



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

UL3J Series

LG webOS UHD Signage



Superb Picture Quality
with Ultra HD Resolution



Sophisticated
Slim Design



High-Performance
with webOS 6.0



Various Sensor
Connection



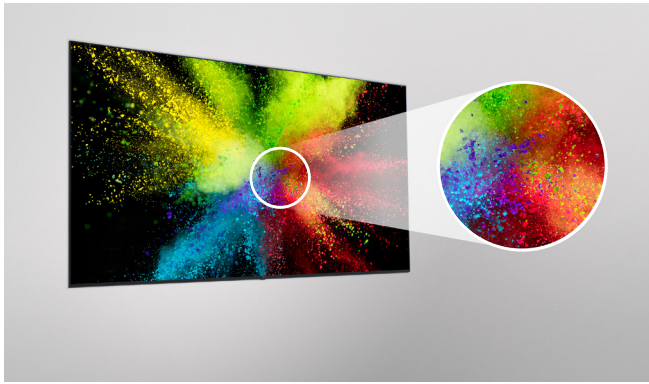
Compatible with
LG One:Quick | Share



Compatible with
AV Control Systems

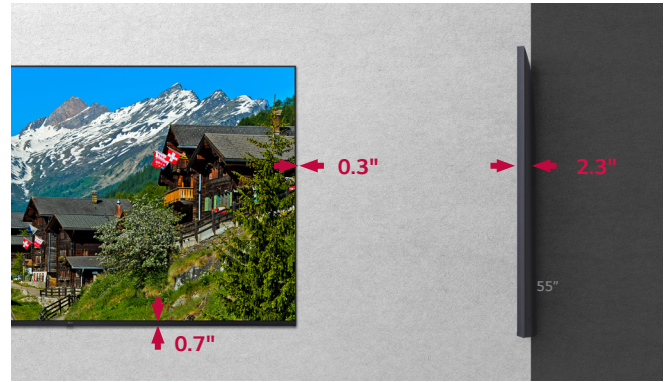
UL3J Series

Sizes	86" / 75" / 65" / 55" / 50" / 43"
Screen Resolution	3,840 x 2,160 (UHD)
Operation Time	16 Hours / 7 Days
Brightness	86" / 75": 330 nits 65" / 55" / 50": 400 nits 43": 300 nits
LG Solution Compatibility	LG One:Quick Share, LG ConnectedCare, LG SuperSign CMS/Control



SUPERB PICTURE QUALITY WITH ULTRA HD RESOLUTION

With Ultra HD resolution, the color and details of the content are vivid and realistic. In addition, the wide viewing angle of LG's IPS panel allows for people to observe from virtually any viewing angle.



SOPHISTICATED SLIM DESIGN

This series is thin in bezel size and thickness*, which saves space and enables easy installation. In addition, it increases the immersive experience from the screen and provides a sophisticated design, improving the décor of the space where the product is installed.

* Compared to LG's UL3G series



HIGH-PERFORMANCE WITH LG webOS 6.0

LG's webOS Signage 6.0 implemented using our System-on-Chip design enables smooth execution of several tasks and custom apps.



VARIOUS SENSOR CONNECTIVITY

LG webOS smart signage platform helps to easily provide value-added solutions by supporting simple connections with external sensors* such as GPIO, NFC/RFID, temperature sensors, etc., via USB plug-in.

