

1Mii ML301

1Mii Bluetooth 5.3 Transmitter Receiver ML301 Instruction Manual

Model: ML301 | Brand: 1Mii

INTRODUCTION

The 1Mii ML301 is a versatile Bluetooth 5.3 audio adapter designed to function as both a Bluetooth transmitter (TX) and a Bluetooth receiver (RX). It enables wireless audio streaming for a wide range of devices, transforming non-Bluetooth audio sources into Bluetooth-enabled ones, and vice-versa. Key features include support for advanced audio codecs like aptX Adaptive, aptX HD, and aptX Low Latency, allowing for high-quality audio and minimal delay. It also supports simultaneous connection to two Bluetooth devices.

PACKAGE CONTENTS

- 1Mii ML301 Bluetooth Transmitter Receiver
- 3.5mm AUX Audio Cable
- USB-C Charging Cable
- User Manual

DEVICE OVERVIEW

Familiarize yourself with the ML301's components:

- **Bluetooth Button:** Used for pairing and resetting.
- **TX/RX Switch:** Toggles between Transmitter (TX) and Receiver (RX) modes, or powers off the device.
- **3.5mm AUX Jack:** For audio input/output.
- **USB-C Port:** For charging the device.

完全に同期したステレオ

aptx HD を使用すると HD 音質を得ることができます。
aptx LL を使用すると低遅延効果を得ることができます
aptx Adaptive を使用すると、音質と遅延を適応的に調整でき消費電力も低くなり、
安定した接続、持続的な航続性をもたらします。

- ✕ Qualcomm® aptX™ HD
- ✕ Qualcomm® aptX Adaptive
- ✕ Qualcomm® aptX Low Latency



The 1Mii ML301 device with its TX/RX switch, Bluetooth button, 3.5mm audio jack, and USB-C charging port clearly visible.

CHARGING THE DEVICE

The ML301 has a built-in battery that provides up to 12 hours of use in TX mode and 15 hours in RX mode. It can also be used while charging.

1. Connect the USB-C charging cable to the ML301's USB-C port.
2. Connect the other end of the USB-C cable to a 5V USB power adapter (not included).
3. A full charge takes approximately 2.5 hours.



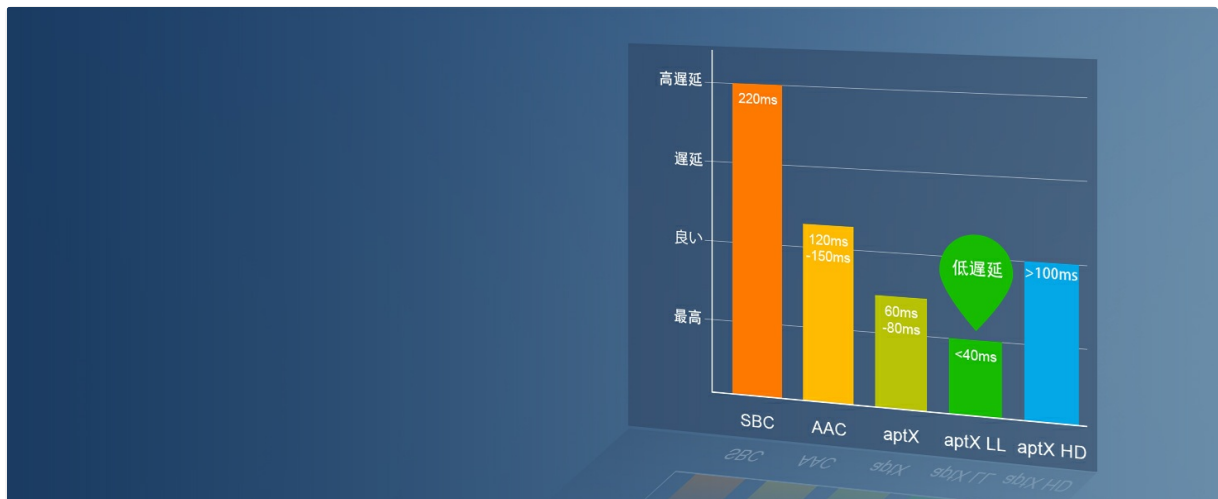
The ML301 can be charged via its USB-C port, allowing continuous use during charging. This image shows the device connected to a laptop, indicating it can be powered while in operation.

