

# LS-B50 Soundbar System

BLACK



## Upgrade to Smooth and Immersive 3D Sound

If superb sound quality and easy operation are at the top of your soundbar wish list, take a look at the LS-B50 from hi-fi specialists Onkyo. AuraSphere digital signal processing works together with a six-channel amplifier, powerful wireless subwoofer, and eight-driver array to seamlessly replace TV audio with rich and enveloping 3D sound. There are three sound modes to optimize for movies, dialog, or music, and Bluetooth technology for wireless playback of almost any audio source sent from smartphone, tablet, and PC. This soundbar is very easy to install, with just a single cable to connect and a wireless sub you can place almost anywhere. It even comes with a wall-mounting kit and an IR flasher for placement on an entertainment unit under your flat-screen display. Best of all, the LS-B50 turns on automatically and responds to volume commands from the TV remote, making it exceptionally easy for people of all ages to enjoy.

### ADVANCED FEATURES

- AuraSphere Digital Signal Processing for 3D Sound
- Powerful Two-Way Speaker System with Eight Precision Drivers
- Efficient Digital Amplification for Clear, Accurate Sound
- Wireless Down-Firing Subwoofer
- Three Dedicated Sound Modes (Movie/Music/News)
- Easy System Control with TV Remote (Auto Power On with TV, Volume Control)\*
- Convenient Single-Cable TV Connection (Optical/Coaxial/Analog)
- Dolby® Digital Decoding from Blu-ray Disc, DVD, and HDTV Broadcasts
- Suited to TVs Larger than 40 Inches
- Sleek, Low-Profile Design with Wall-Mounting Capability

### MUSIC PLAYBACK AND WIRELESS STREAMING FEATURES

- Bluetooth Wireless Audio Streaming Technology (Version 2.1 +EDR)
- Supports SBC Codec
- Compatible with a Wide Range of Smartphones, Tablets, and PCs
- Plays MP3 Files from Flash Memory Devices via USB Port
- Music Mode Equalizes Sound for Immersive Stereo Playback

### CONNECTION FEATURES

- 2 Digital Audio Inputs (Optical and Coaxial)
- 1 Analog Audio Input (3.5 mm) for Smartphones/Media Players
- 1 USB Port

### OTHER FEATURES

- IR Flasher Forwards TV Remote Commands to System Components
- Full-Range Cone Drivers (x6)
- Ring Tweeter (x2)
- Remote Controller
- Wall-Mountable Template Sheet Included
- Speaker Stand Included for Entertainment Unit

\*The LS-B50 is preprogrammed with IR codes for nine major TV brands, including Funai, LG, Panasonic, Philips, Samsung, Sharp, Sony, Toshiba, and Vizio, with learning capability for other TV brands.



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## Panoramic Sound with AuraSphere

The LS-B50 is powered by AuraSphere DSP (Digital Signal Processing) technology. It works by optimizing driver output to create a 3D surround effect from stereo sources. Unlike other DSP technologies, AuraSphere expands the sweet spot (the area in front of the TV where audio sounds best) to create a 3D soundfield that places the listener in the center of the action, wherever they're sitting.



## Movie Mode

Onboard AuraSphere technology applies custom EQ filters to get the most out of movie and game soundtracks. Enjoy deeper bass and an open mid-range to carry dialog clearly, all enhanced by AuraSphere's panoramic 3D soundfield.

## Music Mode

For music, you want plenty of punchy bass, but not so much that it drowns out vocals and strings. AuraSphere manipulates the EQ and sound pressure levels to best suit music playback, while expanding the soundfield so that you can enjoy balanced stereo sound no matter where you're sitting.

## News Mode

This mode makes dialog more intelligible while maintaining clean, balanced response for all types of content, including TV programs, movies, and news. With this mode engaged, you won't have to keep raising the volume to hear what's going on—a real frustration with regular TV sound.

## Flexible Set-Up with Wireless Subwoofer

The powerful 16 cm wireless down-firing subwoofer included with the system does an excellent job of adding impact to your favorite games, movies and music. The crossover is set to blend perfectly with the soundbar, creating a deep, seamless audio image no matter where you choose to place the cabinet.

