

Ankilo CP326

Ankilo Bluetooth 5.3 2-in-1 Transmitter Receiver (Model CP326) User Manual

Model: CP326 | Brand: Ankilo

1. INTRODUCTION AND OVERVIEW

The Ankilo Bluetooth 5.3 2-in-1 Transmitter Receiver is a versatile wireless audio adapter designed to enhance your audio experience across various devices. It functions as both a Bluetooth transmitter (TX mode) to add wireless audio capabilities to non-Bluetooth devices like TVs or game consoles, and a Bluetooth receiver (RX mode) to stream audio wirelessly to your car stereo or home speakers from your smartphone or tablet. Featuring the latest Bluetooth 5.3 technology, this adapter ensures faster pairing, stable signal transmission up to 10 meters, and low latency for high-quality audio, making it ideal for gaming, movies, and music. Its compact design and long battery life provide convenience for both home and travel use.

2. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- Ankilo Bluetooth 5.3 2-in-1 Transmitter Receiver (Main Unit)
- Type-C Charging Cable
- 3.5mm Dual Audio Adapter (AUX Coupler)
- RCA Cable (Red/White to 3.5mm)
- Airplane Headphone Adapter
- User Manual



Image: All accessories included with the AnkiLo Bluetooth 5.3 2-in-1 Transmitter Receiver.

3. PRODUCT DIAGRAM AND COMPONENTS

Familiarize yourself with the device's components:

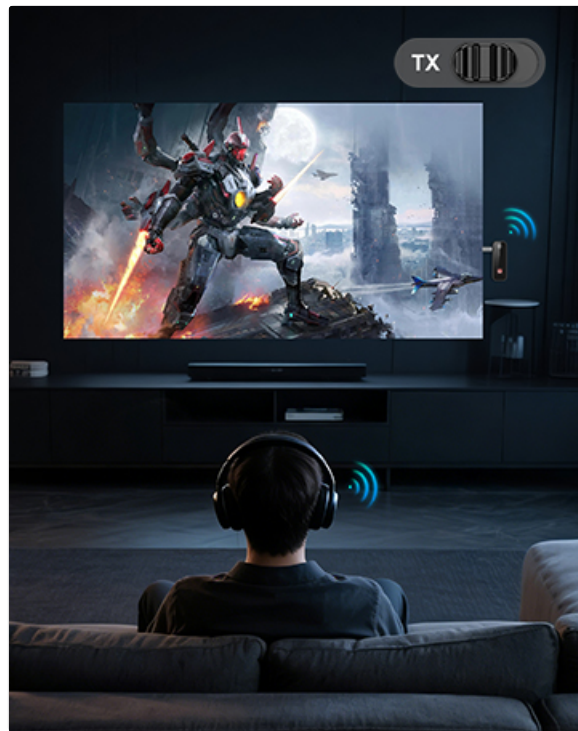


Image: Labeled diagram of the Ankilo Bluetooth 5.3 2-in-1 Transmitter Receiver.

- **Audio Cable & 3.5mm Audio Jack:** For connecting to audio input/output ports.
- **Power Button:** Long press to power on/off.
- **Function Button (M):** Used for dual pairing in TX mode.
- **TX/RX Mode Select Switch:** Slide to switch between Transmitter (TX) and Receiver (RX) modes.
- **Connection Lights (1 & 2):** Indicate pairing status for connected devices.
- **Charging Indicator:** Shows charging status.
- **Type-C Charging Interface:** For recharging the device.
- **Reset Button:** Small button for resetting the device.

4. SETUP AND OPERATION

4.1. Powering On/Off

- **To Power On:** Long press the Power button for 3 seconds. The indicator light will flash.
- **To Power Off:** Long press the Power button for 3 seconds. The indicator light will turn off.

4.2. Receiver Mode (RX) Operation

In RX mode, the adapter receives audio wirelessly from your Bluetooth-enabled device (e.g., smartphone, tablet) and outputs it to a non-Bluetooth audio system (e.g., car stereo, home speakers).

