

LG 4K UHD OLED TV

C7T SERIES (OLED65C7T, OLED55C7T)

LG OLED 4K Ultra HD with Dolby Vision™

65"

55"

Picture & 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
 ULTRA Luminance Technology

Convenience Features

Magic Remote & Voice Commands
 SmartShare (Intel's WiDi, Miracast)
 Time Machine Compatible

Smart TV Features

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

Audio

40W Total Output
 Dolby Atmos®
 ULTRA Surround



Perfect Black, Over 1 Billion Explosive Colours

Overview

LG C7 OLED TVs feature a perfectly black screen creating vivid, life-like images comprising over 1 billion explosive colours, enhanced by Active HDR contrast and Dolby Atmos® sound.

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

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

* 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.

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DISPLAY AND PICTURE QUALITY

| | |
|---|---|
| Screen Type | OLED |
| Screen size | 55" (138cm), 65" (164cm) |
| Resolution | 3840 x 2160 |
| Field Refresh Rate (Hz) | - |
| Response Time | Less than 1ms |
| HDR10 - High Dynamic Range ¹ | • |
| Dolby Vision™ | • |
| HLG (Hybrid Log Gamma) | • |
| Wide Colour Gamut | • |
| Nano Cell Display Technology | - |
| Backlight Type | None |
| Perfect Black | • |
| Local Dimming | • |
| ULTRA Luminance | • (Pixel) |
| Screen Design | Flat |
| Colour Bit Depth | 10-bit (Native) |
| Colour Master Engine | • |
| 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) |
| SDR>HDR Converter | • |
| 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 ⁵ | webOS 3.5 |
| Wi-Fi Built-In | • (802.11ac) |
| 4K UHD Streaming ⁷ | • |
| Web Browser ⁵ | • |
| 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/DTS/DTS-HD/AAC/Dolby Atmos |
| Surround Mode | ULTRA Surround |
| Dolby Atmos ⁸ | • |
| harman/kardon® design | - |
| Sound Modes | 6 (Standard, Cinema, Clear Voice III, Cricket, Music, Game) |
| Magic Sound Tuning | • |
| Smart Sound Mode | • |
| Sound Sync Wireless (Bluetooth) ¹¹ | • |
| Audio Return Channel (ARC) ¹² | • (HDMI 2) |

CONNECTIONS

| | |
|--------------------------------|------------------------------------|
| HDMI 2.0a ¹³ | • (4) |
| HDMI 1.4 | - |
| 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": 1230mm x 750mm x 217mm 65": 1453mm x 873mm x 217mm |
| TV without Stand (WxHxD) | 55": 1230mm x 710mm x 47mm 65": 1453mm x 833mm x 47mm |
| Net Weight with Stand (kg) | 55": 19.2kg 65": 24.7kg |
| Net Weight without Stand (kg) | 55": 17.3kg 65": 22.8kg |
| Carton (WxHxD) | 55": 1446mm x 810mm x 207mm 65": 1677mm x 950mm x 207mm |
| Gross Weight of Carton (kg) | 55": 25.1kg 65": 33kg |
| VESA size | 300 x 200 (OTW420B wall bracket recommended) |
| Energy Star Rating | 55": 4 Stars 65": 4 Stars |

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|-----|--|
| EAN | 55": 8806084435927 65": 8806084438072 |
|-----|--|

WARRANTY

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|-----------------|------------------------------------|
| Warranty Period | 1 Year Warranty - Parts and Labour |
|-----------------|------------------------------------|

FURTHER INFORMATION

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