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› Inateck BR1009 Bluetooth 5.0 Audio Adapter User Manual

Inateck BR1009-BK

Inateck BR1009 Bluetooth 5.0 Audio Adapter User Manual

Model: BR1009-BK

INTRODUCTION

The Inateck BR1009 is a versatile Bluetooth 5.0 audio adapter designed to function as both a transmitter (TX) and a receiver (RX). It supports aptX HD and aptX Low Latency codecs, ensuring high-fidelity audio and minimal delay. With its intuitive display panel and dual-link capability, the BR1009 provides a seamless audio experience for various devices, from TVs and car stereos to headphones and speakers.

KEY FEATURES

- **CD Sound Quality:** Both TX and RX modes support aptX HD, delivering authentic sound when used with Hi-Fi devices.
- **aptX Low Latency Support:** In TX mode, pair with aptX Low Latency Bluetooth headphones for virtually no noticeable delay when watching TV.
- **Dual Link:** Connect to two Bluetooth receivers simultaneously, such as two pairs of headphones or a headphone and a speaker, transmitting high-definition audio to both.
- **Display Panel:** Features a clear display panel and blue LED indicator to show Bluetooth transmission and reception status.
- **Constant Standby Mode:** The BR1009 remains in pairing mode even if a previously paired Bluetooth device is turned off, simplifying reconnection.
- **Long Battery Life:** Equipped with a 600mAh Lithium battery, offering up to 20 hours of standby time.

PACKAGE CONTENTS

Please check the package for the following items:

- Inateck BR1009 Bluetooth Adapter x1
- 3.5mm RCA Female to Female Cable x1
- USB Charging Cable x1
- 3.5mm Audio Cable x1
- Optical Fiber Cable x1
- User Manual x1



Image: Inateck BR1009 Bluetooth adapter and its accompanying cables.

This image displays the Inateck BR1009 unit along with all the cables provided in the package, including the USB charging cable, 3.5mm audio cable, RCA cable, and optical cable, illustrating the comprehensive connectivity options.

SETUP GUIDE

Follow these steps to set up your Inateck BR1009 audio adapter:

1. **Select TX/RX Mode:**

Determine whether you need to transmit audio (TX mode) or receive audio (RX mode). Use the TX/RX switch on the device to select the desired mode.

2. **Power On:**

Long press the power button for 2 seconds to turn on the device. The display panel will illuminate.

3. **Select Audio Input/Output Mode (SPDIF/AUX):**

Choose your preferred audio connection method. The BR1009 supports both optical (SPDIF) and 3.5mm AUX connections. Select the appropriate input/output mode using the dedicated switch.

4. **Pairing:**

Press the pairing button to enter pairing mode. The device will be discoverable by other Bluetooth devices. Refer to the operating section for specific pairing instructions for TX and RX modes.

Simple to Use



1 Select TX/RX mode



2 Long press the power button for 2 seconds to turn on



3 Select SPDIF/AUX mode



4 Press the pairing button

Image: Simple steps for initial setup and pairing of the Inateck BR1009.

This image visually guides the user through the initial setup process, showing the physical buttons for mode selection, power, and pairing.

Connecting to Power

The BR1009 has a built-in rechargeable battery. For extended use or when the battery is low, connect the device to a power source using the provided USB charging cable. The device is designed to remain in pairing mode even when disconnected from a paired device, simplifying future reconnections.