OPERATING INSTRUCTIONS

1. Transmitter Mode (TX)

In TX mode, the ML301 transmits audio from non-Bluetooth devices (like TVs, PCs, or fitness equipment) to Bluetooth-enabled headphones or speakers.

1. Connect one end of the 3.5mm AUX audio cable to the ML301's 3.5mm jack.
2. Connect the other end of the AUX cable to the 3.5mm audio output jack of your audio source (e.g., TV, PC, MP3 player, PS4/PS5).
3. Slide the TX/RX switch to the 'TX' position. The ML301 will automatically enter pairing mode (the LED will flash red and blue alternately).
4. Enable Bluetooth on your headphones or speakers and place them close to the ML301.
5. Once paired, the ML301's LED will turn purple, indicating a successful connection.



This diagram illustrates the ML301 operating in Transmitter (TX) mode, connecting to various audio sources such as a desktop PC, TV, Walkman, or gaming consoles, and wirelessly sending audio to Bluetooth headphones, soundbars, or speakers.

Your browser does not support the video tag. Please update your browser to view this content.

Video demonstrating how to use the ML301 in TX mode, including connecting the AUX cable and pairing with Bluetooth headphones.

2. Receiver Mode (RX)

In RX mode, the ML301 receives audio from Bluetooth-enabled devices (like smartphones or tablets) and outputs it to non-Bluetooth audio systems (such as home stereos, wired speakers, or car audio).

1. Connect one end of the 3.5mm AUX audio cable to the ML301's 3.5mm jack.
2. Connect the other end of the AUX cable to the 3.5mm audio input jack of your audio receiver (e.g., wired speakers, amplifier, car audio).
3. Slide the TX/RX switch to the 'RX' position. The ML301 will automatically enter pairing mode (the LED will flash red and blue alternately).
4. Enable Bluetooth on your smartphone, tablet, or laptop and search for 'ML301' in the Bluetooth device list.
5. Select 'ML301' to connect. Once paired, the ML301's LED will turn purple, indicating a successful connection.

