



JBL SB510 3.1 Channel Soundbar with Built in Subwoofer User Manual

[Home](#) » [JBL](#) » JBL SB510 3.1 Channel Soundbar with Built in Subwoofer User Manual 

Contents

- [1 JBL SB510 3.1 Channel Soundbar with Built in Subwoofer](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 FEATURES](#)
- [5 Features and Benefits](#)
- [6 Technical Specifications](#)
- [7 What's in the Box](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



JBL SB510 3.1 Channel Soundbar with Built in Subwoofer



Product Information

Specifications:

- Model: CINEMA SB510
- Sound system: 3.1 channel
- Power supply: 100 – 240V AC, ~ 50/60Hz
- Total speaker power output (Max @THD 1%): 200W
- Soundbar output power (Max @THD 1%): 150W
- Subwoofer output power (Max. @THD 1%): 50W
- Soundbar transducer: 3x (45 x 80)mm racetrack drivers
- Subwoofer transducer: 1x (70 x 88)mm, built-in
- HDMI ARC (Audio Return Channel): 1
- HDMI HDCP version: 1.4
- Frequency response: 55Hz-20kHz (-10dB)
- Audio inputs: 1 Optical, Bluetooth and USB
- Bluetooth version: 5.3
- Bluetooth profile: A2DP 1.3, AVRCP 1.6
- Bluetooth transmitter frequency range: 2400 MHz

Product Usage Instructions

1. Setting up the JBL Cinema SB510:

Connect the soundbar to your TV using either the HDMI ARC cable or optical connection for a hassle-free setup.

2. Using the Dedicated Center Channel:

The dedicated center channel provides superior voice clarity, enhancing your movie and TV dialogue experience. Adjust the settings to optimize voice output.

3. Wireless Music Streaming:

Pair your mobile device with the soundbar via Bluetooth for wireless music streaming. Enjoy your favorite tunes without the constraints of cables.

4. Dolby Audio Experience:

Experience powerful sound enhancement with Dolby Audio embedded in the JBL Cinema SB510. Dive into a cinematic audio experience with immersive sound quality.

Frequently Asked Questions (FAQ):

- Q: Can I play music through a USB connection?

A: Yes, you can play music through a USB connection. Ensure to use the Type A USB port and adhere to the supported file formats and codecs as specified in the user manual.

- Q: How do I optimize bass output from the built-in subwoofer?

A: Adjust the subwoofer settings on the soundbar to control the bass output according to your preferences. Experiment with different settings to find the optimal bass level for your listening environment.

- Q: Is it possible to connect additional external speakers to the JBL Cinema SB510?

A: The JBL Cinema SB510 is designed as an all-in-one soundbar system with a built-in subwoofer and does not support external speaker connections. The system is optimized for standalone use to deliver a compact and powerful audio experience.

Compact size. Epic Sound.

The JBL Cinema SB510 is a 3.1-channel all-in-one soundbar with a built-in subwoofer. It delivers 200 watts of powerful Dolby Audio with deep bass, all in a hassle-free, compact design that fits neatly into any room. A dedicated center channel driver means TV and film dialogue is always crystal clear. Setup is easy using either one cable HDMI ARC or optical connections, and convenient Bluetooth connectivity means you can use it for wireless music streaming from any device.

FEATURES

- The dedicated center channel provides superior voice clarity
- Built-in subwoofer
- One cable connection with HDMI ARC
- Wireless music streaming via Bluetooth
- Dolby Audio embedded



Features and Benefits

- The dedicated center channel provides superior voice clarity
A dedicated center channel delivers film and TV dialogue with amazing clarity. You'll never ask "What did they just say?" again.
- Built-in subwoofer
The built-in subwoofer delivers deep bass without the need for another box or extra cables to clutter up your space.
- One cable connection with HDMI ARC
The one-cable HDMI ARC connection allows for the simplest setup and a hassle-free user experience.
- Wireless music streaming via Bluetooth

Stream and enjoy all your music wirelessly from any mobile device.

- Dolby Audio embedded

Delivers powerful sound that enhances any movie experience.

Technical Specifications

General Specifications

- Model: CINEMA SB510
- Sound system: 3.1 channel
- Power supply: 100 – 240V AC, ~ 50/60Hz
- Total speaker power output (Max @THD 1%): 200W
- Soundbar output power (Max @THD 1%): 150W
- Subwoofer output power (Max. @THD 1%): 50W
- Soundbar transducer: 3x (45 x 80)mm racetrack drivers
- Subwoofer transducer: 1x (70 x 88)mm, built-in subwoofer
- Standby power: < 0.5W
- Operating temperature: 0°C – 45 °C

HDMI Specification

- HDMI ARC (Audio Return Channel): 1
- HDMI HDCP version: 1.4

Audio Specification

- Frequency response: 55Hz-20kHz (-10dB)
 - Audio inputs: 1 Optical, Bluetooth and USB
- (USB playback is available in US version. For other versions, USB is for Service only.)

USB Specification

- USB port: Type A
- USB rating: 5V DC, 0.5A
- Supporting file formats: mp3
- MP3 codec: MPEG 1 Layer 2/3, MPEG 2 Layer 3, MPEG 2.5 Layer 3
- MP3 sampling rate: 16 – 48 kHz
- MP3 bitrate: MPEG 1 Layer 1: 32 kbps – 448 kbps; MPEG 1 Layer 2: 32 kbps – 384 kbps;
- MPEG 1 Layer 3: 32 kbps – 320 kbps; MPEG 2/2.5 Layer 1: 32 kbps -256 kbps; MPEG 2/2.5 Layer 2/3: 8 kbps – 160 kbps

Wireless Specification

- Bluetooth version: 5.3
- Bluetooth profile: A2DP 1.3, AVRCP 1.6

- Bluetooth transmitter frequency range: 2400 MHz – 2483.5 MHz
- Bluetooth Max. transmitting power: <10 dBm (EIRP)
- Bluetooth modulation: GFSK, $\pi/4$ DQPSK, 8DPSK

Dimensions

- Soundbar dimensions (W x H x D): 950 x 67 x 105mm / 37.4" x 2.6" x 4.1"
- Soundbar weight: 3.5kg / 7.7 lbs
- Packaging dimensions (W x H x D): 1112 x 116 x 164mm / 43.8" x 4.6" x 6.5"
- Packaging Weight: 5.0kg / 11.0 lbs

What's in the Box



- Soundbar
- Remote control with batteries
- Power cables (up to 4pcs depending on region SKUs)
- HDMI cable
- Wall-mount bracket kit with screws
- Quick start guide
- Warranty card
- Safety sheet



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Documents / Resources

 	<p>JBL SB510 3.1 Channel Soundbar with Built in Subwoofer [pdf] User Manual SB510 3.1 Channel Soundbar with Built in Subwoofer, SB510, 3.1 Channel Soundbar with Built in Subwoofer, Soundbar with Built in Subwoofer, Built in Subwoofer, Subwoofer</p>
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References

- [JBL Official JBL Store - Speakers, Headphones, and More!](#)
- [User Manual](#)

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