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1Mii B310Pro

1Mii B310Pro Bluetooth 5.2 Transmitter Receiver User Manual

Model: B310Pro

1. INTRODUCTION

The 1Mii B310Pro is a versatile Bluetooth 5.2 audio adapter designed to enhance your audio experience. It functions as a Bluetooth transmitter (TX), a Bluetooth receiver (RX), and supports a bypass mode, allowing seamless integration with various audio systems. This device enables you to stream audio wirelessly from your TV or PC to Bluetooth headphones/speakers, or from your smartphone to your home stereo system. It supports advanced audio codecs like aptX HD and aptX Low Latency for high-quality, synchronized sound.

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Video: Overview of the 1Mii B310Pro Bluetooth Transmitter Receiver for TV.

2. PRODUCT OVERVIEW

The 1Mii B310Pro features a compact design with intuitive controls and multiple connectivity options. Familiarize yourself with the device layout and ports for optimal use.

2.1 Device Layout



Image: Top view of the 1Mii B310Pro showing control buttons and indicator lights.

2.2 Ports and Connections



Image: Rear view of the 1Mii B310Pro illustrating the various input and output ports including 3.5mm AUX, Optical, and DC power input.

3. FEATURES

- TX+RX+Bypass 3-in-1 Functionality:** Operates as an audio transmitter (TX) for streaming from TV/PC to Bluetooth headphones/speakers, a Bluetooth receiver (RX) for streaming from phone to home stereo, or in Bypass mode as a Digital-to-Analog Converter (DAC).
- Advanced Bluetooth 5.2:** Equipped with the latest Bluetooth 5.2 chip, ensuring stable and faster connections. Compatible with Bluetooth 5.0/4.2/4.0 devices.
- High-Quality Audio Codecs:** Supports aptX Adaptive, aptX HD, aptX Low Latency (LL), and SBC for superior sound quality and minimal audio-visual delay.
- Extended Long Range:** Achieves Bluetooth signals up to 164ft (50m) without obstacles, providing non-stop music throughout your home.
- Dual Link Capability:** Allows pairing with two Bluetooth headphones or speakers simultaneously, enabling shared listening experiences.
- Clear Readable Display:** An integrated screen provides easy visibility of device status and operational information.

- **Automatic Reconnection:** Automatically reconnects with the last paired device upon power-on.



Image: Visual representation of the advanced Bluetooth 5.2 technology and supported aptX codecs.



Image: The 1Mii B310Pro demonstrating its long-range capability of up to 164ft (50m) within a home environment.



Image: Two individuals enjoying TV audio simultaneously using separate Bluetooth headphones connected via the 1Mii B310Pro's dual link feature.

4. SETUP

4.1 Powering On

1. Connect the provided USB power cable to the DC IN port on the B310Pro.
2. Plug the other end of the USB cable into a 5V power adapter (not included) or a USB port on your TV/PC.
3. The device will power on automatically.

4.2 Connecting Audio Sources

Depending on your desired mode (TX, RX, or Bypass), connect your audio source and destination using the appropriate cables (Optical, 3.5mm AUX).

- **For TX Mode (Transmitter):** Connect your TV, PC, or other audio source to the B310Pro's input (Optical In or 3.5mm In).
- **For RX Mode (Receiver):** Connect your home stereo or speakers to the B310Pro's output (Optical Out or 3.5mm Out).
- **For Bypass Mode:** Connect your TV to the B310Pro's input (Optical In or 3.5mm In) and your home stereo to the B310Pro's output (Optical Out or 3.5mm Out).

5. OPERATING MODES

The 1Mii B310Pro supports three distinct operating modes: Transmitter (TX), Receiver (RX), and Bypass. Use the TX/RX/Bypass switch on the side of the device to select the desired mode.



Image: A diagram showing the three operational modes: TX (Transmitter) for TV to headphones, RX (Receiver) for phone to home stereo, and Bypass for direct audio pass-through.

5.1 Transmitter (TX) Mode

In TX mode, the B310Pro transmits audio from a non-Bluetooth device (e.g., TV, PC) to Bluetooth-enabled headphones or speakers.

1. Slide the mode switch to "TX".
2. Connect your audio source (e.g., TV) to the B310Pro's input (Optical In or 3.5mm In).
3. Ensure your Bluetooth headphones/speakers are in pairing mode.
4. Press the Bluetooth button on the B310Pro for 2 seconds to enter pairing mode. The 'A' or 'B' indicator will flash.
5. Once connected, the corresponding indicator ('A' or 'B') will light up blue.

5.2 Receiver (RX) Mode

In RX mode, the B310Pro receives Bluetooth audio from your smartphone or tablet and outputs it to your wired home stereo system or speakers.

1. Slide the mode switch to "RX".
2. Connect your home stereo/speakers to the B310Pro's output (Optical Out or 3.5mm Out).
3. On your smartphone/tablet, search for Bluetooth devices and select "B310Pro" to connect.
4. Once connected, the 'RX' indicator will light up blue.

