

BAR 500
5.1 CHANNEL
SOUNDBAR WITH
MULTIBEAM™ AND
DOLBY ATMOS®

**AMAZING
3D SOUND WITH
THRILLING BASS**



**“ WHY CHOOSE
A SOUNDBAR WITH
3D SOUND?”**

Surround sound formats have advanced so much over the years from simple 5.1 systems to Dolby Atmos® 3D surround sound, which gives audio engineers the ability to put you right in the action. Conventional soundbars—while giving you a basic home audio experience—do not have the technology to produce the surround and height effect details that takes your entertainment to a whole new level. Now JBL has the technology to bring this experience into the home like never before.

The JBL Bar 500 features a 5.1-channel immersive 3D sound experience with deep bass. The soundbar is engineered with powerful full-range drivers, a center tweeter, and two side-firing tweeters for a wide, detailed soundstage. A 10" wireless subwoofer delivers deep, powerful bass extension for music, movies, and games.

Powered by JBL MultiBeam™ technology, it delivers wide, spacious surround sound without the need for any extra speakers or wires. With built-in Dolby Atmos, the JBL Bar 500 gives you an immersive and exciting 3D sound experience.



**THE BAR 500
ACOUSTIC DESIGN**

The JBL Bar 500 soundbar features four front-firing full-range racetrack drivers with neodymium components for clear, detailed sound. A center ¾-inch (20mm) silk dome tweeter helps make dialogue clearer when watching movies. Two side-firing tweeters are loaded in horns to maximize the sound dispersion in the room with the highest efficiency for a wide, spacious sound effect.

The JBL Bar 500 wireless subwoofer features a 10" down-firing driver designed for low distortion and thunderous bass performance so you can feel the action like never before for your favorite music, movies, and games.





Dolby Atmos

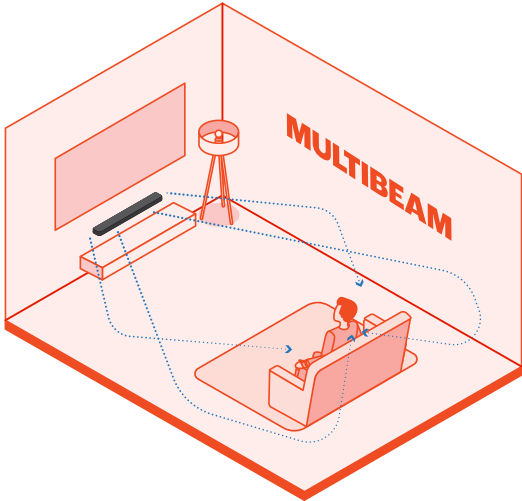
The future of home cinema is here today. Imagine Dolby Atmos® as the audio equivalent of 8K ultra-high-definition video. This format is the next generation of surround sound technology, where sound moves around you in a three-dimensional space. This new technology expands on the well-established channel-based 5.1 and 7.1 surround sound setups, with an additional layer of overhead sound, giving you an even more immersive home cinema experience.

Traditionally, surround sound effects are limited to specific channels, where a portion of the audio is directed to individual speakers. With object-based technologies, sound designers are now able to un-chain sounds from these channels, by designating up to 128 objects, or audio pathways. The Dolby Atmos® system can convert this data and recreate it, to give a fuller, multidimensional sound experience in your entertainment.

MULTIBEAM™ TECHNOLOGY

After years of research and development, JBL presents MultiBeam™ technology: an electro-acoustic system that applies beamforming technology to replicate the amazing surround sound you expect from a multi-channel audio system. Unlike conventional soundbars that only emit sound in a forward direction, JBL soundbars with MultiBeam combine digital signal processing (DSP), front-firing speakers, and twin side-firing drivers to beam sound at angles towards the side walls of a room.

