

## Ankilo CP322

# Ankilo Bluetooth Transmitter Receiver User Manual

Model: CP322

## INTRODUCTION

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The Ankilo 2-in-1 Bluetooth Transmitter Receiver is a versatile audio adapter designed to enhance your audio experience. It allows you to wirelessly transmit audio from non-Bluetooth devices (like TVs, PCs, or airplane entertainment systems) to Bluetooth headphones or speakers (TX mode), or receive audio from Bluetooth-enabled devices (like smartphones or tablets) and play it through wired speakers or car stereos (RX mode). Featuring Bluetooth 5.3 technology, it offers stable connections, low latency, and clear audio.



Image: The Ankilo 2-in-1 Bluetooth Transmitter Receiver, a compact black device with a 3.5mm audio jack, volume buttons, and a mode switch.

## SAFETY INFORMATION

Please read the following safety information carefully before using the device:

- **Battery Handling Precautions:** Do not disassemble, puncture, or modify the device. Avoid exposing the battery to extreme temperatures (above 60°C/140°F) or direct sunlight. Dispose of the device and battery according to local

regulations.

- **Potential Interference:** This device operates using radio frequencies and may cause interference with other electronic devices, medical equipment (e.g., pacemakers), or aircraft navigation systems. Always follow regulations and turn off the device where prohibited.
- Keep out of reach of children.
- Avoid dropping or subjecting the device to strong impacts.
- Do not expose to water or excessive moisture.

## PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your Ankilo Bluetooth Transmitter Receiver.



Image: A detailed diagram showing the components of the Ankilo Bluetooth adapter, including the AUX connector, volume/track buttons, M button (mode/pairing), indicator light, TX/RX switch, and charging port.

- 1. AUX Connector:** 3.5mm audio jack for connecting to audio sources or output devices.
- 2. '+' Button:** Click for Next Song (RX mode), Long press for Increase Volume.
- 3. '-' Button:** Click for Previous Song (RX mode), Long press for Decrease Volume.
- 4. 'M' Button:** Multi-function button for mode selection and pairing.
- 5. Indicator Light:** Displays device status (pairing, connected, charging).
- 6. TX/RX Switch Button:** Toggles between Transmitter (TX) and Receiver (RX) modes.
- 7. Charging Port:** USB-C port for charging the device.

## SETUP AND OPERATION

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### Charging the Device

Before first use, fully charge the device. Connect the provided USB-C cable to the charging port on the adapter and the other end to a USB power source (e.g., computer USB port, wall adapter). The indicator light will show charging status and turn off when fully charged.

# Long Battery Time



Image: An exploded view of the Ankilo Bluetooth adapter showing the internal battery and circuit board, with a USB-C cable connected to the charging port. Text indicates 2 hours charge time, 14 hours RX mode battery life, and 11 hours TX mode battery life.

## Transmitter (TX) Mode

In TX mode, the device transmits audio from a non-Bluetooth source to your Bluetooth headphones or speakers.

- 1. Switch to TX Mode:** Slide the TX/RX switch button to the 'TX' position.
- 2. Connect to Audio Source:** Plug the 3.5mm AUX connector of the adapter into the audio output port of your non-Bluetooth device (e.g., TV, PC, airplane entertainment system).
- 3. Power On:** Long-press the 'M' button for 3 seconds to turn on the adapter. The indicator light will blink red, indicating it's in pairing mode.
- 4. Pair with Bluetooth Headphones/Speakers:** Put your Bluetooth headphones or speakers into pairing mode. Place them close to the Ankilo adapter. The adapter will automatically search and connect.
- 5. Connection Successful:** Once connected, the red indicator light will blink slowly. Audio from your source device will now be transmitted to your Bluetooth headphones/speakers.

**Note:** For the first pairing, it may take 1-3 minutes. Subsequent pairings will be faster. Ensure other Bluetooth devices are turned off to avoid interference during pairing.