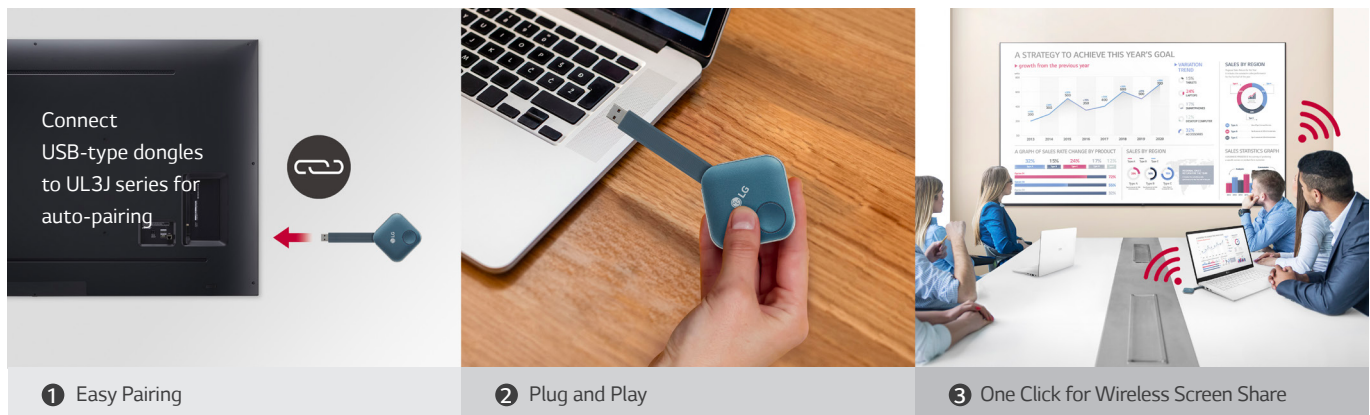
* External sensors need to be purchased separately and tested for compatibility with webOS platform.



COMPATIBLE WITH VIDEO CONFERENCE SYSTEMS

For effective visual meeting, the UL3J series supports its compatibility with Cisco solutions that offers powerful and integrated control* for a smarter video conference.

* Using an HDMI cable connection (HDMI cable is optional)



THE LG WIRELESS SCREEN SHARING ACCESSORY **LG One:Quick** | Share

LG One:Quick Share is a wireless screen sharing solution* compatible with the UL3J series, USB transmission unit, and its app. You can simply share personal PC screen to the display by connecting directly using embedded Wi-Fi. You can adjust the basic setting values (volume, picture mode, auto bright, etc.) of the connected display without a remote control. Also, the Office Meeting can display the agenda and important notes before the meeting starts.

* LG One:Quick Share needs to be purchased separately.

** Users can enable Office Meeting Mode at EZ Setting Menu of the Signage.



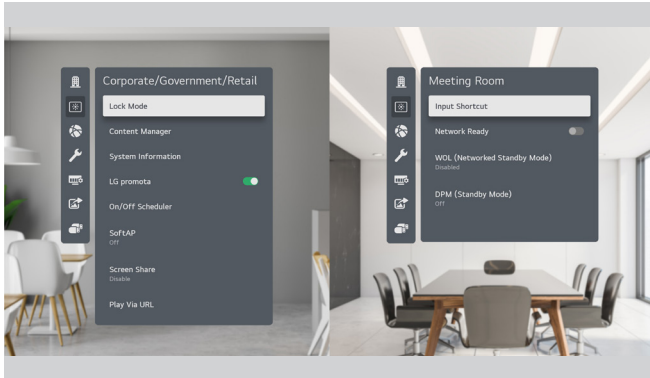
REMOTE MONITORING AND CONTROL

This web-based monitoring solution enables you to monitor the UL3J, make adjustments and control the unit remotely in real time while also providing access to both current and past performance data.



COMPATIBLE WITH AV CONTROL SYSTEMS

The UL3J series supports Crestron Connected® for compatibility with professional AV controls to achieve virtually seamless integration and automated network-based control.



EASY MENU SETUP FOR VERTICAL NEEDS

Feature menus are organized based on preset industry configurations moving the most commonly-used features to the top of the menu based on the environment you select.



BUILT-IN SPEAKERS

Contents will be enriched with sound effects from built-in speakers without the need for purchasing or installing external speakers.



