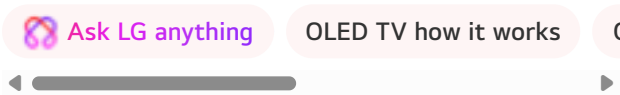


# 48 inch LG OLED AI B5 4K Smart TV 2025

OLED48B5PSA

## Key Features

- Enhanced AI picture and sound powered by the alpha 8 AI Processor 4K Gen 2.
- Incredibly realistic visuals with Perfect Black & Accurate Colour.
- An immersive cinema experience with Dolby Vision & Dolby Atmos.^^



## All Spec

### PICTURE (DISPLAY)

Display Type  
4K OLED

Refresh Rate  
120Hz Native

Display Resolution  
4K Ultra HD (3,840 x 2,160)

Wide Colour Gamut  
OLED Colour

### PICTURE (PROCESSING)

Picture Processor  
α8 AI Processor 4K Gen2

Dynamic Tone Mapping  
Yes (Dynamic Tone Mapping Pro)

AI Brightness Control  
Yes

FILMMAKER MODE ™  
Yes

Motion  
OLED Motion

HFR (High Frame Rate)  
4K 120 fps (HDMI)

AI Upscaling  
α8 AI Super Upscaling 4K

AI Genre Selection  
Yes (SDR/HDR)

HDR (High Dynamic Range)  
Dolby Vision / HDR10 / HLG

Dimming Technology  
Pixel Dimming

Picture Mode  
10 modes

AI Picture Pro  
Yes

Auto Calibration

Yes

## GAMING

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G-Sync Compatible (Nvidia)

Yes

HGIG Mode

Yes

ALLM (Auto Low Latency Mode)

Yes

Dolby Vision for Gaming (4K 120Hz)

Yes

FreeSync Compatible (AMD)

Yes

Game Optimiser

Yes (Game Dashboard)

VRR (Variable Refresh Rate)

Yes (Up to 120Hz)

Response Time

Less than 0.1ms

## ACCESSIBILITY

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High Contrast

Yes

Grey Scale

Yes

Invert Colours

Yes

## DIMENSIONS AND WEIGHTS

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TV Dimensions without Stand (WxHxD, mm)

1070 x 620 x 45.9

TV Dimensions with Stand (WxHxD, mm)

1070 x 684 x 235

Packaging Dimensions (WxHxD, mm)

1220 x 735 x 152

TV Stand (WxD, mm)

933 x 235

TV Weight without Stand (kg)

11.5

TV Weight with Stand (kg)

11.7

Packaging Weight (kg)

14.5

VESA Mounting (WxH, mm)

300 x 200

## BAR CODE

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BAR CODE

8806096350836

## AUDIO

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Dolby Atmos

Yes

AI Sound

a8 AI Sound Pro (Virtual 9.1.2 Up-mix)

Clear Voice Pro

WiSA Ready

Yes (Auto Volume Leveling)

LG Sound Sync

Yes

Simultaneous Audio Output

Yes

Audio Output

20W

Audio Codec

AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

Speaker System

2.0 Channel

Yes (Up to 2.1 Channel)

Sound Mode Share

Yes

Bluetooth Surround Ready

Yes (2 Way Playback)

AI Acoustic Tuning

Yes

Speaker Direction

Down Firing

WOW Orchestra

Yes

## CONNECTIVITY

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HDMI Audio Return Channel

eARC (HDMI 3)

Ethernet Input

1ea

SPDIF (Optical Digital Audio Out)

1ea

RF Input (Antenna/Cable)

1ea

Wi-Fi

Yes (Wi-Fi 6)

Bluetooth Support

Yes (v 5.3)

Simplink (HDMI CEC)

Yes

HDMI Input

4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))

USB Input

2ea (v 2.0)

## SMART TV

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Operating System (OS)

webOS 25

Always Ready

Yes

Intelligent Voice Recognition

Yes

Magic Remote Control

Built-In

Smartphone Remote App

Yes (LG ThinQ)

USB Camera Compatible

Yes

Full Web Browser

Yes

LG Channels

Yes

Multi View

Yes

Works with Apple Home

Yes

## POWER

Power Supply (Voltage, Hz)

AC 100~240V 50-60Hz

Standby Power Consumption

Under 0.5W

## REGULATORY

Energy Star Rating

4.5

Warranty Period

1 Year Parts & Labor

## ACCESSORIES INCLUDED

Remote

Magic Remote MR25

Power Cable

Yes (Attached)

## BROADCASTING

Analog TV Reception

Yes

Digital TV Reception

DVB-T2/T (Terrestrial), DVB-C (Cable)

## CYBER SECURITY

Security Update

This product will receive security updates until 31 December 2029. For details on how to report security issues, visit <https://lgsecurity.lge.com>.

## COMPLIANCE INFORMATION



[Australia Cyber Security SoC\(OLED48B5PSA\)](#)



### MORE COMPLIANCE INFORMATION >

- The safety information for accessories is included with the safety information for the product and is not provided separately.