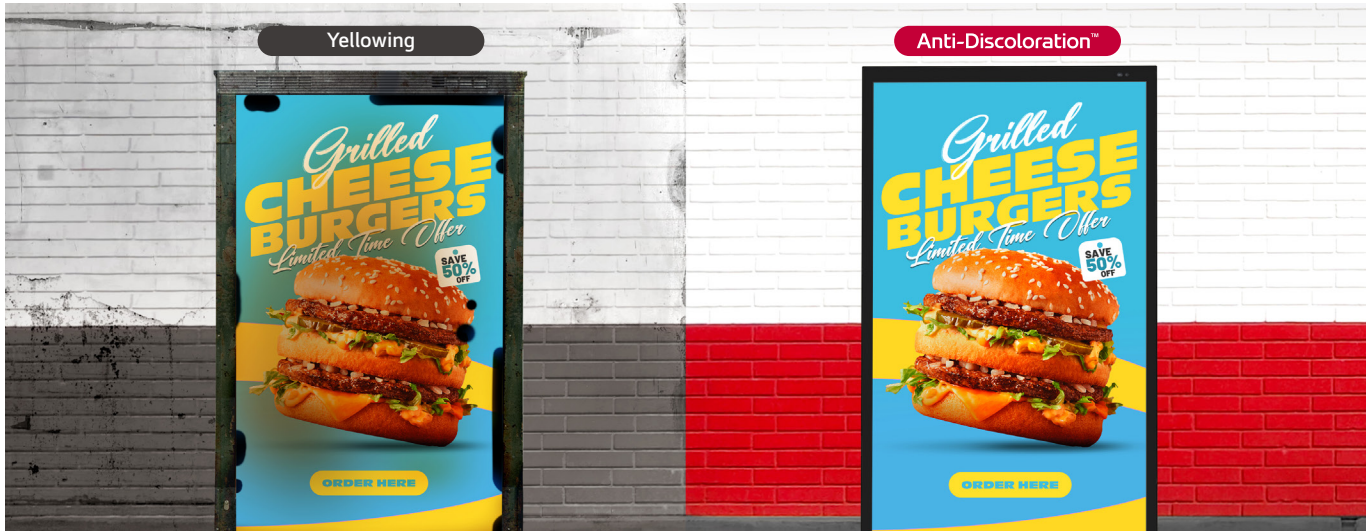
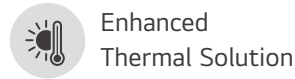
Wide Viewing Angle



High Visibility Under Strong Sunlight

With outstanding high brightness of 3,500 nits (Typ.), the XE3P outdoor display delivers content clearly with captivating passersby. Through IPS technology, viewers can engage with the content at wide viewing angles.

Anti-Discoloration™



LG Anti-Discoloration

By focusing on the key pain points, we developed our new "Anti-Discoloration" technology designed to deter both screen yellowing and black circles. With an enhanced thermal solution, the XE3P can deliver long-lasting and stable display quality.



World's First UL Verified Display for Anti-Discoloration Characteristics

Especially for screen yellowing resistance, we obtained the world's first UL Verification of Anti-Discoloration characteristics for displays.* The UL Verified XE3P can alleviate concerns about screen yellowing, the most common but tricky issue for outdoor digital signage products.

* World's first UL Verification in the manufacturing industry. For more details, please visit <https://verify.ul.com/verifications/1382>.

Enduring and Reliable



IP56

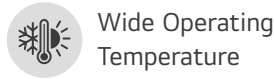


IK10



IP56 Rated Reliability

The XE3P is sealed with IP56 design for reliable operation. It is designed to be protected not only from water but also from dust, which is an essential feature for outdoor applications.