Image: A visual guide demonstrating the steps for connecting the Ankilo adapter in TX mode, showing the switch, plugging into a TV, and pairing with headphones.

# Transmitter Mode

Connect Bluetooth headphones on the plane



Image: An illustration of the Ankilo adapter being used in TX mode on an airplane, plugged into the seat-back entertainment system, transmitting audio to wireless earbuds.

## Receiver (RX) Mode

In RX mode, the device receives audio from a Bluetooth-enabled source (like your smartphone) and plays it through wired speakers or car stereos.

- 1. Switch to RX Mode:** Slide the TX/RX switch button to the 'RX' position.
- 2. Connect to Audio Output Device:** Plug the 3.5mm AUX connector of the adapter into the audio input port of your wired speaker, car stereo, or home sound system.
- 3. Power On:** Long-press the 'M' button for 3 seconds to turn on the adapter. The indicator light will blink blue, indicating it's in pairing mode.
- 4. Pair with Bluetooth Device:** On your smartphone or tablet, enable Bluetooth and search for "BT-13" (or similar device name). Select it to connect.
- 5. Connection Successful:** Once connected, the blue indicator light will blink slowly. Audio from your Bluetooth

device will now play through your wired speakers.



Image: A visual guide demonstrating the steps for connecting the Ankilo adapter in RX mode, showing the switch, plugging into speakers, and pairing with a smartphone.

# Receiving Mode

Connect and play music on your car stereo



Image: An illustration of the Ankilo adapter being used in RX mode in a car, plugged into the car's AUX input, receiving audio from a smartphone.

## MAINTENANCE

To ensure the longevity and optimal performance of your Ankilo Bluetooth Transmitter Receiver, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid Physical Damage:** Do not drop, bend, or expose the device to strong impacts.
- Charging:** Use only the provided USB-C cable or a certified equivalent for charging.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully using the USB-C cable.
Cannot pair with Bluetooth headphones/speakers (TX mode).	Headphones/speakers not in pairing mode; adapter not in TX mode; interference from other Bluetooth devices.	Ensure headphones/speakers are in pairing mode. Verify the adapter is switched to TX. Turn off other nearby Bluetooth devices. Try restarting both devices.
Cannot connect to smartphone/tablet (RX mode).	Adapter not in RX mode; Bluetooth not enabled on phone; incorrect device selected.	Verify the adapter is switched to RX. Enable Bluetooth on your phone and search for "BT-13". Ensure no other device is connected to the adapter.
No audio or low audio.	Volume too low on source/receiving device or adapter; incorrect cable connection; device not fully paired.	Adjust volume on all connected devices. Ensure 3.5mm cable is fully inserted. Re-pair the devices.
Audio quality is poor or muffled.	Interference; distance from paired device; low battery.	Reduce distance between devices. Ensure no strong interference sources nearby. Charge the device.

## SPECIFICATIONS

Feature	Detail
Model Number	CP322
Bluetooth Version	5.3
Operating Modes	Transmitter (TX) and Receiver (RX)
Connectivity Technology	Bluetooth, 3.5mm AUX
Battery Life (TX Mode)	Up to 11 hours
Battery Life (RX Mode)	Up to 14 hours
Charging Port	USB-C
Charging Time	Approximately 2 hours
Operating Range	Up to 33ft (10 meters)
Special Features	Low Latency, Hands-Free Calling (RX mode with built-in mic)
Dimensions	4.33 x 2.01 x 0.75 inches (approx. 10.1 x 2.8 x 1.2 cm)
Weight	1.13 ounces

## WARRANTY AND SUPPORT

Ankilo products are designed for reliability and performance. For any questions or support needs, please contact our customer service.

- **Customer Service:** Refer to the contact information provided with your product packaging or visit the official Ankilo website for support.
- **Warranty:** This product typically comes with a 12-month quality protection warranty. Please retain your proof of purchase for warranty claims.
- **Returns/Replacements:** Refer to the retailer's return policy for details on returns or replacements.

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