

# LS-B40 Soundbar System



## Envision Cinema



### Fill Your Room with Living Audio

The three-way LS-B40 soundbar is so easy to listen to and use, you'll quickly forget it's there. Eight precision drivers, an efficient six-channel amplifier, and AuraSphere DSP technology smoothly take over from your TV speakers, filling the room with deep and detailed 3D sound. Tracks streamed from your smartphone's audio apps or local music library also sound brilliant, with Bluetooth Version 2.1 and a powerful Music DSP mode providing rich and immersive wireless audio performance. Added to this handy feature set are sound modes for movies and news, Dolby® Digital decoding capability, and a USB port for audio via flash memory device. Installation is just a matter of connecting a digital audio cable, and with that done the LS-B40 will automatically switch on and respond to the volume commands of your TV remote. Displayed on your TV stand or mounted discreetly on the wall, this compact soundbar will win your heart with intuitive operation and deeply satisfying musicality.

#### ADVANCED FEATURES

- AuraSphere Digital Signal Processing for 3D Sound
- Powerful Three-Way Speaker System with Eight Precision Drivers
- Efficient Digital Amplification for Clear, Accurate Sound
- 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
- Subwoofer Pre-Out

#### OTHER FEATURES

- IR Flasher Forwards TV Remote Commands to System Components
- Full-Range Cone Drivers (x4)
- Bass Woofer (x2)
- Ring Tweeter (x2)
- Remote Controller
- Wall-Mountable Template Sheet Included
- Speaker Stand Included for Entertainment Unit

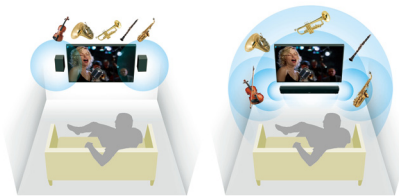
\*The LS-B40 is preprogrammed with IR codes for nine major TV brands, including Funai, LG, Panasonic, Philips, Samsung, Sharp, Sony, Toshiba, and Vizio, with learning capability for other TV brands.



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## Panoramic Sound with AuraSphere

The LS-B40 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.



Conventional Stereo Sound

AuraSphere 3D Sound

## 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.

## 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-B40 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-B40 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-B40 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-B40 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-B40 will take you deeper into the moment.

## Easy, Flexible Installation

The LS-B40'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-B40 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. Should you wish to add further impact to movies and games, we've included a pre-out for your choice of subwoofer.

## SPECIFICATIONS

### Amplifier Section

Damping Factor	20 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	250 mV/47 kΩ
Frequency Response	120 Hz–20 kHz
Signal-to-Noise Ratio	80 dB (Digital, IHF-A)

### Speaker Section

Speaker Type	Bass Reflex, Powered
Drivers	
Mid-Range	7 cm Full-Range Cone Driver (x4)
Bass	7 cm Cone Woofer (x2)
Treble	3 cm Ring Tweeter (x2)

### General

Power Supply	AC 100–240V~, 50/60 Hz
Power Consumption	17 W
Dimensions (W x H x D)	909 x 96.3 x 95.5 mm*
Weight	3.9 kg

\* Height with Speaker Stand

### CARTON

Dimensions (W x H x D)	992 x 190 x 235 mm
Weight	5.9 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

Mount on wall or entertainment unit



Eight precision drivers for 3D sound



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**ONKYO**

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