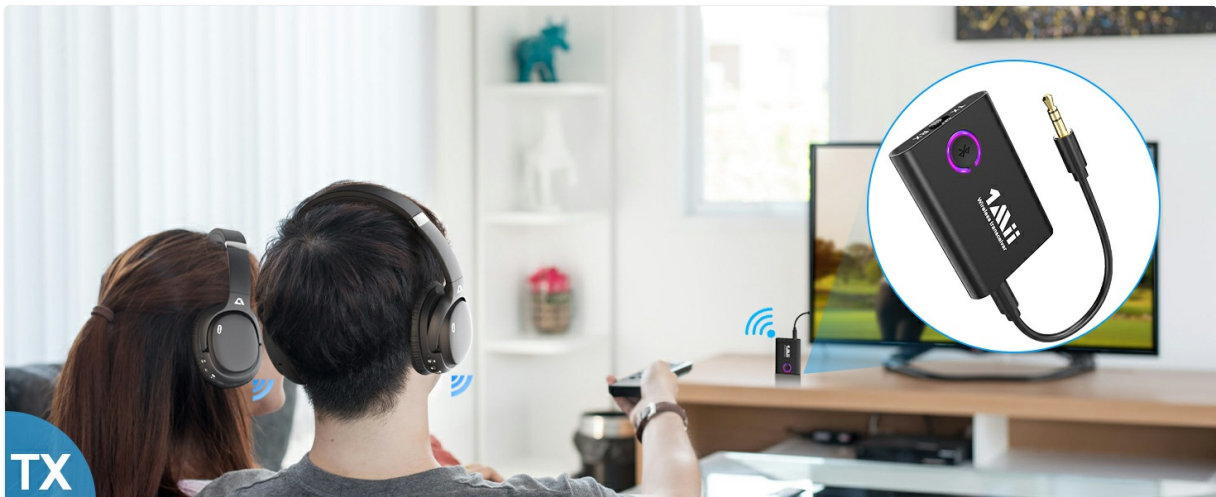


This diagram illustrates the ML301 operating in Receiver (RX) mode, receiving audio wirelessly from a smartphone, Bluetooth laptop, or tablet, and outputting it to wired speakers, an amplifier, or car audio systems.

3. Dual Device Connection (TX Mode)

The ML301 can connect to two Bluetooth headphones or speakers simultaneously in TX mode.

1. Connect the ML301 to your audio source and pair it with the first Bluetooth device as described in the TX mode instructions.
2. Once the first device is connected (LED turns purple), press the Bluetooth button on the ML301 for approximately 2 seconds until the LED flashes red and blue alternately again. This puts the ML301 back into pairing mode.
3. Enable Bluetooth on your second headphones or speakers and place them close to the ML301.
4. Once the second device is paired, the ML301's LED will turn purple, indicating both devices are connected.



The ML301 supports connecting to two Bluetooth headphones or speakers simultaneously in TX mode, allowing two users to enjoy audio from a single source.

4. Audio Codecs

The ML301 supports various audio codecs for optimal sound quality and latency:

- **aptX Adaptive:** Dynamically adjusts audio quality and latency for the best experience, offering high-quality sound, stable connection, and low power consumption.
- **aptX HD:** Provides CD-like high-quality stereo audio.
- **aptX Low Latency (LL):** Ideal for TV viewing, minimizing audio delay to ensure lip-sync. Note: Both the ML301 and your receiving Bluetooth device (headphones/speakers) must support aptX LL for this feature to work. Otherwise, a delay of 70-220ms may occur.
- **AAC/SBC:** Standard Bluetooth codecs.

In TX mode, the ML301 supports SBC/aptX/aptX HD/LL/Adaptive audio decoding. In RX mode, it supports SBC/AAC/aptX/aptX HD/Adaptive audio decoding.

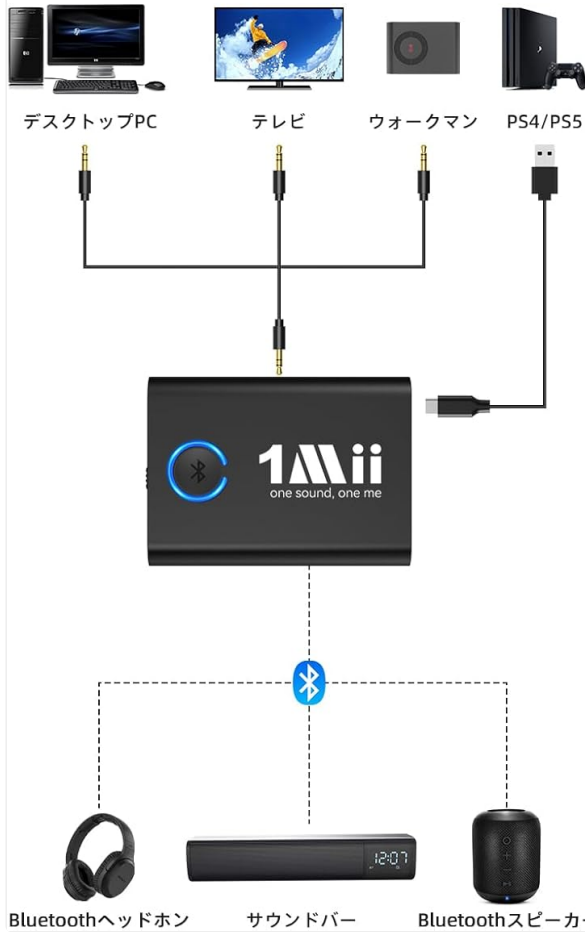


This image highlights the ML301's support for aptX Adaptive and aptX HD codecs, ensuring high-quality audio transmission.

