

OLED77W7T

LG SIGNATURE OLED TV W

Picture and Display Quality

OLED Panel (Self Lighting)
 4K UHD (3840 x 2160)
 Active HDR (High Dynamic Range)
 Dolby Vision™
 Perfect Black
 Enhanced Motion Clarity
 Infinite Contrast Ratio
 Wide Colour Gamut

Convenience Features

OLED Gallery
 Magic Remote & Voice Commands
 Quad-Core Processor
 Smart Share (Intel's WiDi, Miracast)
 Time Machine Compatible
 HDR Game Mode
 Multi View

Smart TV Features

LG Smart TV - webOS 3.5
 Netflix, Stan, Amazon Video, YouTube
 Netflix Recommended TV
 FreeviewPlus

Audio

60W Total Output
 Dolby Atmos® Sound bar



Overview

LG SIGNATURE Wallpaper TV incorporates a 6mm thin, perfect black OLED screen, Dolby Atmos® sound and an image that displays over 1 billion explosive colours.

OLED Display

LG OLED TV's perfect-black screens and self-lighting pixels provide optimum picture performance with over 1 billion vividly explosive colours.

Active HDR - with Dolby Vision™

Active HDR dynamically enhances the contrast detail of all content scene-by-scene and incorporates industry-leading Dolby Vision™ HDR technology. Combined with stunning colours, LG OLED TVs deliver a truly cinematic viewing experience.

Dolby Atmos® Sound bar

The 60W eight speaker Dolby Atmos® sound bar is integrated with the Wallpaper TV to create a rich and atmospheric sound.

Smart TV*

LG Smart TV webOS delivers an incredible range of streamed content including Netflix, Stan, Amazon Video and YouTube. Used in conjunction with the LG Magic Remote, it's easy to point, click and select your favourite shows.

* Internet connection & streaming services membership (where applicable) required. Internet usage charges and conditions apply.

Freeview Plus uses HbbTV technology which combines broadcast and broadband streaming. Contents and features will vary from time to time.

