

LG MAGNIT

118" All-in-One 4K Ultra HD Display



* All images in this brochure are for demonstration purposes only.

* Product availability may vary by region. For detailed information, please contact your local LG sales representative.

Redefine Every Moment, Enrich Your Life

Experience the utmost sophistication and brilliance exclusively delivered by LG MAGNIT. Introduce state-of-the-art innovation into the heart of your home, elevating your lifestyle and enriching every precious moment and living space.



LG MAGNIT

Experience a Paradigm Shift in Visual Technology

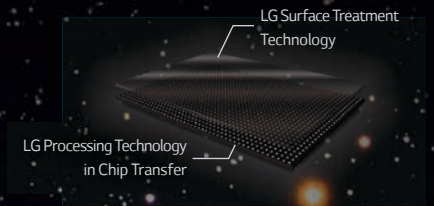
LG MAGNIT incorporates Micro LED technology, ensuring vivid, high-contrast color representation, breathtaking detail, and captivating sound. It elevates the entertainment experience to unprecedented heights, encompassing a diverse range of cutting-edge features.

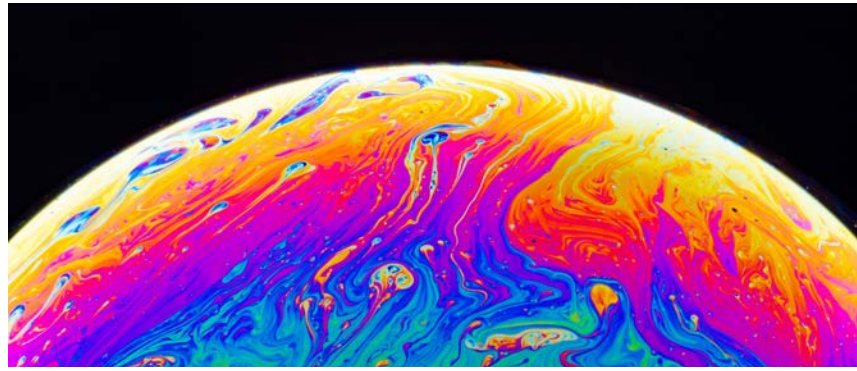


Begin a Journey of Pure Visual Splendor with LG Micro LED Technology

Envision starlit night skies or a radiant galaxy directly before your eyes.

With LG MAGNIT, prepare to be immersed in an artistic experience, where every detail captivates and mesmerizes.





Vivid Colors, Full of Wonder

The display's solid blacks render breathtaking colors resulting in immersive content. The more vivid the colors, the greater your wonder will be. Indulge in a festival of colors on a panoramic masterpiece.



Astonishing Contrast, Awakened Details

LG MAGNIT creates a surprisingly deep contrast. LG achieves this by removing the original RGB packaging and replacing it with its own full black coating technology. This enhances the color vividness and reveals even the tiniest details, that were previously hidden in the shadows, to provide a realistic sense of immersion.



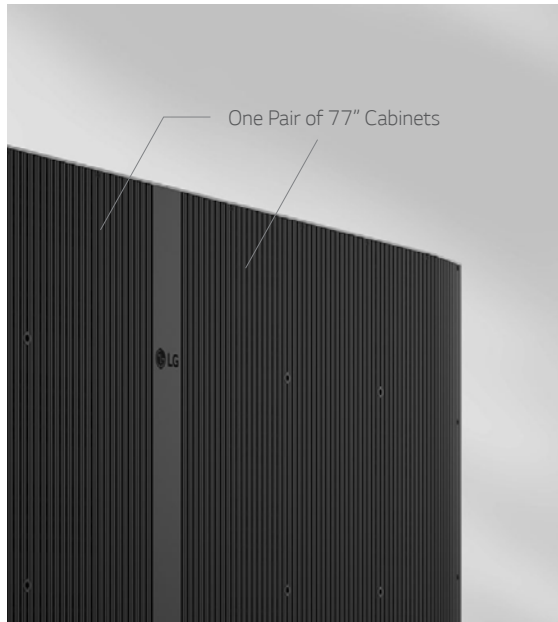
Visual Spectacle From Virtually Anywhere

Experience advanced color uniformity with LG's innovative chip transfer and surface treatment technology, inviting you to indulge in a captivating visual spectacle from different viewing perspectives.