Wide Operating Temperature



Conformal Coating



IK10 Protective Glass

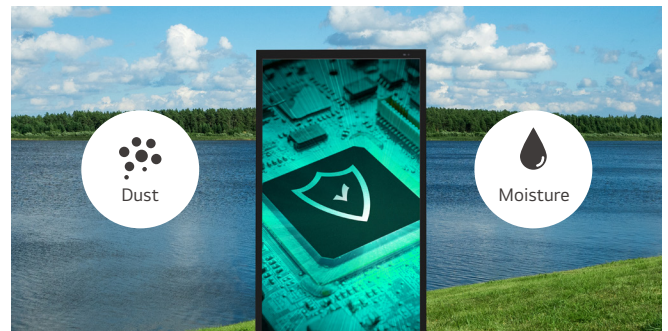
The XE3P features IK10 rated protective glass, tempered and laminated for outdoor extremes, minimizing damage from external impacts. This can reduce unnecessary LCD module replacements and can lead to cost-effective maintenance.



Wide Range of Operating Temperature

The XE3P can be used under a wide range of operating temperatures from -22°F to 122°F without direct sunlight, and -22°F to 104°F with direct sunlight.*

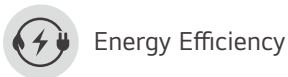
* Verified by LG internal testing.



Conformal Coating

Conformal Coating consists of thin protective films that help shield the circuit board and power board against water vapor and solid debris.

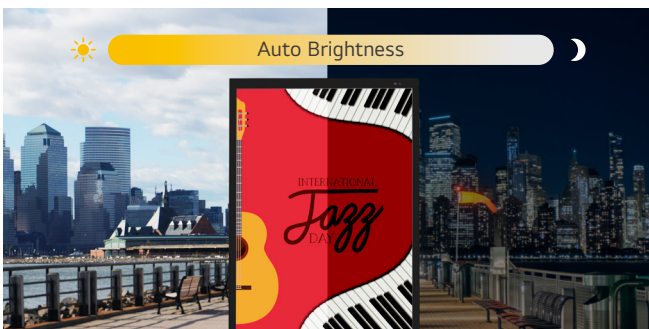
Save Cost with Optimal Performance



Energy Efficiency



Cost Saving



Efficient Energy Management

The XE3P has auto-brightness adjustment based on sensors that detect the ambient light. In bright environments, the brightness is increased in light for better visibility, while it is decreased in dark times for better power management. Also, the XE3P uses an M+ panel that can operate with lower power consumption than a corresponding RGB panel.*

*M+ IPS reduced BLU power consumption approximately 35% compared to RGB IPS tested under same brightness (IEC62087).



Easy Energy Management

The XE3P provides preset brightness settings suited to different locations and usage environments, enabling easy and effective power management according to various scenarios.

* Manual mode: Max. 95%, Min. 5%
 Highlight mode: Max. 100%, Min. 20%
 Basic mode: Max. 70%, Min. 10%
 Nearby mode: Max. 50%, Min. 10%

Make Maintenance Simple



Built-in Wi-Fi



Vandalism Alert



Easy Installation



webOS 6.1



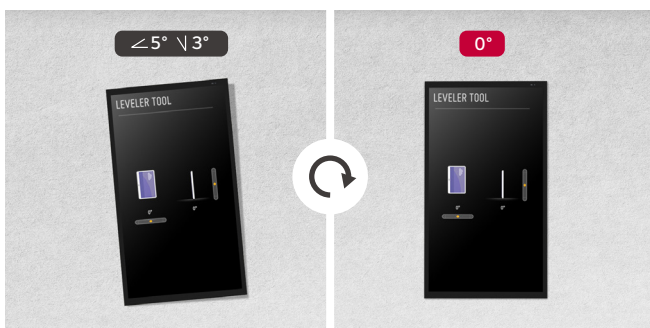
Built-in Wi-Fi & Bluetooth®

Built-in Wi-Fi and Bluetooth allow easy wireless transfer and distribution of content, help to prevent data hijacking, and ensure convenient and efficient device operation. Additionally, the XE3P is equipped with a beacon that delivers real-time information, using location data for display content.