1. **Switch to RX Mode:** Slide the TX/RX switch to the 'RX' position.
2. **Power On:** Long press the Power button for 3 seconds. The indicator light will flash.
3. **Connect to Audio System:** Plug the 3.5mm audio jack of the adapter into the AUX input of your car stereo, home speaker, or amplifier.
4. **Pair with Your Device:**
 - On your smartphone or tablet, go to Bluetooth settings.
 - Search for available devices and select "BT-20".
 - Once successfully paired, the first connection indicator light will remain steadily green.

5. **Play Audio:** Start playing music or audio on your paired device. The sound will be transmitted to your connected audio system.



Image: RX Mode setup steps, connecting to a smartphone and an audio device.

4.3. Transmitter Mode (TX) Operation

In TX mode, the adapter transmits audio wirelessly from a non-Bluetooth audio source (e.g., TV, computer, game console) to your Bluetooth headphones or speakers.

1. **Switch to TX Mode:** Slide the TX/RX switch to the 'TX' position.
2. **Power On:** Long press the Power button for 3 seconds. The indicator light will flash.
3. **Connect to Audio Source:** Plug the 3.5mm audio jack of the adapter into the audio output port of your TV, computer, or other audio source. Use the provided RCA cable or airplane adapter if necessary.
4. **Pair with Bluetooth Headphones/Speakers:**
 - Put your Bluetooth headphones or speaker into pairing mode (refer to your device's manual).
 - The adapter will automatically search and connect to your Bluetooth audio device.
 - Once successfully paired, the first connection indicator light will remain steadily green.
5. **Play Audio:** Start playing audio from your source device. The sound will be transmitted to your Bluetooth headphones/speakers.

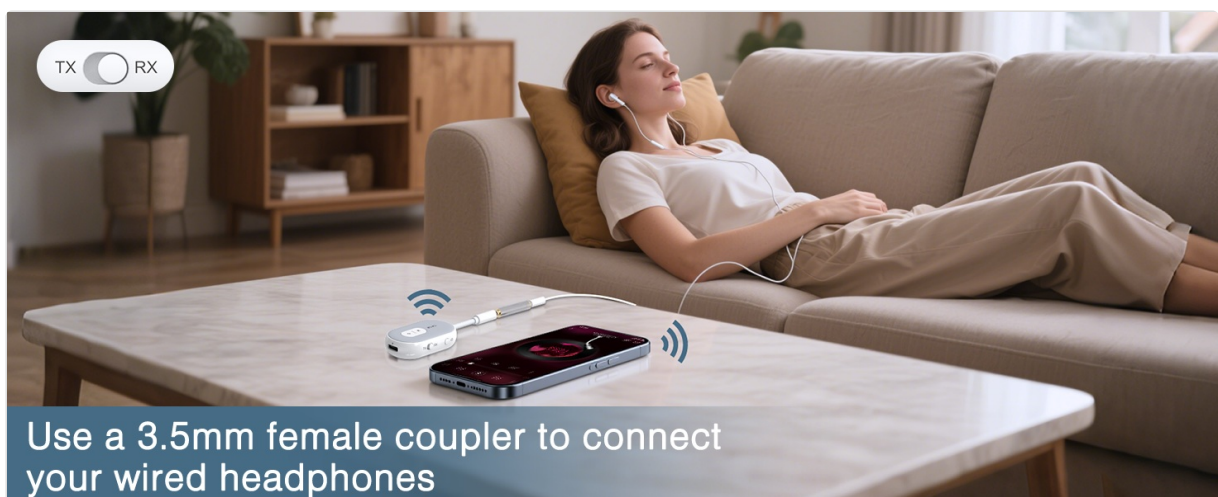


Image: TX Mode setup steps, connecting to a TV and Bluetooth headphones.

4.4. Dual Pairing (TX Mode)

The Ankilo adapter supports simultaneous pairing with two Bluetooth headphones or speakers in TX mode, allowing two people to enjoy audio from the same source.

1. Ensure the adapter is in TX mode and connected to your audio source.
2. Pair the first Bluetooth headphone/speaker as described in Section 4.3. The first connection indicator light will be steady green.
3. Put the second Bluetooth headphone/speaker into pairing mode.
4. On the Ankilo adapter, **long press the 'M' (Function) button**. The second connection indicator light will flash, indicating it's searching for the second device.
5. Once the second device is successfully paired, both connection indicator lights will remain steadily green.



