

50 Inch LG QNED AI QNED82 4K Smart TV 2025

50QNED82A6B

Key Features

- Incredibly rich colour palette from All New Dynamic QNED Colour
- 4K picture quality, upscaled visual and surround sound from the alpha 7 AI Processor Gen8
- New AI button with advanced functions, plus voice control on the AI Magic Remote
- Local Dimming ensures the sharpest picture and reveals the finest details
- High resolution on a massive Ultra Big TV screen



All Spec

PICTURE (DISPLAY)

Display Type
4K QNED

Backlight Type
Edge

Wide Colour Gamut
Dynamic QNED Color

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

Refresh Rate
60Hz Native

PICTURE (PROCESSING)

AI Brightness Control
Yes

HDR (High Dynamic Range)
HDR10 / HLG

FILMMAKER MODE™
Yes

Picture Mode
10 modes

Picture Processor
α7 AI Processor 4K Gen8

AI Upscaling
4K Super Upscaling

Dynamic Tone Mapping
Yes

Auto Calibration
Yes

GAMING

HGIG Mode
Yes

ALLM (Auto Low Latency Mode)

Game Optimiser
Yes (Game Dashboard)

VRR (Variable Refresh Rate)

Yes

Yes (Up to 60Hz)

SMART TV

Operating System (OS)
webOS 25

USB Camera Compatible
Yes

AI Chatbot
Yes

Full Web Browser
Yes

Google Cast
Yes

Google Home / Hub
Yes

Home Hub
Yes

Intelligent Voice Recognition
Yes

LG Channels
Yes

Magic Remote Control
Built-In

Smartphone Remote App
Yes (LG ThinQ)

Voice ID
Yes

Works with Apple Airplay
Yes

Works with Apple Home
Yes

AUDIO

LG Sound Sync
Yes

Sound Mode Share
Yes

Simultaneous Audio Output
Yes

Bluetooth Surround Ready
Yes (2 Way Playback)

AI Sound
α7 AI Sound Pro (Virtual 9.1.2 Up-mix)

Clear Voice Pro
Yes (Auto Volume Leveling)

Audio Output
20W

AI Acoustic Tuning
Yes

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

Speaker Direction
Down Firing

Speaker System
2.0 channel

WOW Orchestra
Yes

CONNECTIVITY

SPDIF (Optical Digital Audio Out)
1ea

Simplink (HDMI CEC)
Yes

HDMI Audio Return Channel
eARC (HDMI 2)

Bluetooth Support
Yes (v 5.0)

Ethernet Input

HDMI Input

1ea	3ea (supports eARC, ALLM)
CI Slot	RF Input (Antenna/Cable)
1ea (Except for UK,Ireland)	x2
USB Input	Wi-Fi
x1 (v 2.0)	Yes (Wi-Fi 5)

ACCESSIBILITY

High Contrast	Gray Scale
Yes	Yes
Invert Colors	
Yes	

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD)	Packaging Dimensions (WxHxD)
1124 x 654 x 49.9	1215 x 760 x 152
Packaging Weight (kg)	TV Dimensions with Stand (WxHxD)
15.6	1124 x 721 x 257
TV Stand (WxD)	TV Weight without Stand
932 x 257	12.2
TV Weight with Stand	VESA Mounting (WxH)
12.6	200 x 200

EAN CODE (BARCODE)

EAN Code (Barcode)
8806096352953

POWER

Power Supply (Voltage, Hz)	Standby Power Consumption
AC 100~240V 50-60Hz	Under 0.5W

ACCESSORIES INCLUDED

Remote	Power Cable
Magic Remote MR25GA / MR25GB (UK, Italy)	Yes (Detachable)

BROADCASTING

Analog TV Reception	Digital TV Reception
Yes	DVB-T2/T (Terrestrial), DVB-C (Cable), DVB-S2/S (Satellite)