



LG OLED77B46LA.AEK TV 195.6 cm (77") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

Product code: OLED77B46LA.AEK

Product name : OLED77B46LA.AEK

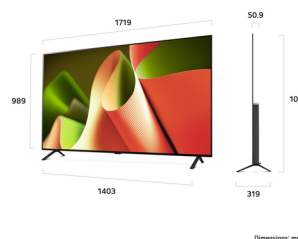
- 4K OLED technology with self-lit pixels for perfect contrast and 100% colour accuracy
- Intelligent α8 processor with AI Super Upscaling
- Smart webOS platform with Freeview Play, Netflix, Disney+ and more, plus supreme connectivity
- Dolby Vision with Filmmaker mode for true-to-cinema pictures
- Responsive gaming – advanced features for next-gen consoles

LG OLED B4 77" 4K Smart TV, 2024

LG OLED77B46LA.AEK. Display diagonal: 195.6 cm (77"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED evo, Screen shape: Flat. Smart TV. Motion interpolation technology: OLED Motion, Response time: 0.1 ms, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

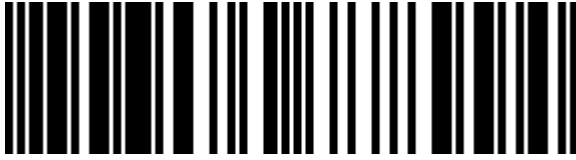


77"



Display		Performance	
Display diagonal *	195.6 cm (77")	High Dynamic Range (HDR) supported *	✓
HD type *	4K Ultra HD	Multi-screen	✓
Display technology *	OLED evo	AMD FreeSync	✓
LED backlight	✗	AMD FreeSync type	FreeSync Premium
Screen shape *	Flat	NVIDIA G-SYNC	✓
Native aspect ratio *	16:9	NVIDIA G-SYNC type	G-SYNC Compatible
Response time	0.1 ms	Game features	Auto Low Latency Mode (ALLM), Game Dashboard, Game Optimizer, HGIG, NVIDIA GeForce Now, Utomik, Variable Refresh Rate (VRR)
Motion interpolation technology *	OLED Motion	WISA Ready	✓
Native refresh rate	120 Hz	4K Ultra HD upscaling	✓
Display resolution *	3840 x 2160 pixels	Child lock	✓
TV tuner		USB recording	✓
Tuner type *	Analog & digital	Ports & interfaces	
Analog signal format system *	PAL	HDMI version	2.1
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	Audio Return Channel (ARC)	✓
Number of tuners	1 tuner(s)	USB 2.0 ports quantity *	2
Smart TV		Digital audio optical out	1
Smart TV *	✓	HDMI ports quantity *	4
Internet TV *	✓	Management features	
Operating system installed *	WebOS	Voice control	✓
Operating system version	24	Electronic Programme Guide (EPG)	✓
Timeshift	✓	Programming period	8 day(s)
Screen mirroring	✓	Sleep timer	✓
Video on Demand (VOD) support	✓	Works with Amazon Alexa	✓
Apple AirPlay 2 support	✓	Works with the Google Assistant	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓		
Smart modes	Cinema, Eco, Filmmaker, Game, Sports, Standard, Vivid		

Smart TV		Power	
Far-field voice interaction	✘	Power consumption (typical) *	122 W
Video apps	All 4, Amazon Prime Video, Apple TV, BBC iPlayer, Chili, DAZN, Disney+, Freeview Play, ITV X, My5, NOW TV, Netflix, Paramount+, Rakuten TV, Twitch, UKTV Play, YouTube	Power consumption (standby) *	0.5 W
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	122 kWh
Music apps	Amazon Music, Apple Music, BBC Sounds, Spotify, Tidal	Energy consumption (HDR) per 1000 hours *	221 kWh
Sports apps	DAZN	Weight & dimensions	
Audio		Width (with stand)	1719 mm
Number of speakers *	2	Depth (with stand)	319 mm
RMS rated power *	20 W	Height (with stand)	1057 mm
Audio output channels	2.0 channels	Weight (with stand)	23.5 kg
Audio decoders	Dolby Atmos	Width (without stand)	1719 mm
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro	Depth (without stand)	50.9 mm
Speaker direction	Down firing	Height (without stand)	989 mm
TV Sound Mode Share	✓	Weight (without stand)	22.9 kg
Enhanced Audio Return Channel (eARC)	✓	Stand width	140.3 cm
Network		Stand depth	31.9 cm
Wi-Fi *	✓	Packaging data	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Package width	1839 mm
Bluetooth *	✓	Package depth	200 mm
Bluetooth version	5.1	Package height	1130 mm
Ethernet LAN *	✓	Package weight	33.5 kg
Miracast	✓	Package type	Box
Browsing	✓	Packaging content	
Web browser	✓	Desktop stand	✓
Design		Mounting kit	✘
Product colour *	Black	Remote control included	✓
VESA mounting *	✓	Remote control type	Magic Remote
Panel mounting interface	300 x 200 mm	E-manual	✓
Performance		Logistics data	
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 Pro (HDR10 Pro), Hybrid Log-Gamma (HLG)	Products per pallet layer	6 pc(s)
Game mode	✓	Products per pallet	32 pc(s)
Teletext function	✓	Layers per pallet	2 pc(s)
Subtitles function	✓	Other features	
Ambient light sensor	✓	Country of origin	Poland
AI Upscale	✓		
Backlight dimming technology	Pixel Dimming		



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