The Ideal Addition to Your Exquisite Home

Experience technological advancement and luxury with LG MAGNIT. It combines pioneering technology with an expansive screen that will become the crown jewel of your space. With the versatility of a stand or wall-mounting option, you can position it according to your preference. Feel the grandeur of a 118" screen that can elegantly grace any corner of your home.





Complete Integration into One Seamless Screen

LG's groundbreaking module processing technology merges multiple modules into a single unit. This minimizes gaps and meticulously intertwines them to create the impression of one expansive screen.

Delivering the Latest Technology with Speed

By integrating two 77" cabinets into one expansive screen, LG has significantly reduced the labor intensity of the 118" display.



Your Favorite Content Comes to Life

LG MAGNIT redefines visual excellence with its groundbreaking AI processor. Utilizing extensive databases and deep learning algorithms, this system intelligently analyzes and enhances image quality, revealing even the subtlest details. Immerse yourself in a new realm of captivating visuals with LG Micro LED.



Picture Optimization
with Auto Genre Selection



Dynamic Tone Mapping
Pro



Face Enhancement
& Text Upscaling



Enjoy More, Enjoy Better

With webOS23 and LG's latest system-on-chip technology, unlocking a world of diverse content, from fitness and sports to entertainment and beyond, becomes easier and more intuitive. Immerse yourself in next-level entertainment with an extensive selection of content options.



Meticulously Tailored for Your Pleasure

LG MAGNIT is equipped with various user-friendly features to help you easily enjoy the innovative viewing experience delivered by ultra high definition in super-sized screens.



Diverse Streaming Options

LG MAGNIT supports Miracast & AirPlay2, enabling direct streaming from your gadgets to a more expansive, engaging display. Relish the realism of 1:1 scale content, from vibrant sports displays featuring beloved athletes to meticulously captured emotions exhibited by actors.



Your Own Digital Gallery

Thanks to its very own mobile app, MAGNIT 118" becomes the canvas on which famous works of art can be displayed. Whether curating your own collection of masterpieces or casting a gallery of family photos – MAGNIT makes home living into a work of art.

An incredible Audio-visual Experience in Partnership with Bang & Olufsen

Exquisite picture quality and immersive powerful audio, working in harmony to redefine the luxury home cinema experience.

* B&O speakers require separate purchase and installation.
(<https://www.bang-olufsen.com/en/int/speakers/beolab-90>)



Bang & Olufsen Audio Solutions

Bang & Olufsen's rich heritage, spanning 97 years of design and audio excellence, makes an excellent match for LG MAGNIT. When adding the flagship Beolab 90 or Beolab 50 speakers to the screen, the result is an immersive cinematic experience with seamless, large-scale images and powerful, nuanced sound.



Beolab 90



Beolab 50



Redefine Your Space, Inspire Every Moment

Unleash the full potential of your space with the 118" LG MAGNIT. Whether you prefer a classic mood or a modern trend, LG MAGNIT transforms your surroundings into a reflection of your unique style and taste.