EASY CONTENT DISTRIBUTION & SW UPDATE

The UL3J series features embedded Wi-Fi making it easy to distribute content wirelessly and update Firmware under the same network.



WIRELESS ACCESS POINT

UL3J series operates as a virtual router which can be a wireless access point for mobile devices.



REAL-TIME LG ConnectedCare SERVICE

Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

* The availability of the service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.



EPEAT REGISTERED

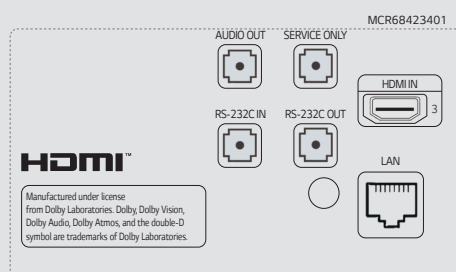
The Electronic Product Environmental Assessment Tool (EPEAT) is a method for several layers of customers to evaluate the effect of a product on the environment. UL3J-E models are EPEAT Bronze certified displays (does not include 86UL3J-B).

* Registered on April, 2021

CONNECTIVITY

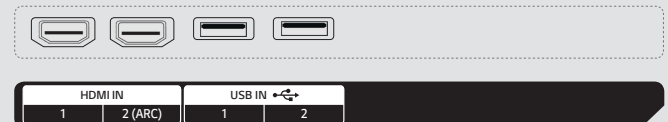
75" / 65" / 55" / 50" / 43"

