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› YMOO B06T3+ LDAC Bluetooth 5.2 Receiver for Home Stereo, Aptx SBC AAC Bluetooth Audio Adapter, 30ms Low Latency, RCA 3.5mm Jack Aux HiFi for Speaker/Older Stereo/Amplifier from Phone/Tablet/Laptop

YMOO B06T3 Pro

YMOO B06T3+ Bluetooth Audio Receiver User Manual

MODEL: B06T3 Pro

Comprehensive guide for setup, operation, and maintenance of your YMOO B06T3+ LDAC Bluetooth 5.2 Receiver.

Product Overview

The YMOO B06T3+ is a versatile Bluetooth 5.2 audio receiver designed to bring wireless audio streaming capabilities to your home stereo system, speakers, or amplifiers. It supports high-fidelity audio codecs such as LDAC, Aptx, SBC, and AAC, ensuring excellent sound quality. With its low latency features, it is suitable for both music listening and video watching, minimizing audio-visual synchronization issues.



Image: The YMOO B06T3+ Bluetooth Audio Receiver, showcasing its compact design and the various audio cables (3.5mm, RCA) and power cable connections it supports.

Setup Guide

1. What's in the Box

Before you begin, ensure all components are present:

- YMOO B06T3+ Bluetooth Audio Receiver
- Power Cable (USB)
- 3.5mm Audio Cable
- RCA Audio Cable

- User Manual (this document)

