



LG MAGNIT
LARGER THAN LIFE



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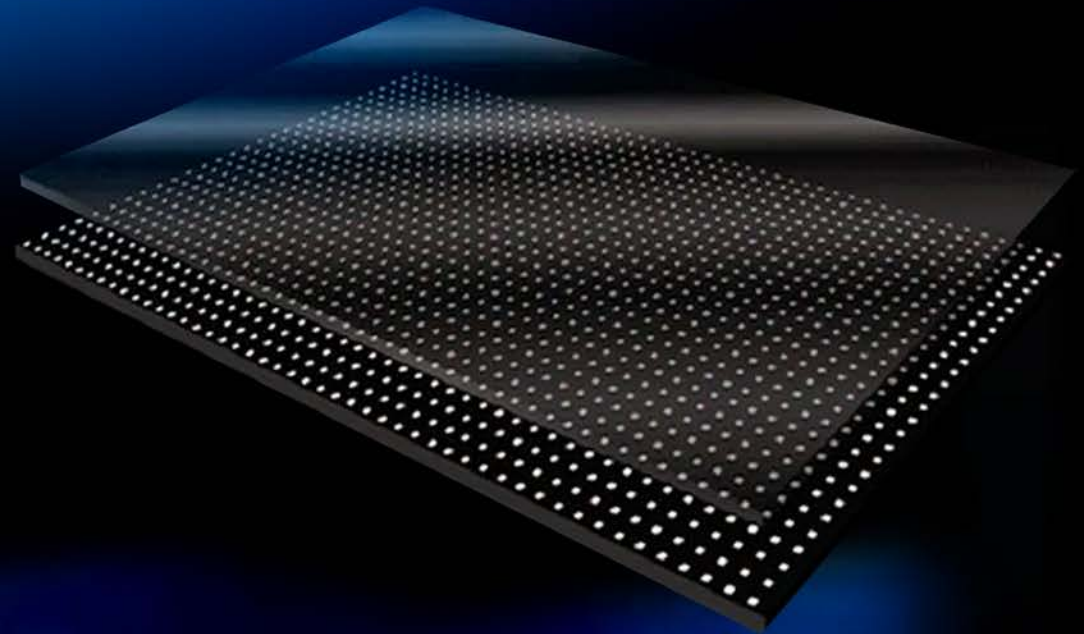
LG's MAGNIT displays deliver "Larger than Life" images in stunning detail.

LG's MAGNIT DVLED display is comprised of a colorful mosaic of Micro LED chips that can deliver stunning images as the content creator intended, with vivid colors, breathtaking contrast, and ultra-fine detail. LG's Deep Black Technology, a powerful Alpha 7 processor, and LG's HDR10 Pro2 combine to produce eye-catching images that will immerse viewers and create a memorable experience. Bring your imagination to life with LG MAGNIT.

DEEP BLACK TECHNOLOGY

Deep Black Technology delivers striking contrast and vivid colors.

MAGNIT displays remove the package surrounding the RGB LED chips and apply LG's full black coating technology to deliver deep black levels and an impressive 150,000:1 (@10 lux) contrast ratio. Thanks to this superb high contrast ratio, images possess stunning definition as "hidden," ultra-fine details are revealed with brilliant color reproduction and breathtaking contrast.



INTELLIGENT PROCESSOR

Alpha 7 Intelligent Processor optimizes image quality

Adopted from LG's TV technology, the Alpha 7 Intelligent Processor recognizes and analyzes the original content and optimizes image clarity and sharpness. It also works with an image sensor to deliver the appropriate display brightness level based on changing ambient light conditions.

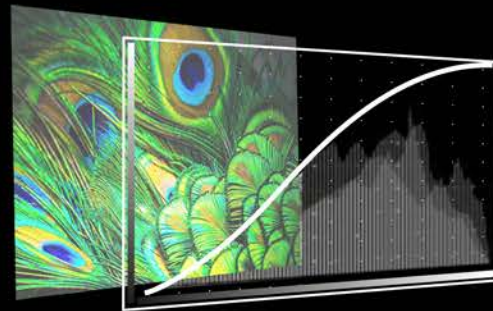


VIVID COLOR EXPRESSION

Vivid color expression powered by HDR10 and enhanced by LG's HDR10 Pro²

Support for HDR10 and HDR10 Pro* content reveals vivid images, thanks to enhanced dynamic tone mapping that produces a wider color spectrum of over one billion color possibilities. Viewers will be captivated by content displayed in stunning realism.

* HDR10 Pro is LG's HDR solution to process HDR signals using enhanced dynamic tone mapping.



Wide 160° horizontal and vertical viewing angles give everyone the "best seat in the house".

