

## 1Mii B06TX

# 1Mii B06TX Bluetooth 5.2 Transmitter User Manual

Model: B06TX

## 1. PRODUCT OVERVIEW

The 1Mii B06TX is a versatile Bluetooth 5.2 audio transmitter designed to add Bluetooth audio transmission capabilities to your television or other audio sources. It enables you to wirelessly stream audio to up to two Bluetooth headphones or speakers simultaneously, perfect for private listening or sharing audio without disturbing others.



Figure 1.1: 1Mii B06TX Bluetooth Transmitter and its accessories.

## 2. WHAT'S IN THE BOX

- 1Mii B06TX Bluetooth audio transmitter
- 5V power supply cable (100 cm)
- 3.5 mm audio cable (90 cm)
- 3.5 mm to RCA cable (82 cm)
- Optical cable (99 cm)
- User manual

# Accesorios

1. B06TX Transmisor Bluetooth
2. Cable óptico
3. Cable de alimentación de 5 V
4. Cable de audio de 3,5 mm
5. Cable de 3,5 mm a RCA



Figure 2.1: Contents of the 1Mii B06TX package.

## Unboxing Video

Video 2.1: A short video demonstrating the unboxing and contents of the 1Mii B06TX package.

## 3. SETUP AND INSTALLATION

Follow these steps to set up your 1Mii B06TX Bluetooth Transmitter and connect it to your audio source and Bluetooth devices.

### 3.1 Connecting to Power and Audio Source

1. **Connect Power:** Plug the provided 5V power supply cable into the DC 5V port on the 1Mii B06TX and connect the other end to a USB power adapter (not included) or a USB port on your TV. Using a dedicated wall adapter is recommended to avoid potential ground noise.
2. **Connect Audio:** Choose the appropriate audio cable (Optical, Coaxial, 3.5mm AUX, or RCA) based on your TV's available audio output ports. Connect one end to the corresponding input on the 1Mii B06TX and the other end to your TV's audio output.



Figure 3.1: Available audio input ports on the 1Mii B06TX (Optical, Coaxial, RCA, AUX).

### 3.2 Pairing Bluetooth Headphones/Speakers

The 1Mii B06TX supports connecting up to two Bluetooth devices simultaneously.

#### Pairing the First Device:

1. Ensure the 1Mii B06TX is powered on.
2. Press and hold the 'Bluetooth 1' button on the 1Mii B06TX until the LED indicator flashes red and blue, indicating pairing mode.
3. Put your first Bluetooth headphone or speaker into pairing mode. Refer to your device's manual for specific instructions.
4. Place the Bluetooth device close to the 1Mii B06TX (within 1 meter). They should automatically connect. Once connected, the LED for 'Bluetooth 1' will turn solid blue.

#### Pairing the Second Device (Dual Link):

1. After the first device is successfully paired, press and hold the 'Bluetooth 2' button on the 1Mii B06TX until its LED indicator flashes red and blue.

2. Put your second Bluetooth headphone or speaker into pairing mode.
3. Place the second Bluetooth device close to the 1Mii B06TX. They should automatically connect. Once connected, the LED for 'Bluetooth 2' will turn solid blue.

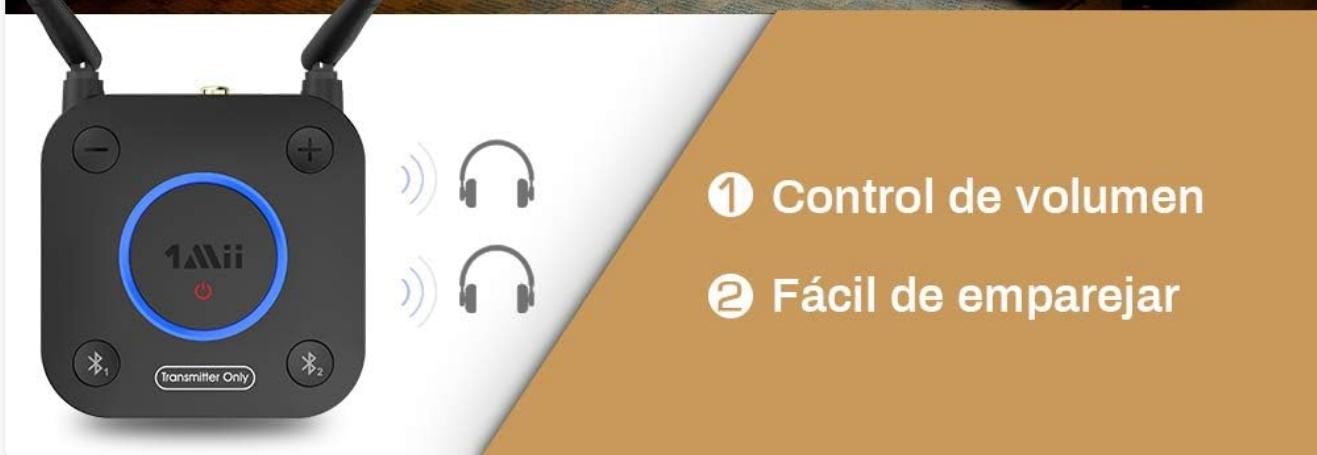


Figure 3.2: The 1Mii B06TX supports simultaneous connection to two Bluetooth headphones.