Image: Dual pairing feature, connecting to two Bluetooth headphones.

5. CHARGING

The adapter is powered by a high-capacity battery, offering up to 18 hours of continuous playback on a full charge (RX mode) or 16 hours (TX mode). The Type-C port allows for quick recharging.

- Connect the provided Type-C charging cable to the adapter's charging port and a USB power source (e.g., computer, wall adapter).
- The charging indicator light will illuminate during charging and turn off when fully charged.
- A full charge typically takes approximately 2 hours.

Long Battery Life



Full Charge: 2H



Type-C Charging

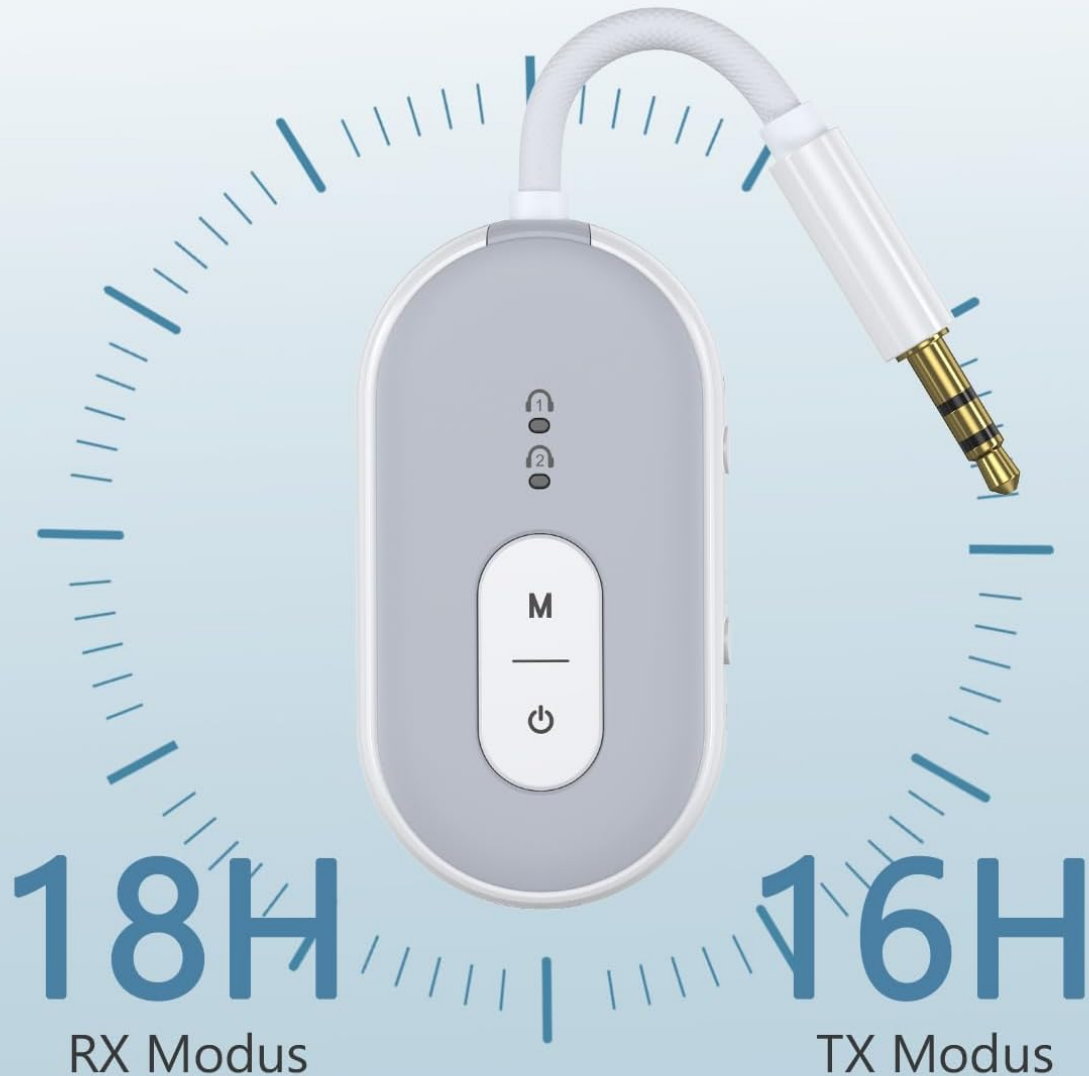


Image: Battery life and charging information.