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DISPLAY & PICTURE QUALITY		SMART SHARE	
Screen Type	OLED	Network File Browser	•
Screen size	77" (195cm)	Miracast ⁸	•
Resolution	3840 x 2160	Intel® Wireless Display (WiDi) ⁹	•
Field Refresh Rate (Hz)	-	Smartphone Remote App ¹⁰	LG TV Plus
Response Time	Less than 1ms	AUDIO FEATURES	
HDR10 - High Dynamic Range ¹	•	Audio Output	60W
Dolby Vision™	•	Speaker System	3 way 8 speaker (4 x Tweeters, 2 x Mid-range, 2 x Woofers)
HLG (Hybrid Log Gamma)	•	Audio Decoder	WMA/MPEG-1/MPEG-2/MP3/Dolby Digital/Dolby Digital Plus/LPCM/ADPCM/DTS/DTS-HD/AAC/Dolby Atmos®
Wide Colour Gamut	•	Surround Mode	ULTRA Surround
Nano Cell Display Technology	-	Dolby Atmos®	•
Backlight Type	None	harman/kardon® design	-
Perfect Black	•	Sound Modes	6 (Standard, Cinema, Clear Voice III, Cricket, Music, Game)
Local Dimming	• (Pixel)	Magic Sound Tuning	•
ULTRA Luminance	•	Smart Sound Mode	•
Screen Design	Flat	Sound Sync Wireless (Bluetooth) ¹¹	•
Colour Bit Depth	10-bit	Audio Return Channel (ARC) ¹²	• (HDMI 2)
Colour Master Engine	•	CONNECTIONS	
Picture Modes	9 (Vivid, Standard, APS, Cinema, Cricket, Game, HDR Effect, ISF Bright Room, ISF Dark Room)	HDMI 2.0a ¹³	• (4)
HDR Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game)	USB 3.0 Input	• (1)
Dolby Vision™ Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game)	USB 2.0 Input	• (2)
SDR>HDR Converter	•	RF Antenna Input	• (1)
HDR Game Mode	•	Component/Composite Input	• (Phone Jack Type - Shared Audio)
Processor	Quad-Core	Headphone (3.5mm) Output	• (1)
Tuner	MPEG-2/4 DVB-T2 (Single)	Digital (Optical) Audio Output	• (1)
Resolution Upscaling	• (6-Step)	LAN Port	• (1)
CONVENIENCE FEATURES		DIMENSIONS / REGULATORY	
Magic Remote	• (Premium)	TV with Stand (WxHxD)	Panel: 1721mm x 989mm x 6mm Soundbar: 1460mm x 84mm x 208mm
Additional Remote	•	TV without Stand (WxHxD)	N/A
Voice Commands ²	•	Net Weight with Stand (kg)	Panel: 12.3kg Soundbar: 13.1kg Wall Bracket: 5.0kg
USB Video Playback Formats	ASF/WMV/AVI (Xvid, H.264/AVC)/MP4/M4v/MOV (H.264, MPEG-4, HEVC)/ MKV (MPEG-2, MPEG-4, H.264, VP8, VP9, HEVC)/TS/TRP/TP/MTS/MPG/MPEG/DAT/VOB/HEVC (Up to 4096x2160p@60p 50Mbps)	Net Weight without Stand (kg)	N/A
USB Music Playback Formats	MP3/WAV/WMA/OGG/FLAC	Carton (WxHxD)	1923mm x 1222mm x 330mm
USB Photo Playback Formats	JPEG/PNG/BMP	Gross Weight of Carton (kg)	49.3kg
User Guide (Built-in)	•	VESA size	Wall Bracket supplied with TV
Time Machine Compatible ³	•	Energy Star Rating	4 Stars
Time Shift ³	•	EAN	8806084441775
Universal Remote Feature ⁴	•	WARRANTY	
EPG (SI - 8 days)	•	Warranty Period	1 Year Warranty - Parts and Labour
OLED Gallery	•	FURTHER INFORMATION	
Multi-View	•	1 Supports HDR10 format, via HDMI, USB and selected streaming services.	
Magic Zoom	•	2 Voice recognition feature is not available in all languages and dialects. Actual performance may vary depending on the language spoken and surrounding environment including ambient noise.	
Simplink (HDMI CEC)	•	3 Dedicated USB Hard Drive (min. 40GB) required for longer recordings and live playback function (sold separately).	
SMART TV FEATURES		4 Some brands not supported, check website for details: www.lgappstv.com/appspc/oss/support.lge	
Smart TV Operating System ⁵	webOS 3.5	5 Internet connection required. Internet usage charges and conditions apply. webOS internet browser supports HTML5, VP9 and HEVC.	
Wi-Fi Built-In	• (802.11ac)	6 FreeviewPlus uses HbbTV technology which combines broadcast and internet streaming. Internet connection is required. Data usage charges and conditions apply.	
4K UHD Streaming ⁷	•	7 Netflix provides content in SD, HD and 4K Ultra HD. Netflix requires a steady internet connection speed of at least 25mbps to stream 4K Ultra HD content, otherwise content will be downscaled to either HD or SD quality based on the available bandwidth. Speeds of 25mbps available in limited locations and may vary depending on time of day. Please check with your internet service provider to confirm the bandwidth speed for your connection. Data usage charges apply.	
Web Browser ⁵	•	8 Miracast compatible Android device required for this feature.	
FreeviewPlus (HbbTV) ⁶	•	9 Intel's WiDi enabled PC must be in range of the TV.	
Netflix ⁷	•	10 'LG TV Plus' on compatible Android devices (minimum Android version 4.2) and iOS devices (minimum iOS version 6.1). Device must be in range, on the same Wi-Fi network as the TV.	
Netflix Recommended TV ⁷	•	11 Uses Bluetooth® 3.0 technology to send audio to compatible LG home audio products.	
My Channels	•	12 Designed to work with compatible LG Audio only.	
		13 HDMI ports support HDCP 2.2 and 60fps @ 2160p.	
		All product specifications correct at time of printing. Specifications may change without prior notice. Customers are advised to check with your retailer before purchase.	