Vandalism Alert

If the sensor detects the XE3P experiencing an impact above a certain threshold or deviating from its original installation angle, it sends an alert to the administrator, enabling a quick response to issues like vandalism.



Easy Installation

For easy installation, the XE3P is equipped with a self-leveler tool for checking horizontal and vertical levels during installation, reducing the burden of installation work.

* The availability of leveler tool feature may differ by model.



High-performance with webOS 6.1

LG webOS 6.1, upgraded with SoC* and web engine, is available on the XE3P for smooth execution of several tasks. The XE3P enhances user convenience with its intuitive user interface, and it also facilitates easy app development by being compatible with programming languages such as HTML, JavaScript®, and CSS.

* SoC : System on Chip

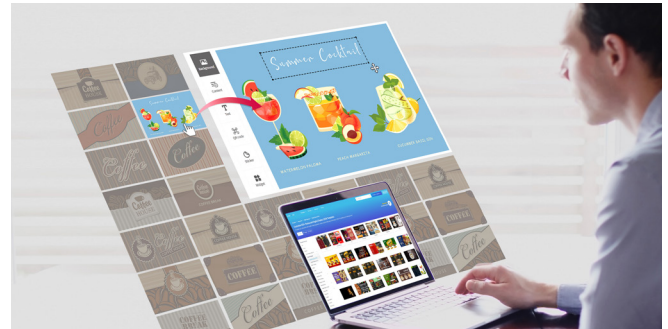
Control with Ease, Even from Afar



Smart Monitoring & Control

LG ConnectedCare®

LG SuperSign® Cloud



Web Monitoring

The LG Control Manager*, an embedded web monitoring program, is user-friendly and enables the user to have full access anywhere at anytime from their mobile phone or PC while having access to both current and past data. It allows the user to monitor the unit, make adjustments, and control the unit remotely in real time.

* Enabled by wired LAN connection

Professional Content Partners

Pairing the XE3P with LG SW solutions* would enhance its utilization.

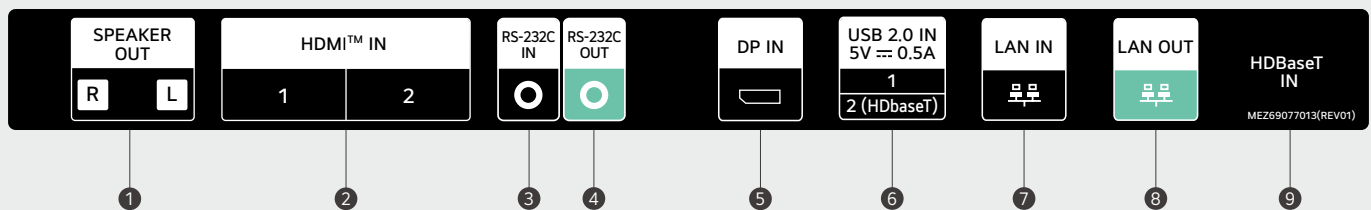
1. ConnectedCare- A powerful cloud-based solution that provides remote monitoring and control of LG signage devices.
2. SuperSign Cloud- An integrated and intuitive management system, for creative signage content

* Sold separately



CONNECTIVITY

55" / 49"