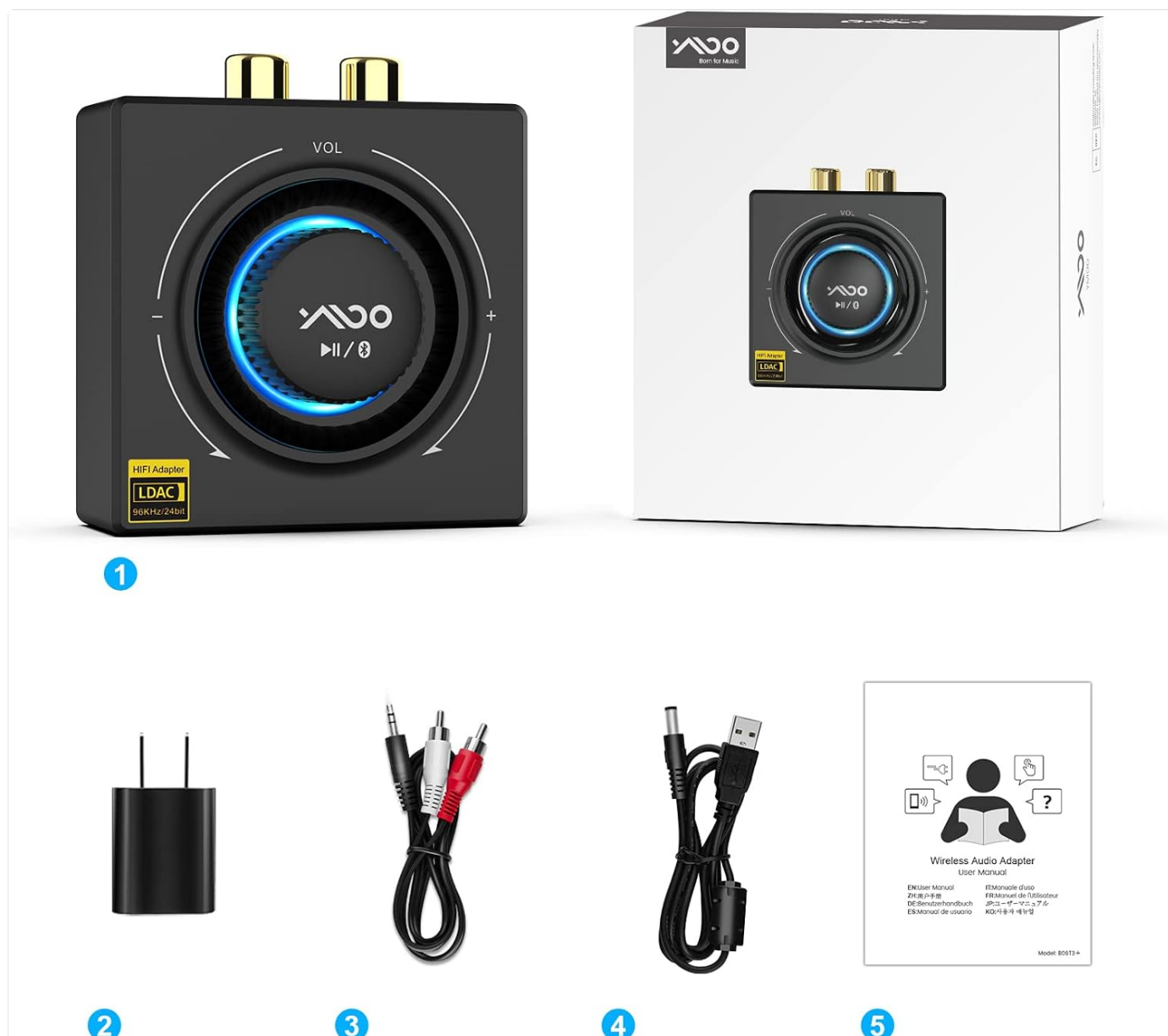


Image: A visual representation of the YMOO B06T3+ package contents, including the receiver unit, power adapter, 3.5mm audio cable, RCA audio cable, and the user manual.

2. Connecting the Device

The B06T3+ can connect to your audio system via RCA or 3.5mm AUX output.

1. **Power Connection:** Connect the provided USB power cable to the DC 5V IN port on the back of the B06T3+ and plug the other end into a USB power adapter (not included) or a USB port on your audio system/computer.
2. **Audio Output Connection:**
 - **Using RCA Cables:** Connect one end of the RCA audio cable (red and white plugs) to the RCA OUT ports on the B06T3+ (red to R, white to L). Connect the other end to the corresponding RCA input ports on your amplifier, stereo receiver, or powered speakers.
 - **Using 3.5mm AUX Cable:** Connect one end of the 3.5mm audio cable to the 3.5mm OUT port on the B06T3+. Connect the other end to the 3.5mm AUX input port on your speaker, soundbar, or amplifier.

