Marmitek BoomBoom 100

Marmitek BoomBoom 100 Bluetooth Audio Receiver and Transmitter User Manual

Model: BoomBoom 100 (8330)

INTRODUCTION

The Marmitek BoomBoom 100 is a versatile 2-in-1 Bluetooth audio device designed to enhance your audio experience. It functions as both a Bluetooth audio receiver and a Bluetooth audio transmitter. In receiver mode (RX), it allows you to stream music wirelessly from your smartphone, tablet, or computer to your existing audio system (e.g., Hi-Fi, home cinema). In transmitter mode (TX), it enables you to send audio wirelessly from an audio source (e.g., TV, CD player) to Bluetooth headphones or speakers. It supports high-quality audio codecs like AAC, aptX, and aptX Low Latency for superior sound and minimal delay.

PACKAGE CONTENTS

Please check that all items are present in the packaging:

- 1x Marmitek BoomBoom 100 unit
- 1x Micro USB to USB cable (80 cm)
- 1x Stereo jack cable (3.5mm to 3.5mm, 150 cm)
- 1x Converter cable (3.5mm jack to RCA, 15 cm)
- 1x Power supply (USB wall adapter)
- 1x Toslink (optical) audio cable (120 cm)
- 1x User manual

1x BoomBoom 100

1x Micro usb cable,
length 80 cm

1x Stereo jack cable,
length 150 cm

1x Converter cable,
length 15 cm

1x Power supply

1x Toslink cable,
length 120 cm

1x User manual

Image: Contents of the Marmitek BoomBoom 100 package.

PRODUCT OVERVIEW

Familiarize yourself with the ports and controls on your BoomBoom 100 device.

Image: Rear panel of the BoomBoom 100, displaying the 5V/500mA Micro USB power input, 3.5mm AUX Audio Out, Digital Optical Audio Out, Digital Optical Audio In, 3.5mm AUX Audio In, and the TX/OFF/RX mode switch.
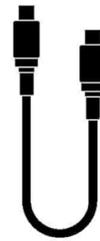
Image: Labeled diagram of the BoomBoom 100 ports. 1: USB power, 2: AUX audio out, 3: Toslink optical audio out, 4: Toslink optical audio in, 5: AUX audio in, 6: TX/OFF/RX switch.

1x BoomBoom 100

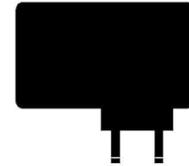1x Mini-jack adapter cable | 15 cm
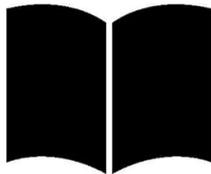
1x Toslink (optical) audio cable | 120 cm

1x Micro USB to USB cable | 80 cm

1x Mini-jack audio cable | 150 cm

1x Power adapter

1x User manual

Image: Top panel of the BoomBoom 100 with the input selection switch for AUX, Optical (OPT), and Bluetooth (BT).

SETUP

1. Power Connection

1. Connect the Micro USB end of the provided USB cable to the 5V/500mA port on the BoomBoom 100.
2. Connect the standard USB end of the cable to the included USB power adapter.
3. Plug the USB power adapter into a wall outlet. The device will power on.

2. Receiver Mode (RX) Setup

Use this mode to stream audio from a Bluetooth device (e.g., smartphone) to a non-Bluetooth audio system (e.g., Hi-Fi system).

1. Set the TX/OFF/RX switch on the BoomBoom 100 to the **RX** position.
2. Connect the BoomBoom 100 to your audio system using one of the following methods:

   - **Analog Audio:** Use the 3.5mm stereo jack cable or the 3.5mm to RCA converter cable. Connect one end to the '3.5mm AUX Audio Out' port on the BoomBoom 100 and the other end to an

available audio input on your Hi-Fi system.

- ○ **Digital Optical Audio:** Use the Toslink optical cable. Connect one end to the 'Digital Optical Audio Out' port on the BoomBoom 100 and the other end to an available optical input on your audio system.

3. Ensure your audio system is set to the correct input source.

3. Transmitter Mode (TX) Setup

Use this mode to transmit audio from a non-Bluetooth audio source (e.g., TV) to Bluetooth headphones or speakers.

1. Set the TX/OFF/RX switch on the BoomBoom 100 to the**TX** position.
2. Connect your audio source to the BoomBoom 100 using one of the following methods:

   - ○ **Analog Audio:** Use the 3.5mm stereo jack cable or the 3.5mm to RCA converter cable. Connect one end to the '3.5mm AUX Audio In' port on the BoomBoom 100 and the other end to an available audio output on your TV or audio source.
   - ○ **Digital Optical Audio:** Use the Toslink optical cable. Connect one end to the 'Digital Optical Audio In' port on the BoomBoom 100 and the other end to an available optical output on your TV or audio source.

