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

High-Brightness IP-Rated Outdoor Display XE4P-M

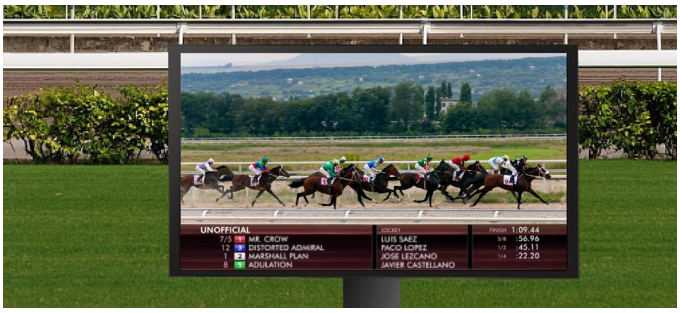
Durable Outdoor Display with Clear Picture Quality, Even in Direct Sunlight

- Anti-Discoloration
- 4,000 nits High Brightness
- High Reliability
- Energy Efficiency
- webOS Platform
- Smart Monitoring & Control

XE4P-M	
Screen Size / Panel	55", 49" / IPS, M+
Native Resolution	1,920 × 1,080 (FHD)
Brightness	4,000 nits (Typ.), 3,200 nits (Min.)
Portrait / Landscape	Yes / Yes
Dimension (W × H × D) / Weight	55" : 1,292.5 × 737.4 × 88 mm / 38 kg 49" : 1,153 × 656.2 × 88 mm / 31.2 kg
Key Features	Temperature Sensor, Auto Brightness Sensor, Conformal Coating (Power Board)

Stay Bright, Stay Ahead with LG High Brightness Display Solution

IP-Rated Outdoor Display Type



IP-Rated Outdoor Display

LG provides advanced technical solutions equipped with various sensors, offering reliable and effective operations. Even in diverse environments exposed to sunlight, the XE4P-M can enhance your content visibility while alleviating concerns about excessive operational burdens. Designed to fit existing legacy casings, it provides a convenient replacement option. Now is the time to embrace the new standard in outdoor displays.

* Existing legacy casing refers to XE4F.

Be Bright, Stay in Sight

- 4,000 nits High Brightness
- Polarized Sunglasses
- Wide Viewing Angle
- High Picture Quality

High Visibility Under Strong Sunlight

With outstanding high brightness of 4,000 nits (Typ.), the XE4P-M delivers content clearly, captivating passersby. Thanks to IPS technology, viewers can engage with the content from wide viewing angles. Additionally, M+ Color Settings applied to the panel enhances picture color quality, showcasing content vividly for onlookers.

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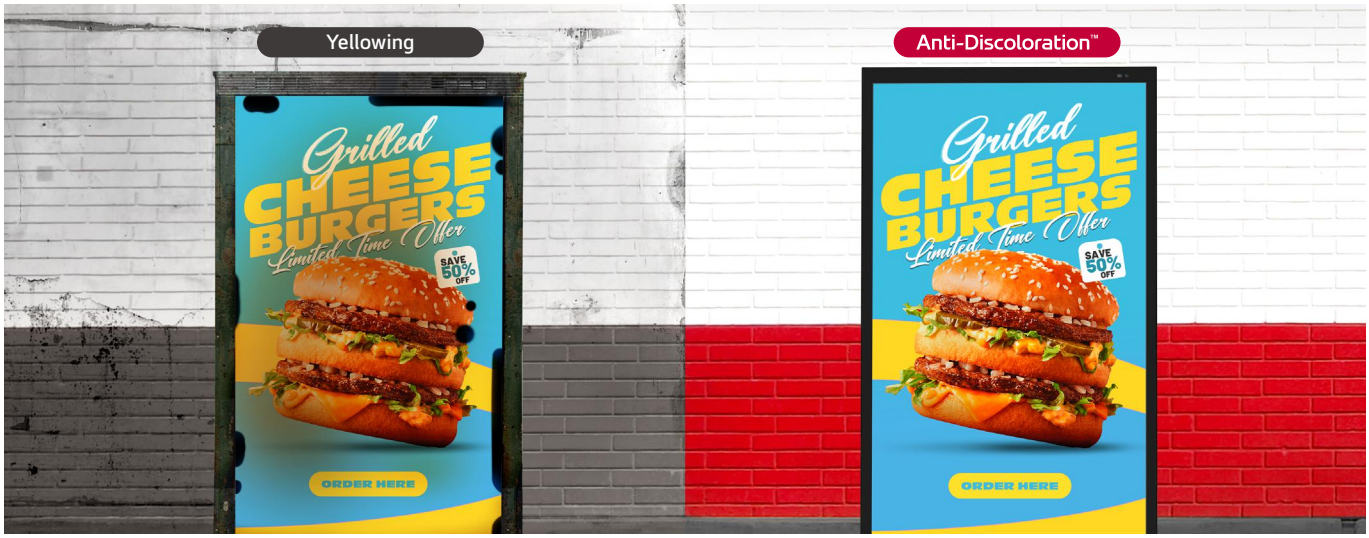
Anti-Discoloration™