Wake Up Your Old Audio System

Turning your stereo system/speaker/amplifier into Bluetooth enable device

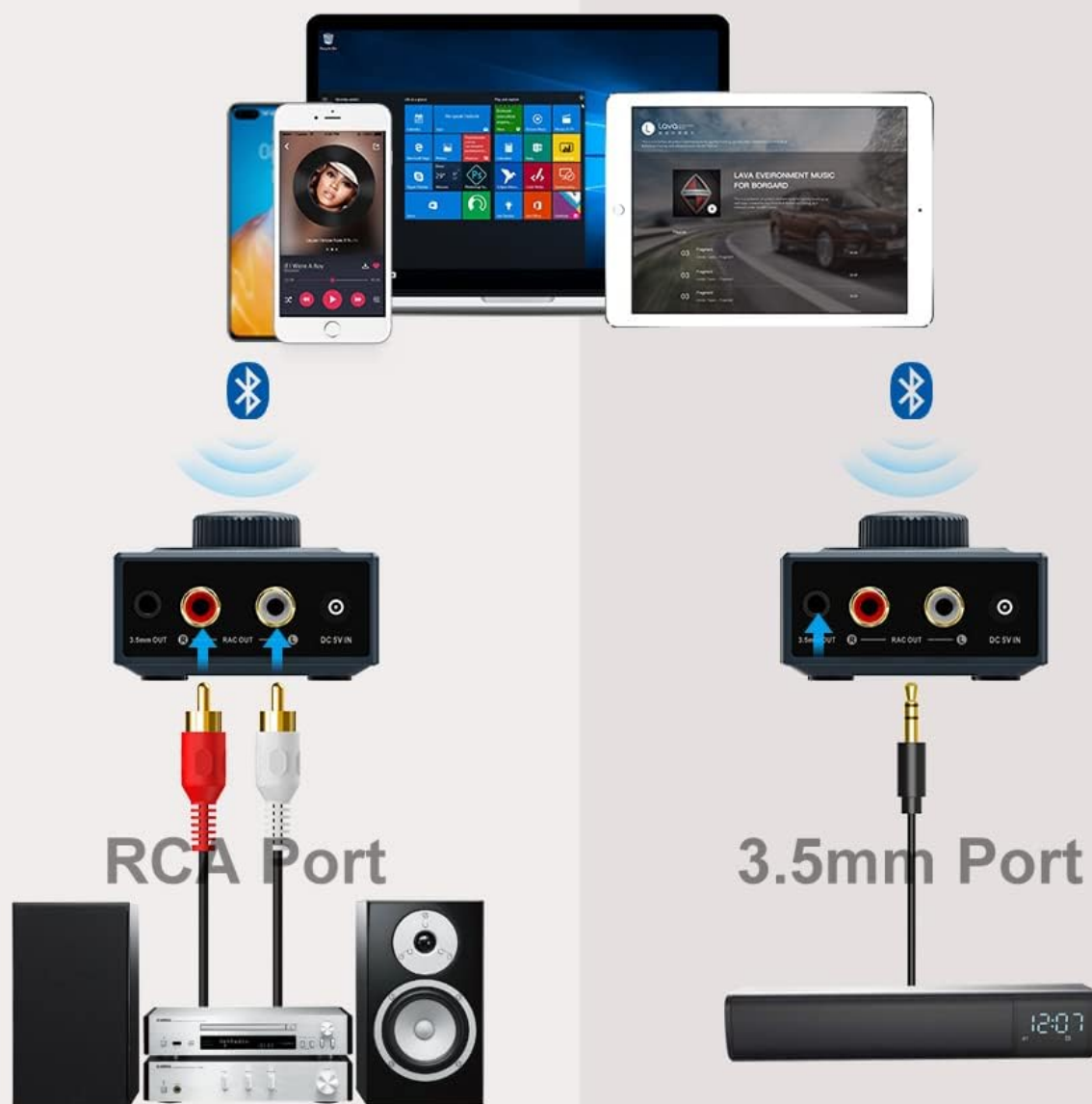


Image: A diagram illustrating how to connect the YMOO B06T3+ to an audio system using either RCA cables for a stereo setup or a 3.5mm cable for a soundbar or similar device.

3. Bluetooth Pairing

1. Ensure the B06T3+ is powered on. The LED indicator on the device will flash red and blue, indicating it is in pairing mode.
2. On your Bluetooth-enabled device (smartphone, tablet, laptop, TV), go to the Bluetooth settings.
3. Search for available devices and select "B06T3+" from the list.
4. Once connected, the LED indicator on the B06T3+ will turn solid (color depends on the active audio codec, see "Audio Select LED Indicator" section), indicating a successful pairing.
5. You can now play audio from your device, and it will be transmitted wirelessly to your connected speakers.

Operating Instructions

Multi-function Control Knob

The large central knob on the B06T3+ serves multiple functions:

- **Volume Control:** Rotate the knob clockwise to increase volume, counter-clockwise to decrease volume.
- **Play/Pause:** Press the knob once to play or pause the current audio track.
- **Next Song:** Double-click the knob to skip to the next song.
- **Previous Song:** Triple-click the knob to go back to the previous song.

Plug

Insert the power cable and audio cable into the device



Pair

Turn on the Bluetooth on your phone and Pair with B06T3+

Play

Enjoy your wireless music



Image: An illustration detailing the various controls of the multi-function knob: single press for play/pause, double press for next track, and triple press for previous track.

Audio Select LED Indicator

The LED light around the control knob indicates the active audio codec:

- **Purple:** LDAC codec active.

- **White:** Aptx-Low Latency (Aptx-LL) codec active.
- **Green:** Aptx-HD codec active.
- **Light Blue:** SBC/AAC codec active.

Multi-function Control Knob

Push or rotate the control knob to play/pause the music or adjust volume



Image: A visual guide to the LED indicator colors on the YMOO B06T3+, showing which color corresponds to each active audio codec (SBC/AAC, aptX, aptX-LL, aptX-HD, LDAC).

Low Latency Performance

The B06T3+ is designed for minimal audio delay:

- LDAC provides approximately 30ms low latency.
- Aptx-Low Latency provides approximately 40ms low latency.

This ensures that audio and video remain synchronized, which is particularly beneficial for watching movies or playing games. Note that LDAC/Aptx settings are typically supported on Android smartphones.

