



* All the M5 series come with wall-mount bracket, not stand.

77"

* Class size: See below for details.

The OLED evolution continues with true wireless video and audio connectivity

Experience the revolutionary M5 OLED evo TV with wireless 4k 144Hz connectivity.* The included Zero Connect Box brings simplicity to TV installation by removing the need to run multiple HDMI cables to the TV eliminating wire clutter and allowing versatile TV placement. With the Zero Connect Box, all your media devices plug into the box that wirelessly transmits up to a 4K 144Hz signal from up to 30 feet away from your OLED TV.* And the included wall bracket allows the TV to be mounted like a picture with no gap.**

**Zero Connect Box must be placed within direct line of sight up to 30 feet from the OLED TV in an enclosure free environment, and lower than the TV's wireless receiver. TV and Zero Connect Box plug into the wall for power.

**Depending on installation environment, there may be a slight gap between the TV and the wall. Installation requirements vary. See installation guide for details.

- World's No. 1 OLED
- Wireless Video & Audio Transfer w/ Zero Connect Box
- Brightness Booster Ultimate
- Bright Room Ready
- Alpha 11 AI Processor Gen2

Key Benefits

WORLD'S NO. 1 OLED TV BRAND

Celebrating 12 years of perfecting award-winning OLED TV technology.*

*Source: Omdia. Unit shipments, 2013-2024. Results are not an endorsement of LG Electronics. Any reliance on these results is at the third-party's own risk. Visit <https://www.ondia.com/> for more details.

TRUE WIRELESS VIDEO & AUDIO TRANSFER W/ ZERO CONNECT BOX

The Zero Connect Box brings simplicity to TV installation. The Zero Connect Box removes the need to run multiple cables to the TV removing wire clutter and allowing versatile TV placement. With the Zero Connect Box, all your media devices plug into the box that wirelessly transmits from up to 30 feet away from your TV.

*Zero Connect Box must be placed within 30 feet. TV and Zero Connect Box plug into the wall for power.

**Zero Connect Box must be placed within direct line of sight up to 30 feet from the TV in an enclosure free environment, and lower than the TV's wireless receiver. TV and Zero Connect Box plug into the wall for power.

BASK IN THE GLOW OF OUR BRIGHTEST OLED YET

LG's brightest, most vivid OLED evo, is 45% brighter than its predecessor* thanks to LG's exclusive breakthrough technology, Brightness Booster Ultimate. The result is luminous picture that makes every detail shine — only from LG.*

*Based on LG internal testing: OLED evo M5/G5 peak brightness is 45% brighter than OLED B5 models at 10% APL.

BRIGHT ROOM READY

Verified by UL for Discomfort Glare Free (UGR less than 22), you can be confident your LG OLED TV performs great no matter the room or the lighting. With LG OLED you still experience perfect black that delivers stunning picture other brands just can't match.

THE PEAK WATCHING EXPERIENCE FROM OUR FASTEST NEXT GEN PROCESSOR

Enjoy personalized, crisp picture and sound no matter what you watch with AI Picture Pro and AI Super Upscaling*. Find and choose what to watch fast and without lag. See movies in perfected tone with AI Director Processing. These elements and more make up the peak LG OLED watching experience, powered by LG's one-of-a-kind processor.

*Image quality of upscaled content will vary based on source resolution.



Specifications

PICTURE (PANEL)

Display Type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Brightness Booster	Brightness Booster Ultimate
Refresh Rate	120Hz Native (VRR 144Hz)
Perfect Black	Yes
Wide Color Gamut	OLED Color

PICTURE (PROCESSING)

Picture Processor	α11 AI Processor 4K Gen2
AI Picture	Yes
AI Upscaling	α11 AI Super Upscaling 4K
AI Genre Selection	Yes (SDR/HDR)
AI Brightness Control	Yes
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)
HDR (High Dynamic Range)	Dolby Vision / HDR10 / HLG
Dolby Vision	Yes
FILMMAKER MODE™	Yes
Dimming Technology	Pixel Dimming
Motion	OLED Motion

GAMING

Game Optimizer	Yes (Game Dashboard)
G-Sync Compatible (Nvidia)	Yes
FreeSync Compatible (AMD)	Yes
VRR (Variable Refresh Rate)	Yes (Up to 144Hz)
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes
Response Time	<0.1 ms

SMART TV

Operating System (OS)	webOS 25
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Home Hub	Yes
Amazon Alexa (Built-in)	Yes (Built-in)
Works with Amazon Alexa	Yes
Works with Hey Google	Yes
Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Google Cast built-in	Yes
Hands-free Voice Control	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Multi View	Yes
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Sports	Yes

Matter	Yes
AI Concierge	Yes
AI Search	Yes
AI Chatbot	Yes
Voice ID	Yes
Copilot	Yes
Generative AI	Yes
Content Partners	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more

AUDIO

Speaker System	4.2 channel
Speaker Direction	Down Firing
Dolby Atmos	Yes
AI Sound	α11 AI Sound Pro (Virtual 11.1.2 Up-mix)
Clear Voice Pro	Yes (AI Object Remastering)
WiSA Ready	Yes (Up to 2.1 Channel)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
LG Sound Sync	Yes
Sound Mode Share	Yes
Bluetooth Surround Ready	Yes (2 Way Playback)
WOW Orchestra	Yes
Simultaneous Audio Output	Yes

CONNECTIVITY

Wi-Fi Standard	Yes (Wi-Fi 6E)
Bluetooth Support	Yes (v 5.3)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC1.0 (Terrestrial), QAM (Cable)
Smartphone Remote App	Yes (LG ThinQ)
HDMI Input	3ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT (3 port))
HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	2ea (v 2.0)
RF Input (Antenna/Cable)	1ea
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea
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POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption (W)	231 W
Annual Power Consumption (kWh/y)	425 kWh/y



Specifications

OLED77M5PUA (77.4" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions without Stand (WxHxD)	67.4" x 38.8" x 1.0"
Zero Connect Box (WxHxD)	9" x 4.8" x 9"
Shipping Dimensions (WxHxD)	86" x 44.5" x 9"
TV Weight without Stand	78.3 lbs
Shipping Weight	107.8 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174106211

ACCESSORIES INCLUDED

Stand	No
Wall Mount	Yes
Remote	Magic Remote MR25
Remote Control Battery	Yes (AAA x 2EA)
Power Cable	Yes (Attached)
IR Blaster	Yes
Quick Start Guide	Yes
E-Manual	Yes

WARRANTY

Limited Warranty	1 Year Parts & Labor *5 Year Panel
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*In the 1st year of the limited warranty, panel, parts and labor costs are covered. In the 2nd year of the limited warranty, only panel is covered; labor will be charged. The 5-year limited panel warranty is available for the OLED M/G5 Series.