



Life's Good.

## **LG MAGNIT MICRO LED DISPLAYS LAUNCHED WITH MEGAPIXEL'S HELIOS PLATFORM**

*ProAV Series MicroLED Displays Unlock Powerful UX/UI Functionality;  
New 163- and 136-inch All-In-One 4K LG MAGNIT Models Added*

**LINCOLNSHIRE, Ill., Sept. 23, 2025** — [LG Electronics USA](#) has launched the popular LG MAGNIT ProAV Series MicroLED displays (LSAP series) with Megapixel's HELIOS® LED Processing Platform. This platform unlocks advanced user experience (UX) and user interface (UI) functionalities including real-time mapping, multi-user control, superior color control, hyper-speed seam correction (via game controller), monitoring and diagnostics. LG is also expanding its all-in-one direct-view LED (LAAA series) portfolio, adding new 163- and [136-inch](#) LG MAGNIT All-In-One 4K models.

“Our new LSAP MicroLED displays are important innovative additions to our existing range of LG MAGNIT models,” said Michael Kosla, B2B senior vice president at LG Electronics USA. “With Megapixel's HELIOS processing platform, these LG MAGNIT displays have the capability to utilize powerful UX and UI functionalities, providing system integrators and end users with even more control and an excellent overall user experience.”

The HELIOS LED Processing Platform adds advanced control and management capabilities to the LG MAGNIT LSAP MicroLED displays. Features include real-time mapping, support for multiple users, color adjustment tools, seam correction options using a game controller, and built-in monitoring and diagnostic functions.

Highlighting LG customer benefits of embedding Megapixel technology into the popular LG MAGNIT displays, Jeremy Hochman, Megapixel CEO, said, “Our HELIOS platform enables security and stability with crucial monitoring capabilities, and our superior color management pipeline ensures perfect content reproduction all the time.”

### **MicroLED ProAV Series**

LG MAGNIT ProAV Series MicroLED displays are available now in three models: LSAP007, LSAP009 and LSAP012, with pixel pitches of 0.78mm, 0.94mm and 1.25mm, respectively. The improved displays feature a series of significant upgrades, including high-performance refresh rates and lifelike color reproduction.

Across the entire LG MAGNIT ProAV Series portfolio, the new cabinet design improves structural integrity while simplifying installation. Enhanced mounting systems and the introduction of

F.L.A.T Technology\* allow for precise module alignment and a nearly seamless visual presentation that further streamlines setup and contributes to consistent, uniform image quality across the entire display.

These LG MAGNIT MicroLED displays also feature upgraded internal circuitry to deliver stunning color reproduction throughout the series. The LSAP012 now features double the refresh rate, making it ideal for high-performance environments. Due to its high refresh rate options, LSAP is the easy choice because of its clear reproduction of fast-moving images on the screen (e.g., boardrooms and home theaters) and for its exceptional video capture on camera (e.g., virtual production and broadcast studios).

Due to its high refresh rate options, LSAP series displays are the easy choice because of its clear reproduction of fast-moving images on the screen (e.g., boardrooms and home theaters) and for its exceptional video capture on camera (e.g., virtual production and broadcast studios).

### **All-in-One Series Expansion**

The new LAAA 163-inch (0.9mm pixel pitch) and [136-inch](#) (1.5mm pixel pitch) LG MAGNIT All-In-One 4K models further expand LG's LAAA series portfolio, which includes an embedded controller simplifying the installation. Control of these displays is as easy as using the infrared remote control or integrating them into a high-end AV Touch Control system via IP commands. These displays include integrated loudspeakers.

Built-in Quad Core SoC (System on Chip) executes several tasks at once, for providing smooth content playback; and LG's webOS™ smart platform enhances user convenience with its intuitive user interface, provides system integrators and developers simple app development tools such as SDK (Software Development Kit) and SCAP (Signage Common Application Platform).

LG MAGNIT's revolutionary chip transfer, full black coating and newly incorporated surface treatment technology unite to provide outstanding black expression, vibrant colors, heightened contrast and an unparalleled immersive visual experience.

The complete range of LG MAGNIT displays for various business and luxury spaces includes the LSAB MicroLED displays in 0.78mm, 0.94mm and 1.25mm pixel pitches (available with TAA compliance in select models).

To learn more about the upgraded LG MAGNIT LSAP ProAV Series MicroLED Displays, please click [here](#). For images, click [here](#). For more on the full LG MAGNIT line click [here](#).

*\* Front-Line Aligned Tiling Technology*

**About LG Electronics USA**

LG Electronics USA serves commercial display customers in the U.S. lodging and hospitality, digital signage, systems integration, healthcare, education, government and industrial markets. Based in Lincolnshire, Ill., with its dedicated engineering and customer support team, LG's U.S. Media Entertainment Solution B2B division delivers business-to-business technology solutions tailored to the particular needs of business environments. Eleven-time ENERGY STAR® Partner of the Year LG Electronics USA Inc., headquartered in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics Inc., a leading smart life solutions company with annual global revenues of more than \$60-billion from consumer electronics, home appliances, HVAC solutions and vehicle components. For more information, please visit [www.LGSolutions.com](http://www.LGSolutions.com). Stay up to date with @LGforBusinessUSA on [LinkedIn](#), [Instagram](#), [Facebook](#) and [YouTube](#).

**About Megapixel**

[Megapixel](#) is considered a foremost authority in cutting-edge professional display technology and video processing for premium brands, visionary creatives, and design-led homes. Founded by Jeremy Hochman and Keith Harrison, our team of engineers and designers consistently delivers unique and breakthrough LED solutions to market. We help our clients bring bold ideas to life in ways that inspire a sense of wonder and make the seemingly impossible possible. With over 300 patents and award wins from Live Design, the Emmys, and the Oscars, we continually push the boundaries of digital displays and set new standards for the industry. Contact Megapixel at [sales@megapixelvr.com](mailto:sales@megapixelvr.com)

*Media Contacts:*

LG Electronics USA

Kim Regillio  
+1 815 355 0509  
[kim.regillio@lge.com](mailto:kim.regillio@lge.com)

Caleigh McDaniel  
[caleigh@griffin360.com](mailto:caleigh@griffin360.com)