Rear



* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

Side



PANEL		86UL3J-B	75UL3J-E	65UL3J-E	55UL3J-M	50UL3J-M	43UL3J-M
	Screen Size	86"	75"	65"	55"	50"	43"
	Panel Technology	IPS	IPS	IPS	IPS	IPS	IPS
	Back Light Type	Direct	Direct	Direct	Direct	Direct	Direct
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	120 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness (Typ.)	330 nits	330 nits	400 nits	400 nits	400 nits	300 nits
	Contrast Ratio	1200:1	1200:1	1200:1	1200:1	1200:1	1200:1
	Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Color gamut	DCI 80%	DCI 80%	DCI 80%	DCI 80%	DCI 80%	DCI 80%
	Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°
	Color Depth	1.07Billion colors(8bit + FRC)	1.07 Billion colors (8bit + FRC)	1.07 Billion colors (8bit + FRC)	10bit, 1.07 Billion colors	10bit, 1.07 Billion colors	10-bit (D), 1.07 Billion colors
	Response Time (G to G)	5 ms	8 ms	8 ms	8 ms	12 ms	8 ms
	Surface Treatment (Haze)	3%	1%	1%	3%	3%	3%
	Lifetime	30,000 Hours	30,000 Hours	30,000 Hours	30,000 Hours	30,000 Hours	30,000 Hours
	Operation Hours (Hours/Days)	16/7	16/7	16/7	16/7	16/7	16/7
	Portrait / Landscape	Landscape Only	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
SOUND	Built-in Speaker	Yes	Yes	Yes	Yes	Yes	Yes
CONNECTIVITY	HDMI 1.4 In	Yes (x3), HDCP 2.2	Yes (x3), HDCP 2.2	O(3), HDCP2.2/1.4	O(3), HDCP2.2/1.4	O(3), HDCP2.2/1.4	O(3), HDCP2.2/1.4
	RS-232C In	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)
	RJ45 (LAN)	Yes	Yes	Yes	Yes	Yes	Yes
	USB 2.0 Type-A	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)
	Audio Out	Yes	Yes	Yes	Yes	Yes	Yes
	RS-232C Out	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)	3.5mm Stereo (4-pin)
MECHANICAL	Bezel Color	Navy Blue (Near Black)	Navy Blue (Near Black)	Navy Blue (Near Black)	Navy Blue (Near Black)	Navy Blue (Near Black)	Navy Blue (Near Black)
	Bezel Width (Off Bezel)	6.9 / 6.9 / 6.9 / 18.4 mm	7.9 / 7.9 / 7.9 / 18.4 mm	6.8 / 6.8 / 6.8 / 18.4 mm	6.9 / 6.9 / 6.9 / 18.4 mm	7.3 / 7.3 / 7.3 / 18.4 mm	6.9 / 6.9 / 6.9 / 18.4 mm
	Bezel Width (On Bezel)	15.9 / 15.9 / 15.9 / 19.9 mm	13.9 / 13.9 / 13.9 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm
	Weight	99.6 lbs / 45.2 kg	68.3 lbs / 31.4 kg	47.4 lbs / 21.5 kg	30.9 lbs / 14 kg	25.8 lbs / 11.7 kg	19.4 lbs / 8.8 kg
	Shipping Weight	127.2 lbs / 57.7 kg	88.8 lbs / 40.3 kg	60.6 lbs / 27.5 kg	41.4 lbs / 18.8 kg	32.2 lbs / 14.6 kg	24.0 lbs / 10.9 kg
	Dimensions (W x H x D)	75.9 x 43.5 x 2.4 in 1927 x 1104 x 59.9 mm	66.1 x 38.0 x 2.4 in 1678 x 964 x 59.9 mm	57.2 x 33.0 x 2.3 in 1454 x 838 x 57.7 mm	48.6 x 28.1 x 2.6 in 1235 x 715 x 57.5 mm	47.8 x 25.6 x 2.2 in 1215 x 651 x 57.1 mm	38.1 x 22.2 x 2.2 in 967 x 564 x 57.1 mm
	Shipping Dimensions (W x H x D)	83.3 x 47.8 x 9.0 in 2115 x 1215 x 228 mm	71.7 x 43.9 x 7.9 in 1820 x 1115 x 200 mm	63.0 x 38.2 x 6.8 in 1600 x 970 x 172 mm	53.5 x 31.9 x 6.4 in 1360 x 810 x 162 mm	47.8 x 30.5 x 6.0 in 1215 x 775 x 152 mm	41.5 x 26.0 x 5.6 in 1055 x 660 x 142 mm
	Handle	No	No	No	No	No	No
	Stand	No	No	No	No	No	No
	VESA™ Standard Mount Interface	600 x 400	400 x 400	300 x 300	300 x 300	200 x 200	200 x 200
FEATURES	Internal Memory	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB
	Built-in Wi-Fi	Yes	Yes	Yes	Yes	Yes	Yes
	Temperature Sensor	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Brightness sensor	Yes	Yes	Yes	Yes	Yes	Yes
	Local Key Operation	Yes (Power On/Off only)	Yes (Power On/Off only)	Yes (Power On/Off only)	Yes (Power On/Off only)	Yes (Power On/Off only)	Yes (Power On/Off only)
	Fanless Design	Yes	Yes	Yes	Yes	Yes	Yes
	webOS ver.	webOS6.0	webOS 6.0	webOS 6.0	webOS 6.0	webOS 6.0	webOS 6.0
	Local Contents Scheduling	Yes	Yes	Yes	Yes	Yes	Yes
	Group Manager	Yes	Yes	Yes	Yes	Yes	Yes
	USB Plug & Play	Yes	Yes	Yes	Yes	Yes	Yes
	Fail over	Yes	Yes	Yes	Yes	Yes	Yes
	Bootting Logo Image	Yes	Yes	Yes	Yes	Yes	Yes
	No Signal Image	Yes	Yes	Yes	Yes	Yes	Yes
	RS-232C Sync	Yes	Yes	Yes	Yes	Yes	Yes

