SJ850T (55", 60", 65")

Super UHD 4K TV with HDR & Dolby Vision™

| 55" | 60" | 65" |

Picture & Display Quality

4K UHD (3840 x 2160)
200Hz Field Refresh Rate
LED Backlit with Local Dimming
Active HDR (High Dynamic Range)
Dolby Vision™
Nano Cell Technology Panel
Wide Colour Gamut

Convenience Features

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

Smart TV Features

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

Audio

40W Total Output
Sound designed by harman/kardon®
ULTRA Surround

More colours, More Contrast even at Wide Viewing Angles

Overview

LG SJ85 Super UHD TVs with new Nano Cell technology deliver enhanced colour, even at wide viewing angles, so everyone can get a great seat.

Active HDR with Dolby Vision™ and rich harman/kardon sound bring your content to life, while 200Hz field refresh rate provides stunning sports viewing.

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 Super UHD TVs deliver a truly cinematic viewing experience.

Nano Cell Technology

LG Super UHD TVs incorporate advanced screen technology to provide more enhanced colour at wide viewing angles than conventional LG LED/LCD TVs.

Harman Kardon® Sound

Developed in collaboration with leading audio specialist Harman Kardon®, this series boasts highly refined sound.

Smart TV*

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

Notes:

* 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 without notice. webOS internet browser supports HTML5, VP9 and HEVC.

LG Super UHD 4K TV

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DISPLAY AND PICTURE QUALITY

Screen Type	LED/LCD
Screen size	55" (138cm), 60" (151cm), 65" (164cm)
Resolution	3840 x 2160
Field Refresh Rate (Hz)	200
Response Time	-
HDR10 - High Dynamic Range[1]	●
Dolby Vision ™	●
HLG (Hybrid Log Gamma)	●
Wide Colour Gamut	●
Nano Cell Display Technology	●
Backlight Type	Edge-Lit
Perfect Black	-
Contrast Enhancement Film	●
Local Dimming	●
ULTRA Luminance	●
Screen Design	Flat
Colour Bit Depth	10-bit (Native)
Picture Modes	9 (Vivid, Standard, APS, Cinema, Cricket, Game, HDR Effect, ISF Bright Room, ISF Dark Room)
HDR Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game)
Dolby Vision ™ Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game)
HDR Effect Upscaling	●
HDR Game Mode	●
Processor	Quad-Core
Tuner	MPEG-2/4 DVB-T2 (Single)
Resolution Upscaling	● (6-Step)

CONVENIENCE FEATURES

Magic Remote	●
Voice Commands[2]	●
EPG (SI - 8 days)	●
User Guide (Built-in)	●
Time Machine Compatible (HDD Recording)[3]	●
Time Shift	●
Additional Remote	-
Universal Remote Feature[4]	●
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)
USB Music Playback Formats	MP3/WAV/WMA/OGG/FLAC
USB Photo Playback Formats	JPEG/PNG/BMP
OLED Gallery	-
Multi-View	●
Magic Zoom	●
Simplink (HDMI CEC)	●

SMART TV FEATURES

Smart TV Operating System	webOS 3.5
Wi-Fi Built-In	● (802.11ac)
4K UHD Streaming	●
Web Browser	●
FreeviewPlus (HbbTV)[6]	●
Netflix[7]	●
Netflix Recommended TV[7]	●
My Channels	●

SMART SHARE

Network File Browser	●
Miracast[8]	●
Intel® Wireless Display (WiDi)[9]	●
Smartphone Remote App[10]	LG TV Plus

AUDIO FEATURES

Audio Output	40W
Speaker System	2 way 4 speaker (2 x High-Mid-range, 2 x Woofers)
Audio Decoder	WMA/MPEG-1/MPEG-2/MP3/Dolby Digital/Dolby Digital Plus/ LPCM/ADPCM/ apt-X/DTS/DTS-HD/AAC
Surround Mode	ULTRA Surround
Dolby Atmos®	-
harman/kardon® design	●
Sound Modes	6 (Standard, Cinema, Clear Voice III, Cricket, Music, Game)
Magic Sound Tuning	●
Smart Sound Mode	●
Sound Sync Wireless (LG TV)[11]	●
Audio Return Channel (ARC)[12]	● (HDMI 2)

CONNECTIONS

HDMI 2.0a[13]	● (4)
USB 3.0 Input	● (1)
USB 2.0 Input	● (2)
RF Antenna Input	● (1)
Component/Composite Input	● (Phone Jack Type - Shared Audio)
Headphone (3.5mm) Output	● (1)
Digital (Optical) Audio Output	● (1)
LAN Port	● (1)

DIMENSIONS / REGULATORY

TV with Stand (WxHxD)	55": 1229mm x 765mm x 247mm 60": 1338mm x 827mm x 312mm 65": 1452mm x 891mm x 312mm
TV without Stand (WxHxD)	55": 1229mm x 708mm x 58mm 60": 1338mm x 769mm x 59mm 65": 1452mm x 833mm x 59mm
Net Weight with Stand (kg)	55": 19.6kg 60": 23.7kg 65": 28.6kg
Net Weight without Stand (kg)	55": 18.1kg 60": 22.1kg 65": 27.0kg
Carton (WxHxD)	55": 1360mm x 860mm x 162mm 60": 1492mm x 880mm x 190mm 65": 1600mm x 970mm x 190mm
Gross Weight of Carton (kg)	55": 24.3kg 60": 29.4kg 65": 36.5kg
VESA size	300 x 300
Energy Star Rating	55": 5 Stars 60": 5 Stars 65": 5 Stars
EAN	55": 8806084300096 60": 8806084322814 65": 8806084409959

WARRANTY

Warranty Period	1 Year Warranty - Parts and Labour

FURTHER INFORMATION

1 Supports HDR10 format, via HDMI, USB and selected streaming services.
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.
3 Dedicated USB Hard Drive (min. 40GB) required for longer recordings and live playback function (sold separately).
4 Some brands not supported, check website for details: www.lgappstv.com/oppspc/oss/support.lge
5 Internet connection required. Internet usage charges and conditions apply. webOS internet browser supports HTML5, VP9 and HEVC.
6 FreeviewPlus uses HbbTV technology which combines broadcast and internet streaming. Internet connection is required. Data usage charges and conditions apply.
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.
8 Miracast compatible Android device required for this feature.
9 Intel's WiDi enabled PC must be in range of the 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.
11 Uses Bluetooth® 3.0 technology to send audio to compatible LG home audio products.
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.