Yellowing Resistance

Anti Black Circle

Enhanced Thermal Solution

Display Anti-Discoloration Characteristics Verified



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 XE4P-M 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 XE4P-M can alleviate concerns about screen yellowing, the most common but tricky issue for outdoor digital signage products.

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

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

Enduring and Reliable

IP56 IK10 Wide Operating Temperature Conformal Coating

IP56 Rated Reliability

The XE4P-M 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.

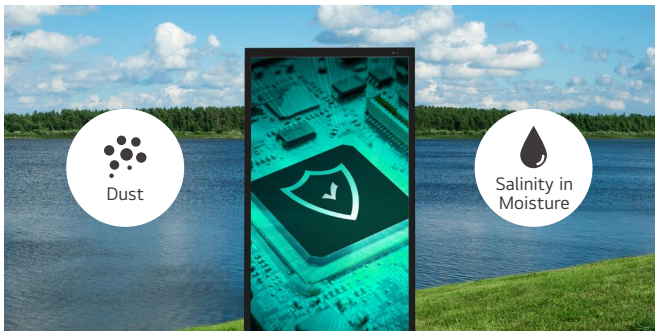
IK10 Protective Glass

The XE4P-M 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 XE4P-M can be used under a wide range of operating temperature from -30℃ to 50℃.

* Conducted by LG internal test, Operating temperature : -30℃~50℃ (without direct sunlight; with direct sunlight in cooling system), -30℃~40℃ (with direct sunlight)



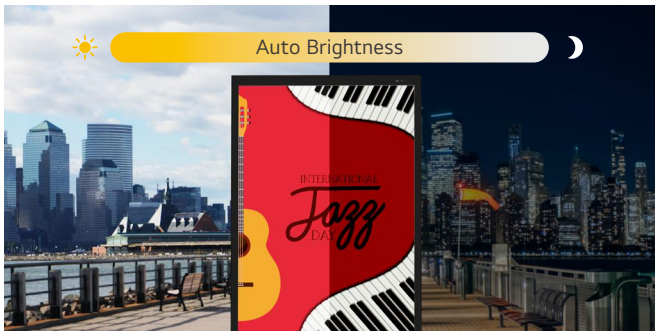
Conformal Coating

Conformal Coating* protects the circuit board and power board against dust, iron powder, humidity, and other contaminants.

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

Save Cost with Optimal Performance

Energy Efficiency Cost Saving



Efficient Energy Management

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. Also, the XE4P-M uses M+ panel that can offer high energy efficiency and cost savings by decreasing power consumption.

* The cost-saving effect may vary depending on the actual power consumption, billing methods, and policies of the respective country and site.
** M+ IPS reduced approximately 35% BLU power consumption (IEC62087, 10 min) compared to RGB IPS, tested under same brightness (@full white, 400 nits).