Wide 160° horizontal and vertical viewing angles minimize off-axis viewing color distortions and ensure that viewers will experience outstanding image reproduction no matter where they sit.



RUGGED DESIGN

Rugged design for added peace of mind.

To reduce the potential for environmental damage and downtime, several layers of coated film protect the LED chips from risks caused by water drops, dust, and physical impact.**

The smooth surface of the LG MAGNIT maintains its elegant profile, even when off. This surface can be kept free of fingerprints by simply wiping it with a chemical-free, soft cloth.

To reduce power consumption, the screen turns off, and the main circuit components inside the LED cabinet enter standby mode when no input signal is detected. A remote control is used to reactivate the display quickly and easily.

** Based on in-house testing in accordance with the certification criteria or under actual operating conditions.



700mm



SEAMLESS AV CONTROL

Crestron® compatible for seamless AV control integration

LG's MAGNIT display is Certified Crestron Connected® and is compatible with various professional AV control systems to provide seamless integration and network-based control, boosting business management efficiency. It also features a 4K UHD LED Controller Module, remote control, video scaling, 3.6GB memory, and Wi-Fi for screen sharing.

Intuitive system controls simplify operation.

Thanks to the intuitive user interface adopted from general LG digital signage, users can easily access display settings using a remote control, eliminating the need to connect a PC.



21:9 DISPLAY CONFIGURATIONS

21:9 screen ratio capability delivers a rich Microsoft Teams® "Front Row" layout experience.

For users of Microsoft® "Front Row," the LG MAGNIT can display the necessary 21:9 screen ratio to deliver the full experience of Front Row by matching Microsoft's maximum resolution of 2560 x 1080.

$$\left(\frac{4}{3}\right)^3 = \frac{4}{3} \cdot \frac{4}{3} \cdot \frac{4}{3} = \frac{64}{27} = \text{"21:9"}$$

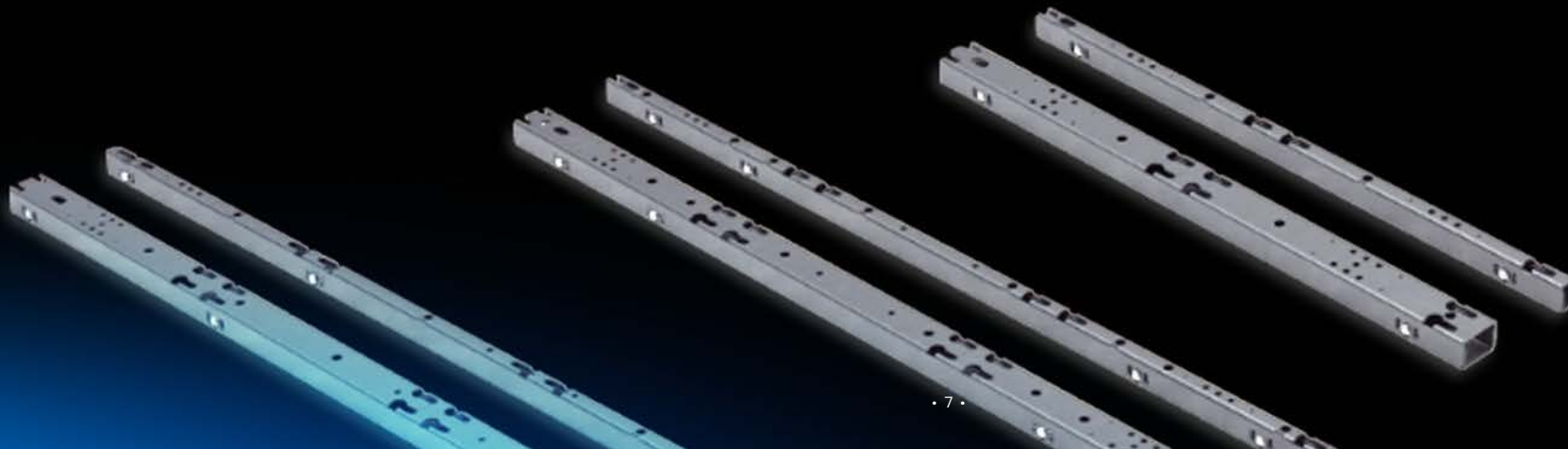
CABLE-LESS FLEXIBLE DESIGN

Optimum Cable-less Design simplifies installation.

Wireless broadband transmission technology eliminates signal and power cable connections between the cabinets. The only cable connections include connecting the screen to its system controller and power.

Wall mounts provide flexible installation options.