Bluetoothトランスミッターモード

Bluetooth非対応のPC、TV、MP3/MP4、PS4/PS5をBluetoothデバイスにする

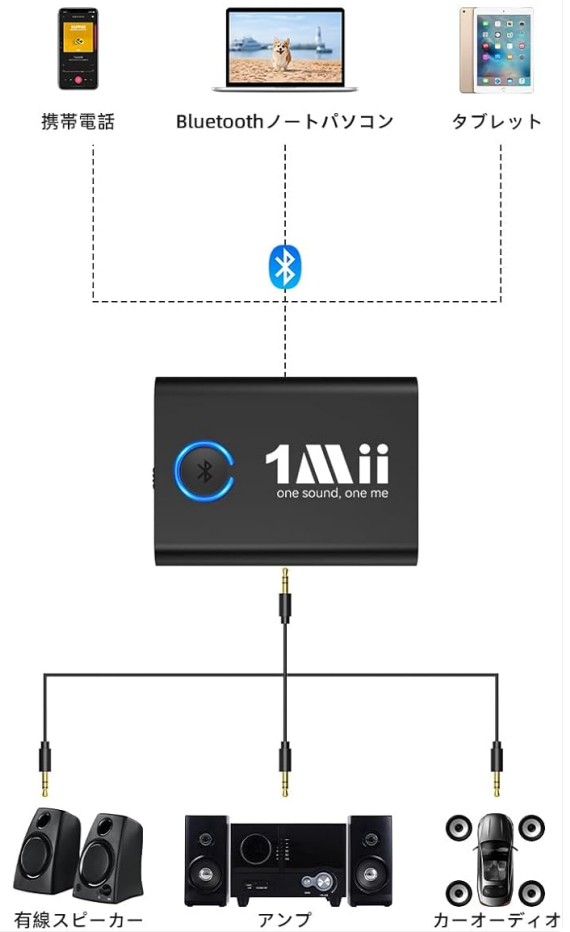
TX



Bluetoothレシーバーモード

Bluetooth以外のオーディオデバイスにBluetooth機能を追加する

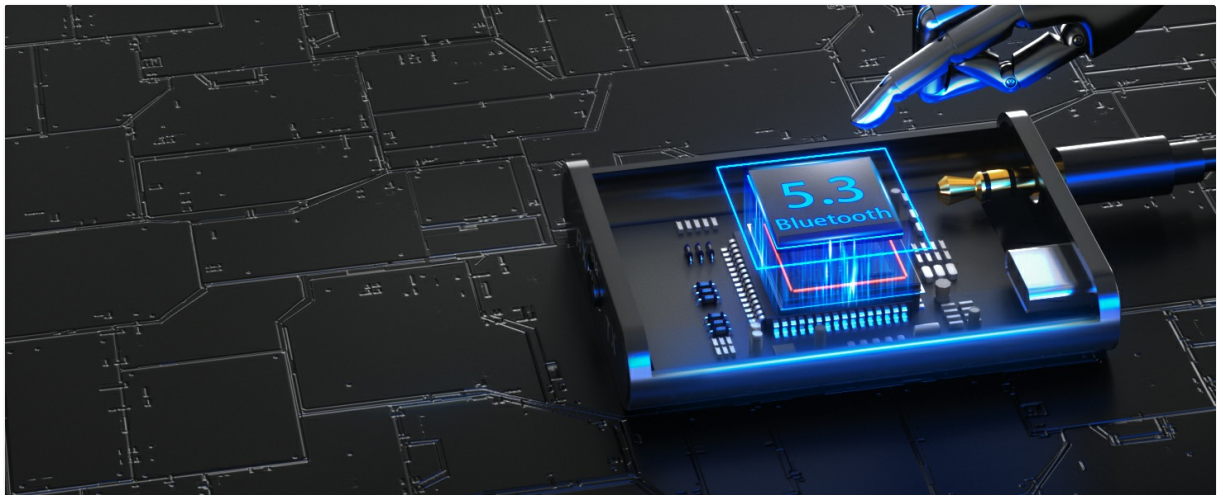
RX



This image demonstrates the ML301 providing synchronized stereo audio for TV viewing, emphasizing its support for aptX HD, aptX Adaptive, and aptX Low Latency for an enhanced audio experience.

5. Bluetooth 5.3 Technology

The ML301 incorporates Bluetooth 5.3 technology, offering faster and more stable connections. In an unobstructed environment, the Bluetooth signal transmission distance can reach 10-20 meters.



This image illustrates the enhanced range and stability provided by Bluetooth 5.3 technology in the ML301, showing a connection to headphones over a distance.

6. Versatile Use Cases

The compact and portable design of the ML301 makes it suitable for various applications:

- **In-flight Entertainment:** Connect to airplane audio systems to use your wireless headphones.
- **Car Audio:** Stream music wirelessly from your phone to your car's audio system.
- **Fitness Equipment:** Connect to gym machines with a 3.5mm jack to use your Bluetooth headphones.



The ML301 in TX mode allows users to connect their wireless headphones to in-flight entertainment systems, enhancing travel comfort.



In RX mode, the ML301 can be used in a car to wirelessly stream audio from a smartphone to the vehicle's audio system via the AUX input.

TROUBLESHOOTING

- **Pairing Issues:** If the ML301 fails to pair, ensure no other Bluetooth devices are connected to the ML301 or the target device. Turn off Bluetooth on previously paired devices (e.g., phone's Bluetooth). Keep the ML301 and the target Bluetooth device within 1 meter during pairing. You may need to reset the ML301's pairing record by pressing the Bluetooth button for 8-10 seconds until the light turns purple and flashes three times.