5.3 Bypass Mode

Bypass mode allows audio to pass through the B310Pro directly from your audio source to your wired speakers without Bluetooth transmission or reception. This is useful if you want to use your wired speakers and occasionally switch to Bluetooth headphones without re-cabling.

1. Slide the mode switch to "Bypass".
2. Connect your audio source (e.g., TV) to the B310Pro's input (Optical In or 3.5mm In).
3. Connect your wired speakers to the B310Pro's output (Optical Out or 3.5mm Out).
4. Ensure the 'Bypass' indicator is lit.

6. PAIRING INSTRUCTIONS

Follow these steps to pair your Bluetooth devices with the 1Mii B310Pro in TX mode.

1. Ensure the B310Pro is in TX mode.
2. Put your first Bluetooth headphone/speaker into pairing mode.
3. Press the Bluetooth button on the B310Pro for 2 seconds. The 'A' indicator will flash, signifying it's searching for a device.
4. Once connected, the 'A' indicator will light up blue.
5. To pair a second device, put your second Bluetooth headphone/speaker into pairing mode.
6. Press the Bluetooth button on the B310Pro again for 2 seconds. The 'B' indicator will flash.
7. Once connected, the 'B' indicator will light up blue. Both 'A' and 'B' indicators will be lit, indicating two devices are connected.

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Video: Detailed instructions on how to pair two Bluetooth devices with the 1Mii B310Pro.

7. OPTICAL AUDIO SETUP

When using the optical connection, ensure your TV's audio output settings are correctly configured.

1. Connect the optical cable from your TV's Optical Out port to the B310Pro's Optical In port.
2. On your TV, navigate to the Sound or Audio Settings menu.
3. Select "Audio Output" and choose "Optical" or "External Speakers".
4. Ensure the Digital Audio Format is set to "PCM" or "Stereo". **Do not select Dolby Digital or DTS**, as these formats are not supported by the B310Pro for optical input.



Image: Illustration of connecting a TV to the 1Mii B310Pro using an optical fiber cable.

8. TROUBLESHOOTING

8.1 No Sound or Poor Audio Quality

- Check all cable connections to ensure they are secure and correctly inserted.
- Verify the B310Pro is in the correct mode (TX/RX/Bypass) for your setup.
- If using optical connection, ensure your TV's audio output is set to PCM/Stereo (not Dolby/DTS).
- Adjust the volume on both the B310Pro and your connected audio device (headphones/speakers).
- Ensure your Bluetooth headphones/speakers support aptX Low Latency if you are experiencing significant audio delay in TX mode.
- Move the B310Pro closer to your Bluetooth devices to reduce interference and improve signal strength.

8.2 Device Not Pairing

- Ensure the B310Pro is in TX mode and its Bluetooth indicator is flashing (pairing mode).
- Ensure your Bluetooth headphones/speakers are in pairing mode.
- Try resetting the B310Pro (see section 8.3).
- Clear previous pairing records on your Bluetooth headphones/speakers and try pairing again.

8.3 How to Reset the B310Pro

If you encounter persistent issues, performing a factory reset may resolve them.

1. With the B310Pro powered on, long press the "Bluetooth" button for approximately 10 seconds.
2. All indicator lights on the device will flash once, indicating a successful reset.
3. The B310Pro will then automatically re-enter pairing mode.

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Video: Instructions on how to reset the 1Mii B310Pro Bluetooth adapter.

9. SPECIFICATIONS

Feature	Detail

Feature	Detail
Product Dimensions	3.11 x 3.94 x 0.98 inches
Item Weight	3.2 ounces
Item Model Number	B310Pro
Connectivity Technology	Bluetooth 5.2
Supported Audio Codecs	aptX Adaptive, aptX HD, aptX Low Latency, SBC
Compatible Devices	Personal Computer, Television, Home Stereo Systems, Bluetooth Headphones/Speakers
Connector Type	3.5mm AUX jack, Optical (TOSLINK), USB (for power)
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0
Color	Black
Manufacturer	1mii

10. WHAT'S IN THE Box

The package for your 1Mii B310Pro includes the following items:

- 1x B310Pro Bluetooth 5.2 Transmitter Receiver
- 1x DC adapter + USB power cable
- 1x 3.5mm Male to RCA Male Cable
- 1x 3.5mm Audio Cable
- 1x Optical Cable
- 1x User Manual



1 1Mii Bluetooth Adapter



2 USB Power Cable



3 3.5mm Male To RCA Male Cable



4 3.5mm Audio Cable



5 Optical Cable



Image: The 1Mii B310Pro device along with its included accessories: USB power cable, 3.5mm to RCA cable, 3.5mm audio cable, and optical cable.

11. WARRANTY AND SUPPORT

1Mii products come with a standard warranty. For detailed warranty information, technical support, or any inquiries regarding your B310Pro, please refer to the official 1Mii website or contact their customer service directly. Keep your purchase receipt for warranty claims.