Easy Energy Management

The XE4P-M provides preset brightness settings suited to different locations and usage environments, enabling easy and effective power consumption 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%

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

Make Maintenance Simple

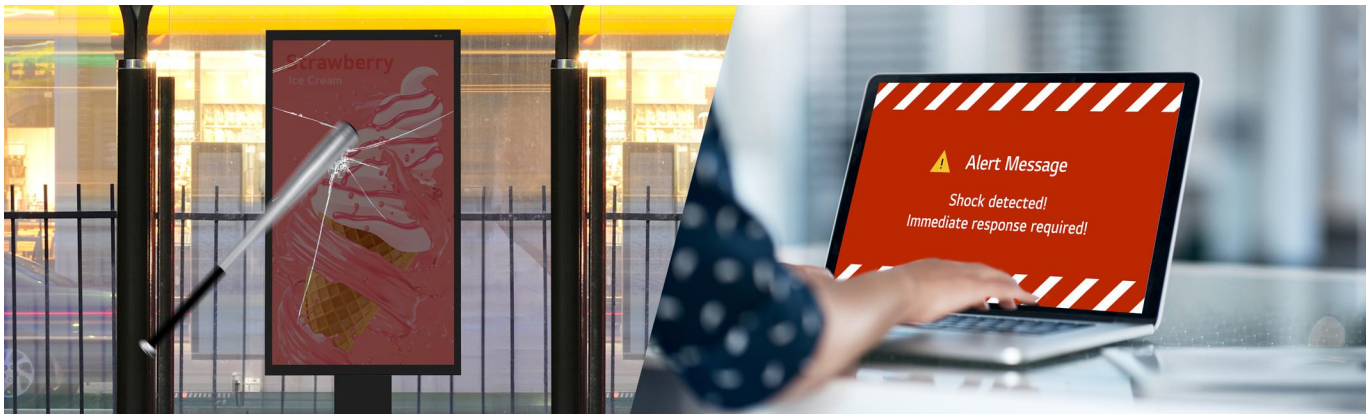
Built-In Wi-Fi | Vandalism Alert | Easy Installation | webOS 6.1

Backlight Sync

When showcasing product menus or advertising a new product, a multi-display setup can be utilized. Operators can easily synchronize backlight values across displays by adjusting the Backlight Sync in the internal settings. This user-friendly feature helps maintain consistent color representation with ease.

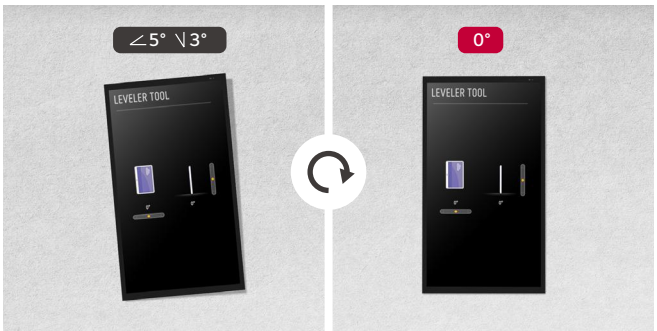
Built-In Wi-Fi & Bluetooth

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 XE4P-M is equipped with a beacon that delivers real-time information, using location data for display content.



Vandalism Alert

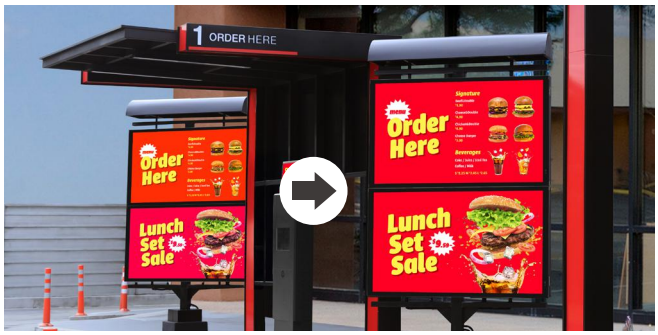
If the sensor detects the XE4P-M experiencing an impact above a certain threshold or deviating from its original installation angle, it sends an alert to the administrator, enabling a quick response to issues like vandalism.