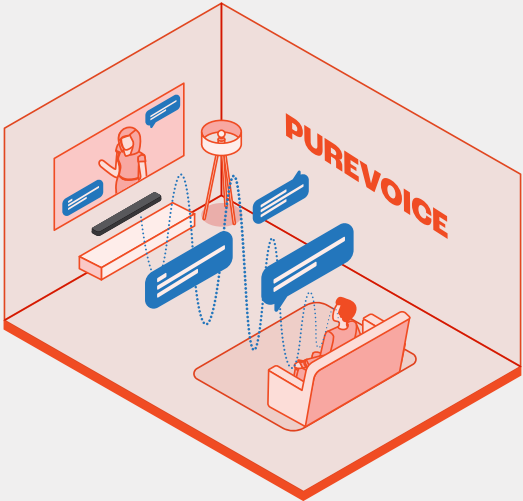
These beams feature the key to generating accurate side wall reflections: a sharp directivity pattern in a wide-band frequency range. These reflections mirror back to the listening location and create a spacious surround sound effect.



PUREVOICE DIALOGUE ENHANCEMENT

Dialogue is an important part of a movie soundtrack but can often be the hardest to hear. Now with PureVoice, a voice enhancement technology for crystal clear dialogue, you will never miss a word.

Conventional dialogue enhancement uses equalization (EQ) to boost frequencies in the vocal range. However, this method negatively affects other parts of the soundtrack that share the same frequency range. JBL PureVoice technology uses digital signal processing (DSP) to detect human speech from within a TV or movie program and extracts the voice content for analysis and improvement. It dynamically enhances the dialogue loudness for crystal-clear intelligibility without affecting other sounds. This enhancement happens automatically, so you never have to reach for the remote control to hear dialogue and miss the moment.



JBL ONE APP

A simple and seamless way to add a whole new dimension to your everyday listening experience. The app provides equalization setting which allows you to personalize the sound just the way you like it. Stream your own playlist with tracks from different music services and control all of your speakers.

SOUND CALIBRATION

The shape of a room, especially side walls, affects how speakers perform and proper calibration during setup is essential for the best sound. Traditional calibration requires a wired microphone and complicated setup. JBL Bar 300 is designed with an embedded microphone for sound calibration to ensure you get the best sound possible, no matter what kind of room you are in, without the hassle. The system collects acoustic information, measuring when sound is reflected to the microphone. Each reflection arrives at the microphone at different times, and all the reflections are then analyzed. The reflections are reconstructed to estimate the surround sound performance in your specific space. The sound calibration uses a set of filters to correct the loudspeaker EQ to ensure the sound performance is consistent, providing great surround sound, no matter the shape or size of room you are in.

CONNECTIVITY

Enjoy the latest up-to-date connectivity with the JBL Bar 500. With HDMI eARC (Enhanced Audio Return Channel), it supports uncompressed audio and high-bitrate audio formats like object-based 3D audio for higher quality sound.

Since JBL 500 works with eARC-enabled TV's, Dolby Atmos 3D surround sound passes from over-the-air broadcasts, TV streaming apps, Blu-ray players, or game consoles to your soundbar. It's easier than ever to experience multi-dimensional sound in your living room with enhanced audio details and depth.

SPECIFICATIONS

Product descriptor	5.1-channel soundbar with MultiBeam™ and Dolby Atmos®
Power distribution (Max. @THD 1%)	Total 590W (Soundbar: 290W, Subwoofer: 300W)
Soundbar transducer	4x (46x90)mm racetrack drivers, 3x 0.75" (20mm) tweeters
Subwoofer transducer	10" (260mm)
Sound experience	Dolby Atmos® and JBL Multibeam™
HDMI specification	HDMI HDCP 2.3 with eARC
HDR pass through	HDR10, Dolby Vision
Bluetooth version	5.0
Bluetooth profile	A2DP V1.2, AVRCP V1.5
Wi-Fi	Dual Band 2.4/5GHz
Streaming service	Chromecast Built-In, Airplay, Alexa MRM, QPlay (China only)
Connection	HDMI-eARC x1, HDMI-in x1, Optical x1



*Some features require subscriptions or services not available in all countries