FEATURES		86UL3J-B	75UL3J-E	65UL3J-E	55UL3J-M	50UL3J-M	43UL3J-M
	Local Network Sync	Yes	Yes	Yes	Yes	Yes	Yes
	Screen Share	Yes	Yes	Yes	Yes	Yes	Yes
	Video Tag	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)
	Play via URL	Yes	Yes	Yes	Yes	Yes	Yes
	Screen Rotation	Yes	Yes	Yes	Yes	Yes	Yes
	External Input Rotation	Yes	Yes	Yes	Yes	Yes	Yes
	Gapless Playback	Yes	Yes	Yes	Yes	Yes	Yes
	Setting Data Cloning	Yes	Yes	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes	Yes	Yes
	ISM Method	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Set ID	Yes	Yes	Yes	Yes	Yes	Yes
	Status Mailing	Yes	Yes	Yes	Yes	Yes	Yes
	Control Manager	Yes	Yes	Yes	Yes	Yes	Yes
	Crestron Connected	Yes	Yes	Yes	Yes	Yes	Yes
	Smart Energy Saving	Yes	Yes	Yes	Yes	Yes	Yes
	PM mode	Yes	Yes	Yes	Yes	Yes	Yes
	Wake on LAN	Yes	Yes	Yes	Yes	Yes	Yes
	Network Ready	Yes	Yes	Yes	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes	Yes	Yes	Yes
	HDMI-CEC	Yes	Yes	Yes	Yes	Yes	Yes
	SI Server Setting	Yes	Yes	Yes	Yes	Yes	Yes
	webRTC	Yes	Yes	Yes	Yes	Yes	Yes
	Pro.Idiom	Yes	Yes	Yes	Yes	Yes	Yes
POWER & ENVIRONMENT	Operation Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
	Power Supply	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Consumption (Typ.)	220 W 751 BTU/Hr	155 W 528.88 BTU/Hr	130 W 443.578 BTU/Hr	105 W 358.274 BTU/Hr	105 W 358.274 BTU/Hr	80 W 273 BTU/Hr
	Power Consumption (Max.)	300 W 1024 BTU/Hr	220 W 750.67 BTU/Hr	187 W 638.071 BTU/Hr"	160 W 545.943 BTU/Hr	150 W 511.821 BTU/Hr	120 W 409 BTU/Hr
	Smart Energy Saving (70%)	154 W	108.5 W	91 W	73.5 W	66 W	56 W
	DPM	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
	Power off	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
	Operation Temperature	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C
	Operation Temperature (Portrait Scene)	n/a	32°F to 95°F 0°C to 35°C"	32°F to 95°F 0°C to 35°C	32°F to 95°F 0°C to 35°C	32°F to 95°F 0°C to 35°C	32°F to 95°F 0°C to 35°C
CERTIFICATION	FCC Class "A" (Regulatory)	Yes	Yes	Yes	Yes	Yes	Yes
	CE (Regulatory)	Yes	Yes	Yes	Yes	Yes	Yes
	ErP / Energy Star (Environmental)	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	ePEAT (US only) (Environmental)	No	Yes	Yes	Yes	Yes	Yes
LG SOFTWARE & SERVICES*	SuperSign CMS	Yes	Yes	Yes	Yes	Yes	Yes
	SuperSign Control / Control+	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	SuperSign White Balance	Yes	Yes	Yes	Yes	Yes	Yes
	SuperSign Media Editor	Yes	Yes	Yes	Yes	Yes	Yes
	Promota	Yes (Not available for EU/CIS)	Yes (Not available for EU/CIS)	Yes (Not available for EU/CIS)	Yes (Not available for EU/CIS)	Yes (Not available for EU/CIS)	Yes (Not available for EU/CIS)
	Signage 365 Care	Yes	Yes	Yes	Yes	Yes	Yes
WARRANTY & ACCESSORIES	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
	Onscreen Display Languages	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Turkish, Arabic, Polski					
	Accessories	Remote Control (w/ 2 batteries), Power Cord, Regulation Book, Phone to D-Sub9 Adapter, Cable Holder					

* Signage 365 Care, Promota, SuperSign CMS, Control+, and Media Editor are optional paid software/services.