LDAC

AAC
SBC

 Qualcomm® aptX™
Low Latency

 Qualcomm®
aptX™ HD

 Qualcomm®
aptX™

Supports up to 24bit/96 kHz sampling rate

LDAC

990kbps

Supports up to 24bit/48 kHz sampling rate

aptX HD

576kbps

Supports up to 16bit/96 kHz sampling rate

AAC

264kbps

Supports up to 16bit/48 kHz sampling rate

SBC

328kbps

Image: A chart comparing the maximum sampling rates and bitrates for LDAC, aptX HD, AAC, and SBC audio codecs, highlighting the superior performance of LDAC.

Wireless Transmission Distance

The B06T3+ offers a wireless transmission distance of up to 50 feet (approximately 15 meters), allowing for flexible placement of your audio source device.

Maintenance

To ensure the longevity and optimal performance of your YMOO B06T3+ Bluetooth Audio Receiver, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the surface of the device. Avoid using liquid cleaners, aerosols, or abrasive solvents, as these can damage the finish or internal components.

- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which can cause internal damage.
- **Connectivity:** Ensure all cables are connected securely but do not force them. Periodically check cable connections for any signs of wear or damage.

Troubleshooting

If you encounter issues with your YMOO B06T3+, refer to the following common problems and their solutions:

No Sound Output

- **Check Power:** Ensure the B06T3+ is properly powered on and the LED indicator is lit.
- **Check Audio Cables:** Verify that the RCA or 3.5mm audio cables are securely connected to both the B06T3+ and your audio system's input ports.
- **Source Selection:** Confirm that your amplifier or speakers are set to the correct input source (e.g., AUX, Line In) that the B06T3+ is connected to.
- **Volume Levels:** Adjust the volume on both your connected Bluetooth device and the B06T3+ (using the control knob) to an audible level. Also, check the volume on your amplifier/speakers.
- **Bluetooth Connection:** Ensure your Bluetooth device is successfully paired and connected to the B06T3+. The LED should be solid, not flashing.

Cannot Pair with Bluetooth Device

- **Pairing Mode:** Make sure the B06T3+ is in pairing mode (LED flashing red and blue). If it's already connected to another device, disconnect it first.
- **Device Bluetooth:** Ensure Bluetooth is enabled on your source device (smartphone, tablet, etc.).
- **Distance:** Keep your Bluetooth device within close proximity (e.g., 1 meter) to the B06T3+ during the pairing process.
- **Forget Device:** If you've previously paired, try "forgetting" or "unpairing" the B06T3+ from your device's Bluetooth settings and then attempt to pair again.
- **Restart:** Power cycle both the B06T3+ and your Bluetooth source device.

Poor Audio Quality or Intermittent Connection

- **Interference:** Move the B06T3+ and your Bluetooth device away from other wireless devices (Wi-Fi routers, cordless phones, microwaves) that may cause interference.
- **Obstacles:** Ensure there are no significant physical obstructions (walls, large metal objects) between the B06T3+ and your Bluetooth device.
- **Distance:** While the device has a good range, exceeding 50 feet or having too many obstacles can degrade signal quality. Try moving closer.
- **Audio Source Quality:** Ensure the audio being streamed from your source device is of good quality. Low-quality source audio will not be improved by the receiver.
- **Codec Selection:** If possible, try different audio codecs (LDAC, Aptx) on your source device to see if one provides better stability or quality.

Specifications

Feature	Detail
Model Number	B06T3 Pro
Bluetooth Version	5.2
Supported Audio Codecs	LDAC, Aptx, SBC, AAC
Low Latency	LDAC: ~30ms, Aptx-LL: ~40ms
Wireless Range	Up to 50 feet (15 meters)
Audio Output	RCA, 3.5mm AUX
Power Input	DC 5V (USB)
Product Dimensions (L x W x H)	2.3 x 2.1 x 1.3 inches (5.8 x 5.3 x 3.3 cm)
Item Weight	1.38 ounces (39 grams)
Compatible Devices	Amplifiers, Speakers, Televisions, Smartphones, Tablets, Laptops

Warranty and Support

YMOO products are designed for reliability and performance. For detailed warranty information, please refer to the warranty card included with your product packaging or visit the official YMOO website.

For further assistance, technical support, or to download the latest user guide, please visit the YMOO support page or contact customer service through the details provided on the product packaging or official website.

You can also refer to the official User Guide PDF for additional information:[Download User Guide PDF](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question