6. COMPATIBILITY

This adapter works seamlessly with devices that have a 3.5mm AUX port. It supports a wide range of devices and audio codecs:

- **Compatible Devices:** Speakers, car stereos, TVs, desktop PCs, gaming consoles, aircraft entertainment systems, power amplifiers, treadmills, and other audio devices with a 3.5mm audio input/output.
- **Supported Standards:** Bluetooth 5.3, SBC, APTX, AAC.
- **Supported Media Type:** Bluetooth audio.
- **Supported Application:** MP3, WAV, WMA, FLAC, APE.

Wide Compatibility

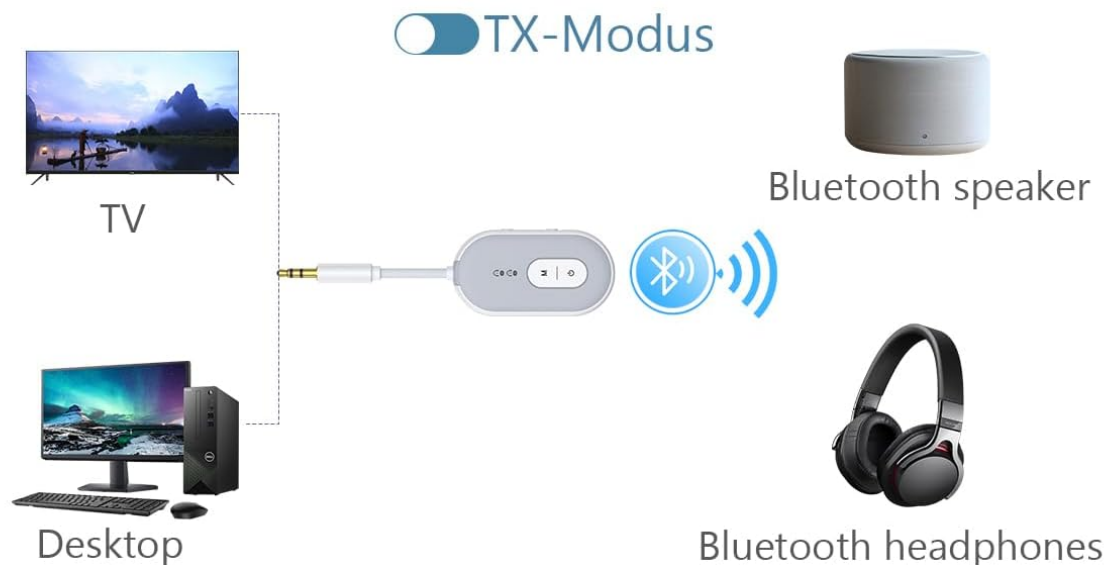
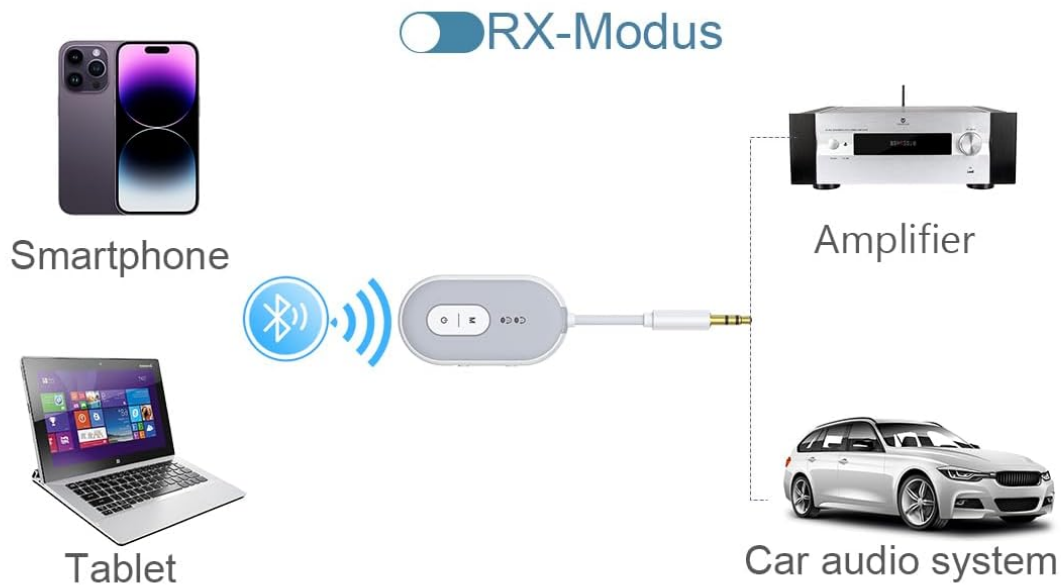