Three pairs of wall mount accessories and a frame kit are provided as options for LG MAGNIT. The wall mounts can be combined with any screen size for clean, neat installations. LG's Ultimate Business Display has several fully-kitted configurations of MAGNIT with different sizes and aspect ratios. For custom settings, MAGNIT can be customized to virtually any size or resolution desired.





81"

Full HD MAGNIT Ultimate Business Display - LSAB-F081C

Pixel Pitch 0.9mm; Max Brightness 600 nits

MAGNIT displays can deliver brilliant, high-resolution images and breathtaking color in virtually any ambient light condition – a big plus over projectors. Plus they are Certified Crestron Connected® and compatible with other professional AV control systems.

Conference Room Application

393"

Dual 4K MAGNIT Ultimate Business Display - LSAB-V393C

Pixel Pitch 1.2mm; Max Brightness 800 nits

Captivate spectators with strong visual effects and lifelike image reproduction, thanks to the high brightness of MAGNIT, which allows it to display brilliant images in a wide range of ambient light conditions.



eSports Arena Application



102"

21:9 "Front Row" MAGNIT Ultimate Business Display - LSAB-TEAM102

Pixel Pitch 0.9mm; Max Brightness 600 nits

For users of Microsoft Teams® "Front Row" layout, the LG MAGNIT can display the necessary 21:9 screen ratio to deliver the full experience of Front Row by matching Microsoft's maximum resolution of 2560 x 1080.

Microsoft Teams 21:9 Application

21:9



108"

Full HD MAGNIT Ultimate Business Display - LSAB-F108C

Pixel Pitch 1.2mm; Max Brightness 800 nits

MAGNIT can create a relaxing atmosphere, display important arrival and departure information, and generate advertising revenue.

Airport Signage Application



147"

Dual 2K MAGNIT Ultimate Business Display - LSAB-G147C

Pixel Pitch: 0.9mm; Max Brightness: 600 nits

The advanced MAGNIT display can provide critical information, allowing command centers to better manage and respond to various situations.

Control Room Application



151"

21:9 "Front Row" MAGNIT Ultimate Business Display - LSAB-TEAM151

Pixel Pitch 1.2mm; Max Brightness 800 nits

For users of Microsoft® "Front Row" layout in Teams Rooms, the LG MAGNIT can display the necessary 21:9 screen ratio to deliver the full experience of Front Row.

Microsoft Teams 21:9 Application



163"

4K Ultra HD MAGNIT Ultimate Business Display - LSAB-U163C

Pixel Pitch 0.9mm; Max Brightness 600 nits

Live video content shown on MAGNIT displays can easily be seen in various ambient light conditions in crisp Ultra HD resolution.

House-of-Worship Application

196"

Dual 2K MAGNIT Ultimate Business Display - LSAB-G196C

Pixel Pitch 1.2mm; Max Brightness 800 nits

Premium retailers can use MAGNIT displays to reinforce their brand positioning, impress customers, and showcase key products, brands, and unique services.

Retail Store Application



217"

4K Ultra HD MAGNIT Ultimate Business Display - LSAB-U217C

Pixel Pitch 1.2mm; Max Brightness 800 nits

The brilliance of MAGNIT will impress hotel guests while generating additional revenue through co-op advertising opportunities with travel partners and local attractions, in addition to promoting loyalty programs, hotel events, and amenities.

Hotel Lobby Application

4K



294"

Dual 4K HD MAGNIT Display - LSAB-V294C

Pixel Pitch 0.9mm; Max Brightness 600 nits

For a viewing experience like no other, LG's MAGNIT series truly puts "the theater" in home theater, thanks to LG's Deep Black Technology and HDR10 Pro. See images as the content creator intended, with vivid colors and breathtaking contrast.

← *Extreme Home Cinema Application*

8K

325"

8K HD MAGNIT Ultimate Business Display - LSAB-U325C

Pixel Pitch 0.9mm; Max Brightness 600 nits

MAGNIT shines in large halls, thanks to its wide 160° viewing angle, allowing everyone to have the "best seat in the house."



Higher Ed Auditorium Application →



COMPLETELY CUSTOM

Let Us Build Your Custom MAGNIT Display

If you have more unique requirements, LG can easily create a customized MAGNIT display to suit your needs. Options include total size, unique shapes, and pixel pitch.

← *Fitness Center Application*



Rugged Flight Cases provide solid protection.

A premium display deserves premium treatment. Each MAGNIT Ultimate Business Display ships in LG's wheeled, protective cases that feature custom packaging to ensure your system arrives organized and without issue – free from damage or missing parts. And the case's exterior is branded with the LG logo, signifying the company's commitment to MAGNIT's amazing product quality.
