

# OLED55B7T

OLED TV

## LG OLED 4K Ultra HD TV with Active HDR with Dolby Vision™

DISPLAY & PICTURE QUALITY		SMART SHARE	
Screen Type	OLED	Network File Browser	●
Screen size	55" (138cm)	Miracast <sup>8</sup>	●
Resolution	3840 x 2160	Intel® Wireless Display (WiDi) <sup>9</sup>	●
Field Refresh Rate (Hz)	-	Smartphone Remote App <sup>10</sup>	LG TV Plus
Response Time	Less than 1ms	AUDIO FEATURES	
HDR10 - High Dynamic Range <sup>1</sup>	●	Audio Output	40W
Dolby Vision™	●	Speaker System	2 way 4 speaker (2 x High-Mid-range, 2 x Woofers)
HLG (Hybrid Log Gamma) <sup>1</sup>	●	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 Technology	-	Dolby Atmos® <sup>11</sup>	●
Backlight Type	None	harman/kardon® design	-
Perfect Black	●	Sound Modes	6 (Standard, Cinema, Clear Voice III, Cricket, Music, Game)
Local Dimming	●	Magic Sound Tuning	●
ULTRA Luminance	● (Pixel)	Smart Sound Mode	●
Screen Design	Flat	Sound Sync Wireless (Bluetooth) <sup>12</sup>	●
Colour Bit Depth	●	Audio Return Channel (ARC) <sup>13</sup>	● (HDMI 2)
Colour Master Engine	10-bit	CONNECTIONS	
Picture Modes	9 (Vivid, Standard, APS, Cinema, Cricket, Game, HDR Effect, ISF Bright Room, ISF Dark Room)	HDMI 2.0a	● (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)
HDR Effect	●	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	●	LAN Port	● (1)
CONVENIENCE FEATURES		DIMENSIONS / REGULATORY	
Magic Remote	●	TV with Stand (WxHxD)	1229 x 759 x 225
Additional Remote	-	TV without Stand (WxHxD)	1229 x 708 x 48.6
Voice Recognition	●	Net Weight with Stand (kg)	20.5
USB Video Playback Formats	●	Net Weight without Stand (kg)	17.2
USB Music 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)	Carton (WxHxD)	1451 x 826 x 228
USB Photo Playback Formats	MP3/WAV/WMA/OGG/FLAC	Gross Weight of Carton (kg)	27.0
User Guide (Built-in)	JPEG/PNG/BMP	VESA size	300 x 200 (OTW420B wall bracket recommended)
Time Machine Compatible <sup>2</sup>	●	Energy Star Rating	4 Stars
Time Shift <sup>2</sup>	●	EAN	8806084432506
Universal Remote Feature <sup>3</sup>	●	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 Dedicated USB Hard Drive (min. 40GB) required for longer recordings and live playback function (sold separately).	
Simplink (HDMI CEC)	●	3 Some brands not supported, check website for details: <a href="http://www.lgappstv.com/appspc/oss/support.lge">www.lgappstv.com/appspc/oss/support.lge</a>	
SMART TV FEATURES		4 Internet connection required. Internet usage charges and conditions apply. webOS internet browser supports HTML5, VP9 and HEVC.	
Smart TV Operating System <sup>4</sup>	webOS 3.5	5 FreeviewPlus uses HbbTV technology which combines broadcast and internet streaming. Internet connection is required. Data usage charges and conditions apply.	
Wi-Fi Built-In	● (802.11ac)	6 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. Speed of 25mbps available in limited locations and may vary depending on the time of day. Please check with your internet service provider to confirm the bandwidth speed for your connection. Data usage charges apply.	
Web Browser <sup>4</sup>	●	7 Please check with your internet service provider to confirm the bandwidth speed for your connection. Data usage charges apply.	
FreeviewPlus (HbbTV) <sup>5</sup>	●	8 Miracast compatible Android device required for this feature.	
Netflix <sup>6</sup>	●	9 Intel's WiDi enabled PC must be in range of the TV.	
Netflix Recommended TV	●	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.	
My Channels	●	11 The 2017 OLED TV currently supports Dolby Atmos via streaming and USB. Not currently available via HDMI.	
4K UHD Streaming <sup>7</sup>	●	12 Uses Bluetooth® 4.0 technology to send audio to compatible LG home audio products.	
		13 Designed to work with compatible LG Audio only.	
		All product specifications correct at time of printing. Specifications may change without prior notice. Customers are advised to check with your retailer before purchase.	



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## Picture and Display Quality

OLED Panel (Self Lighting)  
4K UHD (3840x2160)  
Active HDR with Dolby Vision™  
Perfect Black  
Enhanced Motion Clarity  
Infinite Contrast Ratio  
Wide Colour Gamut  
Ultra Luminance Technology

## Convenience Features

Magic Remote and Voice Commands  
Smart Share (Intel's WiDi, Miracast)  
Time Machine Compatible

## Smart TV Features

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

## Audio

40W Total Output  
Dolby Atmos  
Ultra Surround



Perfect Black, Over 1 Billion Explosive Colours

## Overview

LG B7 OLED TVs feature perfect black and create vivid, life-like images comprising over 1 billion explosive colours, enhanced by Active HDR with Dolby Vision™ and Dolby Atmos® sound.

## OLED Display

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

## Dolby Atmos® Sound

This series features a modern 4 speaker Dolby Atmos® audio system for a rich and atmospheric sound.

## 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.

## 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. Contents and features will vary from time to time without notice. webOS internet browser supports HTML5, VP9 and HEVC.