## Connection and Pairing Videos

Video 3.1: Detailed instructions on how to connect Bluetooth headphones to the 1Mii B06TX transmitter.

Video 3.2: A guide on how to pair two headphones simultaneously with the 1Mii B06TX.

## 4. OPERATING INSTRUCTIONS

### 4.1 Volume Control

Use the '+' and '-' buttons on the 1Mii B06TX to adjust the volume of the connected Bluetooth devices. This provides independent volume control from your TV's volume.

### 4.2 Audio Quality and Latency

The 1Mii B06TX supports aptX Low Latency (aptX LL) and aptX HD codecs. For optimal audio-visual synchronization (no noticeable delay between picture and sound), ensure your Bluetooth headphones or speakers also support aptX LL. If your devices do not support aptX LL, there might be a slight audio delay.



Figure 4.1: Enjoying TV audio privately with the 1Mii B06TX.

### 4.3 Long Range Performance

Equipped with dual antennas, the 1Mii B06TX offers an extended Bluetooth range. Expect up to 20-30 meters indoors and up to 60 meters in open air, allowing you to listen to your TV from various locations within your home.



Figure 4.2: The dual antennas provide extended range for flexible listening.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your 1Mii B06TX Bluetooth Transmitter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle all cables gently. Avoid bending or crimping them excessively, as this can damage the internal wires.

## 6. TROUBLESHOOTING

If you encounter issues with your 1Mii B06TX, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No audio or intermittent audio.	<ul style="list-style-type: none"> <li>Ensure all audio cables (Optical, Coaxial, AUX/RCA) are securely connected to both the transmitter and the TV.</li> <li>Verify that your TV's audio output settings are correctly configured to output audio via the selected port (e.g., Optical/PCM).</li> <li>If using a USB port on the TV for power, try connecting the transmitter to a dedicated 5V wall adapter to avoid potential ground noise or power fluctuations.</li> </ul>
Audio delay (latency) with aptX LL compatible headphones.	<ul style="list-style-type: none"> <li>Ensure both the 1Mii B06TX and your headphones/speakers explicitly support and are actively using the aptX Low Latency codec. Some devices may default to a different codec if aptX LL is not prioritized.</li> <li>Check for firmware updates for your headphones/speakers.</li> </ul>
Difficulty pairing or maintaining connection with two headphones.	<ul style="list-style-type: none"> <li>Some older Bluetooth headphones (e.g., Bluetooth 4.0) or specific models (like certain JBL or Sennheiser PXC-550 II) may have compatibility issues when two are connected simultaneously, leading to sound dropouts or failure to connect.</li> <li>If persistent issues occur with two devices, consider using an optical audio splitter and two separate 1Mii B06TX units for each headphone, if your setup allows.</li> <li>Ensure both headphones are in pairing mode and within close proximity during the pairing process.</li> </ul>
Shorter than expected Bluetooth range.	<ul style="list-style-type: none"> <li>The advertised range (20-30m indoors) can be affected by obstacles like walls, furniture, and other wireless interference.</li> <li>Ensure the transmitter is placed in an open area, away from other electronic devices that might cause interference (e.g., Wi-Fi routers, microwaves).</li> </ul>
Incompatibility with Apple AirPods Pro/Pro 2.	<ul style="list-style-type: none"> <li>The 1Mii B06TX is not designed to function as a Bluetooth receiver for mobile phones or tablets. It is primarily a transmitter for TV audio.</li> <li>Specific compatibility issues with certain headphone models like AirPods Pro/Pro 2 have been reported. Ensure your headphones are compatible with universal Bluetooth transmitters.</li> </ul>

## 7. SPECIFICATIONS

Feature	Detail
Brand	1Mii
Model	B06TX
Dimensions	9.5 x 11.2 x 2.7 cm; 220 g

Feature	Detail
Hardware Interface	3.5 mm Audio, Bluetooth 5
Compatible Devices	Headphones, Television
Wireless Connection Type	Bluetooth 5.2
Supported Formats	Bluetooth 5.2, aptX-LL, aptX HD, AAC, SBC
Audio Input	3.5mm AUX, RCA, Optical TOSLINK, Coaxial
Audio Output Mode	Stereo
Power Source	Electric Cable (5V)
Number of Ports	3 (Audio Inputs)
Special Features	Long range, volume control, low latency, aptX HD

## 8. SAFETY INFORMATION

Please observe the following safety precautions:

- Do not expose the device to extreme temperatures.
- Keep away from water and moisture.
- Dispose of batteries (if applicable) properly according to local regulations.
- Avoid interference with other wireless devices by ensuring proper setup and placement.

## 9. WARRANTY AND SUPPORT

1Mii products come with a manufacturer's warranty. For detailed warranty information, technical support, or any questions during use, please refer to the contact information provided in your product packaging or visit the official 1Mii website. Our technical engineers and after-sales team are available to assist you.