

LED TV

47" Class 1080p 120Hz Smart TV & Sound Bar

47LN5790



LG SMART TV*

- Magic Remote Ready (not included)
- Premium Content
- SmartShare™
- LG Cloud
- Miracast™
- NFC Capable (NFC Tags sold separately)
- Intel® Wireless Display (WiDi)
- Mobile High-Definition Link (MHL)
- 2nd Display
- DLNA Certified®
- LG TV Remote App

PICTURE QUALITY

- TruMotion 120Hz
- LED Backlighting
- Full HD 1080p Resolution
- Resolution Upscaler
- Picture Wizard
- Triple XD™ Engine

CONNECTIVITY

- Wi-Fi® Ready (Adapter sold separately)
- 3 HDMI™ In
- SIMPLINK™

SOUND BAR

- 2.0 ch
- 60W Total Power
- TV Volume Sync (via optical)
- Automatic On/Off (via optical)



ULTIMATE ENTERTAINMENT

It's easy to enjoy LG's LN5790 with Smart TV and included Sound Bar. Enjoy instant access to the best of the Internet direct to your TV. And, with Full HD 1080p, LED, TruMotion 120Hz and Picture Wizard II, you're sure to enjoy the stunningly clear picture quality.

LG SMART TV



LG's intuitive Magic Remote is a simple and fun way to pick and choose what you want to watch. With just a point and click or use LG's unique Voice Mate, capable of recognizing how you naturally speak to change the channel or access premium content providers like Hulu Plus®, Netflix® and YouTube® direct from your TV. Now, you can spend less time navigating and more time on your entertainment.



SMARTSHARE™



Whether you create a network with your compatible devices, access content stored in your LG Cloud or use an NFC tag to connect, LG makes it easy for you to share content with friends and family.



TRUMOTION 120HZ



See sports, video games and high-speed action with virtually no motion blur. Now your TV can keep up with your fast-moving entertainment.



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PANEL (TV)

Screen Size Class (diagonal)	47" Class (46.9" diagonal)
Resolution	1920 x 1080p
BLU Type	LED
Refresh Rate	TruMotion 120Hz

VIDEO (TV)

Dual Core Processor	Yes
Triple XD™ Engine	Yes
Resolution Upscaler	Yes
Picture Wizard	Yes
Picture Mode	7 Modes (Vivid, Standard, Eco, Cinema, Game, ISF Expert 1, ISF Expert 2)
AV Mode II	3 Modes (Cinema, Game, Off)
Aspect Ratio	6 Modes (16:9, Just Scan, Original, 4:3, Cinema Zoom, Zoom)
Just Scan (1:1 Pixel Matching)	HDMI: 1080i, Component: 1080p, RF: 720p

AUDIO (TV)

Speaker System	1 way, 2 speakers
Audio Output (Watts - THD 10%)	10W + 10W
Mono/Stereo/Dual (MTS/SAP)	Yes
DTS Decoder	Yes
Virtual Surround	Yes
Clear Voice II	Yes
Sound Mode	6 Modes (Standard, Music, Cinema, Sport, Game, User)
Sound Optimizer	3 Modes (Normal, Wall Mount, Stand)

CONNECTIVITY (TV)

Wi-Fi® Ready	Yes (Adapter sold separately)
Wi-Fi Direct	Yes
DLNA Certified®	Yes
Intel® Wireless Display (WiDi)	Yes
Mobile High-Definition Link (MHL)	Yes
NFC Ready (Near Field Communications)	Yes
Windows 8 Certified	Yes
SIMPLINK™ (HDMI™ CEC)	Yes
USB Playback	DivX HD®, JPEG, JPG, MPO, AC3 (Dolby® Digital), EAC3, HAAC, AAC, MPEG, MP3, PCM, DTS®

LG SMART TV (TV)

Home Dashboard	3.0
Premium Content	Yes
App Store	Yes
LG Cloud	Yes
Full Web Browser	Yes
SmartShare™	Yes
Skype™ Ready	Yes (Camera required and sold separately. Skype subscription required.)
Smart Phone Remote Support	Yes

INPUTS/OUTPUTS (TV)

RF In (Antenna/Cable)	1 (rear)
AV In	1 (rear)
Component Video In (Y, Pb, Pr + Audio)	1 (rear)
HDMI™/HDCP In	3 (side)
USB 3.0/2.0 In	3 (side)
Digital Audio Out (Optical)	1 (rear)
LAN	1 (rear)
RS-232 (Control & Service)	Ready (RS232C to USB)

POWER (TV)

ENERGY STAR® Qualified (6.0)	Yes
Power Supply (Voltage/Hz)	100~240V / 50-60Hz
Power Consumption	50.3W
Standby Mode	0.3W

CABINET/INCLUDED ACCESSORIES (TV)

VESA® Wall Mount Pattern	400mm x 400mm
Remote Control	Standard
Batteries	AA x 2

DIMENSIONS/WEIGHT (TV)

TV without Stand (WxHxD)	42.48" x 24.76" x 3.17"
TV with Stand (WxHxD)	42.48" x 27.32" x 10.35"
Packaging Dimensions (TV and Sound Bar)	52.4" x 36.34" x 6.89"
TV Weight without Stand	28.9 lbs
TV Weight with Stand	32.0 lbs
Packaging Weight (TV and Sound Bar)	50.3 lbs

AMPLIFIER (SOUND BAR)

Channels	2.0 ch
Output Power	60W (30W x 2)
Inputs/Outputs (Sound Bar)	
Optical	1

CONVENIENCE (SOUND BAR)

TV Volume Sync	Yes (via optical cable)
Direct Volume & Mute Control	Yes (via optical cable)
Automatic Power On/Off	Yes (via optical cable)
Mute	Yes
Dynamic Range Control (On/Off)	Yes

AUDIO SOUND MODE & FORMAT (SOUND BAR)

Bass & Sound Enhancement	Yes
By Pass	Yes
LPCM	Yes
Dolby® Digital	Yes
DTS	Yes

POWER (SOUND BAR)

SMPS	Adapter (18V, 2.67A)
Power Consumption	12.3W
Standby Power Consumption	0.5W

DIMENSIONS/WEIGHTS (SOUND BAR)

Sound Bar (WxHxD)	37.40" x 2.28" x 3.31"
Packaging Dimensions (TV and Sound Bar)	52.4" x 36.34" x 6.89"
Sound Bar Weight	3.75 lbs
Packaging Weight (TV and Sound Bar)	50.3 lbs

INCLUDED ACCESSORIES (SOUND BAR)

Adapter	1
Optical Cable	1
Wall Mount Bracket	1
Table Stand	1

WARRANTY/UPC

Limited Warranty (Bundle)	1 Year Parts & Labor
UPC	71919259-0212

*Wireless Internet connection & certain subscriptions required and sold separately for smart features. The Magic Remote does not come equipped with all LG Smart TV enabled TVs and a separate purchase may be required. Content and services vary by product and are subject to change without notice.

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