## Stream Music from Smartphone, Tablet, and PC

It's easy to listen to music and other audio programs, too. Simply pair your cellphone, smartphone, tablet, or PC to the LS-B50 soundbar and stream wirelessly using the inbuilt Bluetooth technology. From your smartphone's music apps (such as Spotify, SoundCloud, and internet radio services) to locally stored libraries, Bluetooth technology lets you enjoy content quickly and easily.

## Automatic Operation via TV Remote

This soundbar is preprogrammed with IR codes for nine major TV brands (with learning capability for others). This means you can use your TV remote to control the unit right out of the box. It switches on automatically with your television, and responds to TV remote volume commands. Other functions (such as sound mode selection) are handled via the supplied remote, but for everyday use, the LS-B50 is set-and-forget, seamlessly replacing flat-screen sound with room-filling audio.

## Compatible with Dolby® Digital

Dolby Digital is a high quality audio format commonly encoded on DVDs, Blu-ray Discs, and in TV broadcasts. Compatible TVs can pass Dolby Digital audio through to the LS-B50 for richly detailed playback enhanced even further with your choice of AuraSphere sound mode.

## High Fidelity is Our Heritage

Onkyo has been in the hi-fi audio business for nearly 70 years, and that experience counts when it comes to building great-sounding, high-value products. The LS-B50 uses an efficient six-channel digital amp and eight-driver array to reproduce your audio sources with depth and authority. Whether streaming a Spotify playlist from your phone, storming an enemy position in *Call of Duty*, or relaxing with a DVD, the LS-B50 will take you deeper into the moment.

## Easy, Flexible Installation

The LS-B50's low-profile design makes it ideal for displaying on an entertainment unit or TV stand. Contemporary styling and muted color tones help it to blend discreetly into your décor. If you desire, the unit's flat back panel and shallow depth allow for wall mounting under your TV. Installation couldn't be easier—just connect the single coaxial or optical cable, plug in the power cord, and say goodbye to tinny TV sound.



## Wide Selection of Audio Inputs

Audio from your TV (and any media players connected to it) is passed to the LS-B50 via a single coaxial or optical digital audio cable. You can connect other devices (such as smartphones, tablets, and MP3 players) via a 3.5 mm analog audio input. A USB port is included to play MP3 files stored on compatible flash memory drives, and you can use the system remote to select a track.

## SPECIFICATIONS

### SOUNDBAR SYSTEM (LB-401)

#### Amplifier Section

Damping Factor 20 (Front, 1 kHz, 8 Ω)

#### Input Sensitivity and Impedance

250 mV/47 kΩ (Line)

Signal-to-Noise Ratio 80 dB (Digital, I/H-F-A)

#### Speaker Section

Speaker Type Bass Reflex, Powered

#### Drivers

Mid-Range 7 cm Full-Range Cone Driver (x6)

Treble 3 cm Ring Tweeter (x2)

Frequency Response 120 Hz–20 kHz

#### General

Power Supply AC 100–240V~, 50/60 Hz

Power Consumption 17 W

Standby Power Consumption 0.5 W

Dimensions (W x H x D) 909 x 96.3 x 95.5 mm\*

Weight 3.9 kg

\* Height with Speaker Stand

### SUBWOOFER (SKW-B50)

Speaker Type Bass Reflex, Powered

Driver 16 cm Cone

Frequency Response 20 Hz–120 Hz

Signal-to-Noise Ratio 100 dB (Stereo, I/H-F-A)

#### General

Power Supply AC 220–240V~, 50/60 Hz

Power Consumption 15 W

Dimensions (W x H x D) 261 x 337 x 269 mm

Weight 5.8 kg

### CARTON

Dimensions (W x H x D) 1018 x 342 x 658 mm

Weight 13.5 kg

### Supplied Accessories

- Optical cable • Audio cable • IR flasher • Speaker stand
- Rubber stoppers • AC adapter • Wall-mountable template sheet
- Instruction manual • Remote controller and batteries



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