1 USB power
2 AUX audio out
3 Toslink optical audio out
4 Toslink optical audio in
5 AUX audio in
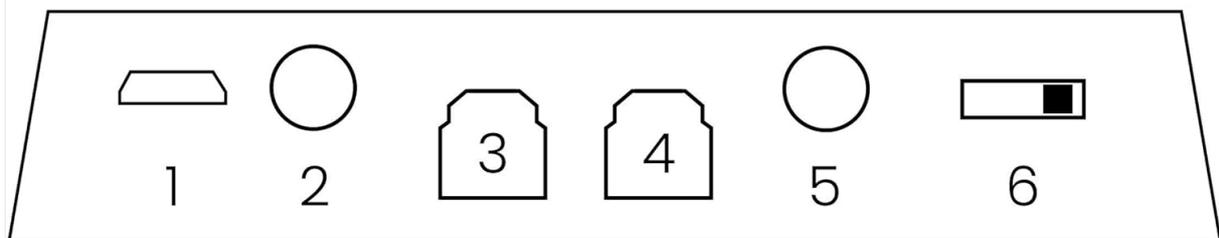**6** TX/OFF/RX switch

Image: Connection diagrams. Left: Mobile device streaming to a Hi-Fi system via the BoomBoom 100 in receiver mode. Right: TV transmitting audio to headphones via the BoomBoom 100 in transmitter mode.

OPERATING

Bluetooth Pairing

After connecting the BoomBoom 100 as described in the Setup section, you need to pair your Bluetooth devices.

1. Ensure the BoomBoom 100 is powered on and in the desired mode (RX or TX). The LED indicator will flash, indicating it is in pairing mode.
2. On your Bluetooth device (e.g., smartphone, headphones), enable Bluetooth and search for available devices.
3. Select "BoomBoom 100" from the list of found devices.

4. Once connected, the LED indicator on the BoomBoom 100 will turn solid.

Multipair Party Mode (Connect 2 Headphones)

In transmitter mode (TX), the BoomBoom 100 allows you to connect two Bluetooth headphones simultaneously for shared listening.

1. Pair the first pair of Bluetooth headphones as described above.
2. Once the first headphones are connected, put the second pair of Bluetooth headphones into pairing mode.
3. The BoomBoom 100 will automatically search for and connect to the second pair of headphones.
4. Both headphones will now receive audio from the connected source.

Audio Codecs (AAC, aptX, aptX Low Latency)

The BoomBoom 100 supports advanced audio codecs to ensure high-quality sound and minimal latency:

- **AAC:** Advanced Audio Coding, commonly used by Apple devices, provides efficient compression with good audio quality.
- **aptX:** A high-quality audio codec that delivers CD-like audio over Bluetooth.
- **aptX Low Latency:** This codec significantly reduces audio delay, ensuring that audio and video remain synchronized, which is ideal for watching TV or movies. For aptX Low Latency to function, both the transmitter (BoomBoom 100) and the receiving device (e.g., headphones) must support it.

MAINTENANCE

To ensure the longevity and optimal performance of your Marmitek BoomBoom 100, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Protect the device from moisture, water, and extreme temperatures.
- Do not expose the device to direct sunlight for extended periods.
- Avoid dropping the device or subjecting it to strong impacts.
- Store the device in a cool, dry place when not in use.

TROUBLESHOOTING

If you encounter issues with your BoomBoom 100, refer to the following common problems and solutions:

Problem	Possible Solution
No power/Device not turning on	Ensure the USB power cable is securely connected to both the BoomBoom 100 and the power adapter, and the adapter is plugged into a working wall outlet. Try a different USB port or power adapter.
Cannot pair Bluetooth device	Make sure the BoomBoom 100 is in the correct mode (RX or TX) and its LED is flashing, indicating pairing mode. Ensure your Bluetooth device is also in pairing mode and within range (typically 10 meters). Turn off and on Bluetooth on your device, or restart both devices.

Problem	Possible Solution
No audio output/input	Verify that all audio cables (3.5mm AUX, Optical) are correctly and securely connected to the appropriate input/output ports on both the BoomBoom 100 and your audio equipment. Check the input selection switch on the BoomBoom 100 (AUX, OPT, BT) and ensure your audio system is set to the correct input source. Adjust volume levels on all connected devices.
Audio delay (lip-sync issues)	If experiencing delay in TX mode, ensure both the BoomBoom 100 and your Bluetooth headphones/speakers support aptX Low Latency. If not, some delay may be inherent.
Poor audio quality or intermittent connection	Reduce the distance between the BoomBoom 100 and the paired Bluetooth device. Remove any obstacles that might interfere with the Bluetooth signal (e.g., thick walls, large metal objects). Avoid placing the device near other wireless devices that might cause interference.

SPECIFICATIONS

Brand	Marmitek
Model Number	8330
Product Dimensions	2.5 x 10.5 x 2 cm
Item Weight	25 g (0.03 Kilograms)
Connectivity Technology	Bluetooth
Wireless Type	Bluetooth
Audio Input Compatible with Item	3.5mm AUX, Optical TOSLINK
Audio Output Type	Bluetooth, Auxiliary (3.5mm)
Audio Output Mode	Stereo
Compatible Media Types	aptX, aptX Low Latency, AAC
Power Source	100-240V AC @ 50-60Hz (via USB adapter)
Compatible Devices	TVs, Personal Computers, Smartphones, Tablets
Material	Plastic
Special Features	Built-in Bluetooth, 2-in-1 (Receiver/Transmitter)

WARRANTY

Marmitek products are designed and manufactured to the highest standards. For information regarding the warranty period and conditions for your BoomBoom 100, please refer to the warranty card included in your product packaging or visit the official Marmitek website.

SUPPORT

For further assistance, technical support, or frequently asked questions, please visit the official Marmitek support website. You can typically find detailed product information, updated manuals, and contact options there.

Visit Marmitek Official Website