① SPEAKER OUT

② HDMI IN

③ RS-232C IN

④ RS-232C OUT

⑤ DP IN

⑥ USB 2.0 IN

⑦ LAN IN

⑧ LAN OUT

⑨ HDBaseT IN

SPECIFICATIONS

		55XE3P-B	49XE3P-B
Panel	Screen Size (Inch)	55"	49"
	Panel Technology	IPS, M+	IPS, M+
	Back Light Type	Direct	Direct
	Aspect Ratio	16:9	16:9
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Refresh Rate	60 Hz	60 Hz
	Brightness	3,500 nits (Typ.), 2,800 nits (Min.)	3,500 nits (Typ.), 2,800 nits (Min.)
	Contrast Ratio	1,000:1	1,300:1
	Dynamic CR	500,000:1	500,000:1
	Color Gamut	72%	67%
	Viewing Angle (H x V)	178 x 178	178 x 178
	Color Depth (Number of Colors)	8 bit, 16.7 Million Colors	10 bit, 1.07 Nillion Colors
	Response Time	9 ms (G to G BW) (Typ.)	9 ms (G to G BW) (Typ.)
	Surface Temperature	3%	3%
	Lifetime	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)
	Operation Hours (Hours / Day)	24 / 7	24 / 7
Portrait / Landscape	Yes / Yes	Yes / Yes	
QWP (Quarter Wave Plate)	Yes	Yes	
Connectivity (Jack Interface)	Input	HDMI (2, HDCP 2.2), DP (HDCP 2.2), RS-232C (4 pin Phone Jack), R145 (LAN, HDBaseT), USB 2.0 Type A (2)	
	Output	External Speaker (L/R, 10 W + 10 W), RS-232C, RJ45 (LAN)	
Mechanical	Bezel Color	Black	Black
	Bezel Width	38.4 / 26 / 26 / 38.4 mm	38.4 / 26 / 26 / 38.4 mm
	Weight (Head)	lbs. / 38 kg	lbs. / 31.2 kg
	Packed Weight	lbs. / 43.5 kg	lbs. / 36.2 kg
	Monitor Dimension (W x H x D)	1,292.5 x 737.4 x 88.0 mm	1,153.0 x 656.2 x 88.0 mm
	Carton Dimensions (W x H x D)	1,446 x 890 x 207 mm	1,287 x 797 x 207 mm
Protection Glass	Thickness	5 mm	5 mm
	Degree of Protection	Yes (IK10)	Yes (IK10)
	Tempered / Chemical Strengthening	Tempered	Tempered
	Anti-Reflective	Yes	Yes
	Infrared-Resistance (IR)	Yes	Yes
Hospitality Features	Shatter-Proof	Yes	Yes
	Wi-Fi / Bluetooth, Temperature Sensor, IR Temperature Sensor, Auto Brightness Sensor, Pixel Sensor, Current Sensor, BLU Sensor, Humidity Sensor, Acceleration (Gyro) Sensor, Power Indicator, FAN		
Special Features	webOS 6.1, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Booting Logo Image, No Signal Image, RS-232C Sync, Local Network Sync, Backlight Sync, PIP, PBP (2), Video Tag (4), Play via URL, Screen Rotation, External Input Rotation, Gapless Playback, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN (LAN In HOLET POC, Nemark Being Fewer No ri, Die, sির Setting,		
Environment Conditions	Operation Temperature	-30 °C to 50 °C	-30 °C to 50 °C
	Operation Humidity	5% to 100%	5% to 100%
Power	Power Supply	AC 100-240 V -, 50/60 Hz	AC 100-240 V -, 50/60 Hz
	Power type	Built-in Power	Built-in Power
Power Consumption	Type. / Max.	380 W / 430 W	350 W / 380 W
	BTU (British Thermal Unit)	1,126 BTU/Hr (Typ.), 1,365 BTU/Hr (Max.)	1,024 BTU/H (T.), 1,194 BTU/Hr (Max.)
	Smart Energy Saving (70%)	180 W	150 W
	DPM	Under 0.5 W	Under 0.5 W
	Power Off	Under 0.5 W	Under 0.5 W
Certification	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC / VCCI
	ErP / Energy Star	Yes / No	Yes / No
Software Compatibility	SuperSign (CMS, Control+, Cloud, L ConnectedCare		
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, Arabic, Turkish, Polski (Polska), Arab	
Accessory	Basic	Remote Controller, Power COrd, Manual (EIG, IG), Regulation Book, Phone to RS-232C Gender, HDMI Cable, Power Cable, Screws	
Product Dedicated Feature	Heat Dissipation	Heat Exchange	
	Noise Level	62 dB	

*Specifications are subject to change without notice. Please make sure to check the product manual for details about project usage.