Easy Installation

For easy installation, the XE4P-M 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.



Consistent Performance with webOS 6.1

The XE4P-M, featuring LG webOS 6.1 and an upgraded SoC*, supports accurate content playback. If the media player disconnects, it can detect the signal and continue displaying the last active content. It also maintains consistent brightness across multiple displays in a 1×N installation setup, offering uniformity.

* SoC : System on Chip

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

Control with Ease, Even from Afar

Smart Monitoring & Control

LG ConnectedCare

LG SuperSign Cloud

High-Performance with webOS 6.1

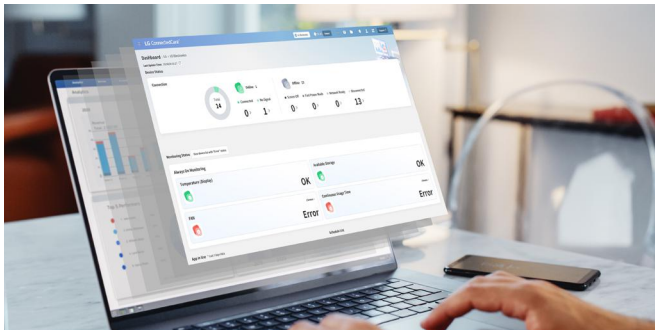
LG webOS 6.1, upgraded with SoC* and web engine, is available on the XE4P-M for smooth execution of several tasks. The XE4P-M enhances user convenience with its intuitive GUI**, and it also facilitates easy app development by being compatible with programming languages such as HTML, JavaScript, and CSS.

* SoC : System on Chip
** GUI : Graphical User Interface

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.

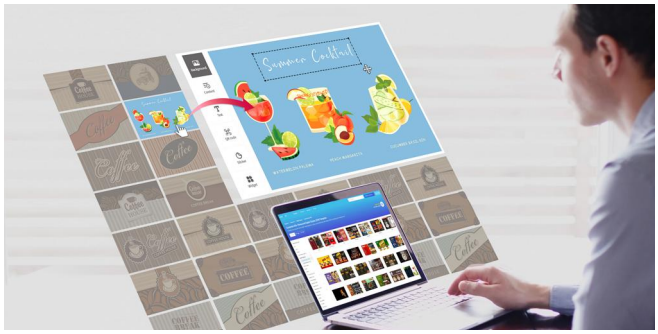
* Enabled by wired LAN connection



Energy Consumption Dashboard

With LG ConnectedCare*, users can easily monitor their energy usage on a daily, weekly, and monthly basis. The platform provides comparative data on energy consumption, enabling users to effectively track and manage their energy habits. When paired with Energy Saving mode of the display, users can also estimate their energy savings.

* LG ConnectedCare is sold separately.



Professional Content Partners

Pairing the XE4P-M with LG SW solutions* would enhance its utilization.

* Sold separately

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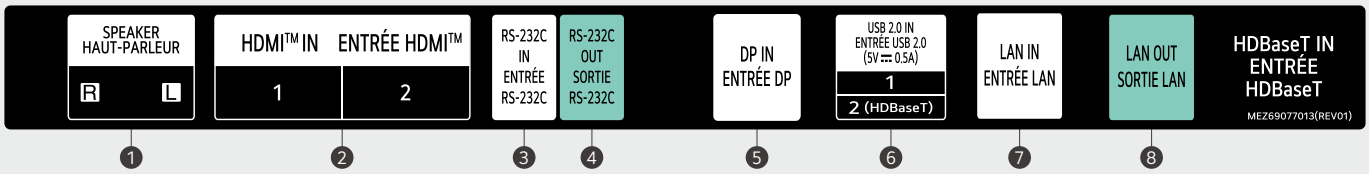
CONNECTIVITY

55" / 49"



1 SPEAKER
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

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