Image: Wide compatibility for various devices in RX and TX modes.

7. MAINTENANCE AND PRECAUTIONS

To ensure the longevity and optimal performance of your Ankilo Bluetooth adapter, please observe the following:

- Always follow battery handling precautions.
- Avoid interference with other wireless devices.
- Keep away from extreme temperatures and humidity.
- Do not disassemble or attempt to repair the device yourself.
- Clean the device with a soft, dry cloth. Avoid using harsh chemicals.
- Protect the device from static electric shock, as it can cause damage.

8. TROUBLESHOOTING

If you encounter issues with your Ankilo Bluetooth adapter, try the following solutions:

- **Device Not Powering On:** Ensure the device is fully charged. Connect it to a power source using the Type-C cable.
- **Unable to Pair:**
 - Ensure the adapter is in the correct TX or RX mode.
 - Make sure your target Bluetooth device (headphones/speaker/phone) is in pairing mode.
 - Turn off other nearby Bluetooth devices to avoid interference.
 - Try resetting the adapter by pressing the reset button with a small pin.
 - Some older Bluetooth devices or specific models may have compatibility issues.
- **No Audio Output/Input:**
 - Check that the 3.5mm audio cable is securely connected to both the adapter and the audio source/destination.
 - Ensure the volume on both the adapter and the connected audio device is turned up.
 - Verify that the adapter is successfully paired (steady green indicator light).
- **Audio Delay (Latency):** While the device supports low latency, some audio codecs or device combinations might introduce slight delays. Ensure both devices support aptX for optimal performance.

9. SPECIFICATIONS

Feature	Specification
Model Name	CP326
Brand	Ankilo
Connectivity Technology	Bluetooth 5.3
Special Feature	Low Latency
Power Source	Corded Electric (for charging)
Rechargeable Battery	Yes, 300 mAh
Operating Modes	Transmitter (TX), Receiver (RX)
Wireless Communication Standard	Bluetooth
Supported Standards	Bluetooth 5.3, SBC, APTX, AAC
Audio Input	3.5mm AUX
Audio Output Type	Auxiliary, Bluetooth
Audio Output Mode	Stereo
Number of Channels	2
Control Method	Push Button
Operating Range	Up to 10 meters (33 feet)

10. WARRANTY AND SUPPORT

Ankilo provides a **1-Year Manufacturer Warranty** for this product. For any inquiries, technical support, or warranty claims, please contact Ankilo customer service. We are committed to providing hassle-free returns & exchanges and 24-hour live support online.



Image: Ankilo Customer Support Information.

11. OFFICIAL PRODUCT VIDEO

Watch this official video from Ankilo-NYSM for a visual guide on how to use the Bluetooth 5.3 Adapter in both Receiver (RX) and Transmitter (TX) modes, including dual pairing functionality.

Video: Amazon Recommend - Ankilo Aux Bluetooth 5.3 Adapter. This video demonstrates the setup and use of the Ankilo Bluetooth adapter in both RX and TX modes, including how to pair with multiple devices.