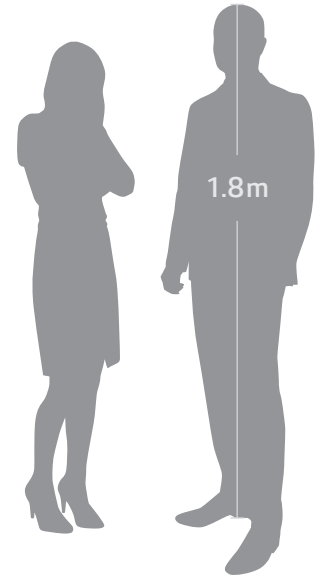
LG MAGNIT

118" MAGNIT All-in-One 4K Specifications

Display	Model Number	LSAL006
	Pitch Name	P0.68
Physical Parameters	Pixel Configuration	Micro
	Pixel Pitch (mm)	0.68
	Screen Resolution	3,840 x 2,160
	Module Dimensions (WxH,mm)	163.2 x 146.88
	No. of Modules per Screen (WxH)	16 x 10
	Screen Resolution (WxH)	3,840 x 2,160 UHD
	Min. Screen Dimensions including bezel (W x H x D)	103.0 x 58.0 x 0.6 in. 2,615.2 x 1,472.8 x 14.01 mm
	Min. Screen Dimensions (W x H x D)	102.8 x 57.8 x 0.3 in. 2,611.2 x 1,468.8 x 6.9 mm
	Max. Screen Dimensions including bezel (W x H x D)	103.0 x 58.0 x 3.9 in. 2,615.2 x 1,472.8 x 98.5 mm
	Max. Screen Dimensions (W x H x D)	102.8 x 57.8 x 3.9 in. 2,611.2 x 1,468.8 x 98.5 mm
	Screen Surface Area	41.3 ft ² / 3.84 m ²
	Weight of the screen	310.9 lbs. / 141 kg
	Physical Pixel Density (pixels/m ²)	2,162,629
	Flatness of Cabinet (mm)	±0.5
	Cabinet material	Die-cast Aluminum
	Service access	Front
	Built-in Speakers	100 W (50 W+50 W)
	Built-in Controller	MSAL-0062
	Connectivity	HDMI In(4), Digital Audio Out, USB In(2), RS232C In, LAN In
Optical Specifications	Max Brightness After Calibration	250 nits
	Color Temperature (K)	4,800-9,300 / Default 7,300
	Visual Viewing Angle (Horizontal)	160
	Visual Viewing Angle (Vertical)	160
	Brightness Uniformity	95%
	Color Uniformity	±0.002Cx,Cy
	Contrast Ratio	150,000:1 @10lux
	Processing Depth (bit)	20 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Screen, Max.)	1,470
	Power Consumption (W/Screen, Avg.)	1,050
	Power Consumption (W/m ² , Max.)	383
	Heat Dissipation (BTU/h/Screen, Max.)	5,016
	Heat Dissipation (BTU/h/Screen, Avg.)	3,583
	Heat Dissipation (BTU/h/m ² , Max.)	1,307
	Power Supply (Vac)	100 to 240
	Frame Rate (Hz)	100 / 120
	Refresh Rate (Hz)	3,840
Operation Specifications	LED Lifetime (Half brightness)	Up to 100,000 hours
	Operating Temperature(°F/ °C)	32°F to +104° / 0°C to +40°
	Operating Humidity	10-80%RH
	IP rating Front	IP50
	IP rating Rear	IP20
Warranty & Other	Warranty	3 Year Limited
	Certifications & Standards	CE, FCC, ETL, CB, RoHS, REACH

* Product availability may differ by region. Please contact your local LG sales representative for more information.

4K 118"



TÜV Rheinland Eye Comfort ¹

In line with international certification standards, LG MAGNIT 118" is engineered to emit significantly lower levels of blue light, ensuring a captivating big-screen experience with reduced visual fatigue.



BS 476 Part 7 Class 1 ²

LG MAGNIT proudly holds a prestigious BS 476 Part 7 Class 1 rating, confirming its compliance with the British standard for assessing flame spread. With its exceptional fire resistance, our product contributes to your home's safety and offers peace of mind.

¹ The LSAL006-G2* LED module passed a TÜV Rheinland-approved test following "2 PFG Q2498/09.19 Eye Comfort: 2.0 Evaluation". This covers aspects like White Balance, Color Difference, Gamma Difference, Wide Color Gamut, Low Blue Light, and Flicker Management. (Verification Code: Q50598152)

² The LED module with product number (LSAL***-****) was evaluated for spread of flame at 1.5min and final spread of flame under BS 476 Part7:1997COR.1:2014 procedures, verified by BST Testing Co., Ltd in July 2023, and satisfied Class 1 (165+25mm) standard requirements (Certification number XD444237674070401SR).