- **Audio Delay (Latency):** For minimal delay, ensure both the ML301 and your Bluetooth headphones/speakers support aptX Low Latency (aptX LL) technology. If not, a delay of 70-220ms may occur. Note that aptX LL only functions in TX mode.
- **Automatic Shutdown:** The ML301 features a power-off protection function. If it is not connected to any device within 5 minutes, it will automatically shut down. To use it again, slide the power switch from TX/RX to 'OFF' and then back to TX/RX. It will then reconnect to previously paired devices.
- **AirPods Compatibility:** The ML301 is compatible with AirPods (1st and 2nd generation) but not with

AirPods Pro (2nd generation) or AirPods Max.

Your browser does not support the video tag. Please update your browser to view this content.

Video demonstrating how to reset the ML301's Bluetooth pairing, which can help resolve connection issues.

SPECIFICATIONS

Brand	1Mii
Model Number	ML301
Connectivity Technology	AUX, Bluetooth
Bluetooth Version	5.3
Supported Audio Codecs (TX)	SBC, aptX, aptX HD, aptX LL, aptX Adaptive
Supported Audio Codecs (RX)	SBC, AAC, aptX, aptX HD, aptX Adaptive
Continuous Use Time (TX Mode)	Up to 12 hours
Continuous Use Time (RX Mode)	Up to 15 hours
Charging Time	Approx. 2.5 hours
Dimensions (L x W x H)	5.5 x 4 x 1.5 cm
Weight	4 grams (battery)
Material	Plastic

WARRANTY AND SUPPORT

The 1Mii ML301 comes with a 1-year quality warranty. For technical support or warranty claims, please contact 1Mii customer service through your retailer or the official 1Mii website.