



S90TY

S90TY LG Soundbar for TV with Dolby Atmos® 5.1.3 channel

Best OLED matching. Pairs perfectly with the LG OLED B5, C5, G5 Series TVs

WOW Orchestra enhances the soundstage when used with an LG TV

Immersive sound from Dolby Atmos and Triple Up-firing speakers

11 speakers power 3D Spatial Sound that fills the room

Seamless compatibility with Spotify Connect, TIDAL Connect,

Chromecast, and Apple AirPlay2



PRODUCT HIGHLIGHTS	
Dolby Atmos	Yes
DTS:X	Yes
High Resolution Audio	Up to 24bit/96kHz
24-bit Upsampling	Yes
4K Passthrough (HDCP 2.3)	Yes
Group Play Mode	Yes (Google Home)
Chromecast Supported	Yes
Wireless Surround Sound Ready	Yes
Bluetooth Streaming	Yes
Works with the Google Assistant	Yes
Amazon Alexa Supported	Yes
Spotify Connect Supported	Yes
Tidal Connect Supported	Yes
Apple AirPlay 2 Supported	Yes
USB Playback	Yes
Dolby Vision & HDR10 Passthrough	Yes
HDMI eARC	Yes
AI Room Calibration	Yes
Sound Bar Mode Control	Yes
TV Sound Mode Share	Yes
WOW Orchestra	Yes
WOW Interface	Yes
WOWCAST Built-in	Yes
GENERAL	
Channels	5.1.3
Number of Speaker Units	11
CONVENIENCE	
TV Remote Compatibility	Yes
Smartphone Remote App (iOS/Android)	iOS / Android OS
Smartphone Music File Playback	Yes (Bluetooth)
Easy Setup with BLE	Yes
Auto Volume Leveler	Yes (In App)
HDMI Audio Return Channel (ARC)	Yes
HDMI Audio Return Channel (eARC)	Yes
Dynamic Range Control	Yes (In App)
Firmware Over-the-air (FOTA)	Yes
Night Mode	Yes
LCD Display	Yes
Auto-Dimmer (On/Off) Remote / App	Yes
Auto Power (On/Off) Remote / App	Yes / Yes
Auto Power (On/Off) Bluetooth (LG TV) / Optical	No / Yes
Customize EQ Remote / App	Yes / Yes
Night Time Mode (On/Off) Remote / App	Yes / Yes
Surround (On / Off) Remote / App	Yes / Yes
USB Host / Charge	Yes / No
LG Sound Mode Share	Yes
WOW Interface	Yes

SOUND MODES	
AI SOUND PRO	Yes
Standard	Yes
Music	Yes
Cinema	Yes
Clear Voice Pro	Yes
Bass Blast	Yes
Bass Blast +	Yes
Sports	Yes
Game	Yes
DTS:X	Yes
Dolby Atmos	Yes
AUDIO FORMAT	
LPCM	Yes
Dolby Atmos®	Yes
Dolby TrueHD	Yes
Dolby Digital Plus	Yes
Dolby Digital	Yes
DTS Digital Surround	Yes
DTS-HD Master Audio	Yes
DTS-HD High Resolution	Yes
DTS:X	Yes / Yes
FLAC C4A / USB	Yes / Yes
OGG C4A / USB	Yes / Yes
WAV C4A / USB	Yes / Yes
MP3 C4A / USB	Yes / Yes
AAC C4A / USB	Yes / Yes
AAC / AAC+	Yes / Yes
SPEAKERS	
Front (Left / Right) Speaker Unit	52 x 93 mm (2ea)
Front (Left / Right) Tweeter Unit	20mm (2ea)
Front (Left / Right) Speaker SPL	83dB
Front (Left / Right) Speaker Impedance	6ohm
Center (Left / Right) Speaker Unit	2" (2ea)
Center (Left / Right) Speaker SPL	83dB
Center (Left / Right) Speaker Impedance	6ohm
Surround (Left / Right) Speaker Unit	2" (2ea)
Surround (Left / Right) Speaker SPL	83dB
Surround (Left / Right) Speaker Impedance	6ohm
Front Height (Left / Right) Speaker Unit	2.3" (2ea)
Front Height (Left / Right) Speaker SPL	83dB
Front Height (Left / Right) Speaker Impedance	6ohm
Front Height (Center) Speaker Unit	20mm
Front Height (Center) Speaker SPL	85dB
Front Height (Center) Speaker Impedance	6ohm
Subwoofer Unit	8"
Subwoofer SPL	86dB
Subwoofer Impedance	3ohm

CONNECTIVITY	
Wi-Fi (2.4G / 5G)	Yes
Wireless Active Subwoofer	Yes
Bluetooth	5.1
Bluetooth Codec - SBC / AAC	Yes / Yes
LG TV Sound Sync (Optical)	Yes
Optical Input	Yes
USB Host	Yes
HDMI In / Out	1 / 1
HDMI ARC/eARC	Yes / Yes
HDMI SUPPORT	
Pass-through	Yes
Pass-through (4K)	Yes
VRR / ALLM	Yes
120Hz	Yes
HDR10 / HDR 10+	Yes / No
Dolby Vision	Yes
Audio Return Channel (ARC)	Yes
Audio Return Channel (e-ARC)	Yes
CEC (Simplink)	Yes
POWER	
Soundbar Power Consumption	65W
Soundbar Standby Power Consumption	0.5W ↓
Subwoofer Power Consumption	40W
Subwoofer Standby Power Consumption	0.5W ↓
DIMENSIONS / WEIGHTS	
TV Matching	55 inch ↑
Sound Bar (WxHxD)	49.2" x 2.5" x 5.3"
Subwoofer (WxHxD)	7.9" x 16" x 15.9"
Soundbar Net Weight	12.5 lbs
Subwoofer Net Weight	22.1 lbs.
Carton Size (WxHxD)	52.9" x 22.5" x 10.3"
Shipping Weight	48.9 lbs
INCLUDED ACCESSORIES	
Remote Control	Yes
Batteries	AA x 2
Wall Mount Bracket	Yes
Warranty Card	Yes
HDMI Cable	Yes
WARRANTY	
Limited Warranty	1 Year Parts & Labor
UPC	195174074336
Country of origin	China