600mAh Lithium Battery

Standby time up to 20hrs

20 Standby Time
hrs 

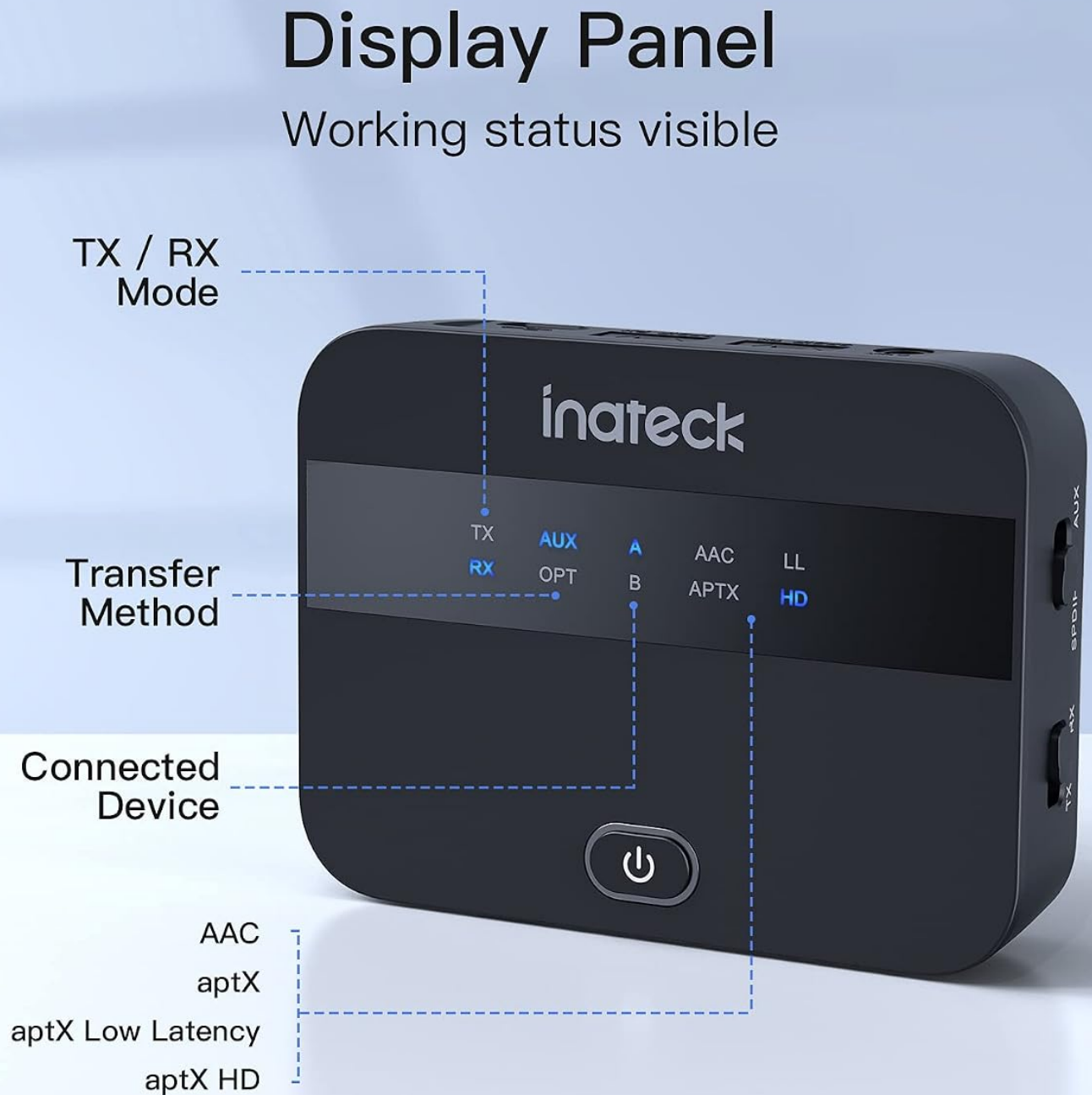


Image: Inateck BR1009 in constant standby mode, connected to a TV and streaming to a speaker.

This image demonstrates the BR1009's constant standby mode, showing it connected to a television and wirelessly transmitting audio to a speaker, highlighting its convenience for continuous use without frequent re-pairing.

Understanding the Display Panel

The BR1009 features an intuitive display panel that provides real-time information about its operating status. This includes the current mode (TX/RX), audio input/output method (AUX/OPT), and the active audio codec (AAC, aptX, aptX LL, aptX HD).



* aptX is a trademark of Qualcomm Technologies International, Ltd.

Image: Detailed view of the BR1009's display panel and its indicators.

This image provides a clear diagram of the BR1009's display panel, labeling indicators for TX/RX mode, transfer method (AUX/OPT),

connected devices (A/B), and the active audio codec (AAC, aptX, aptX Low Latency, aptX HD), making it easy to understand the device's status.

Transmitter Mode (TX)

In TX mode, the BR1009 transmits audio from a non-Bluetooth device (e.g., TV, PC, CD player) to Bluetooth-enabled headphones or speakers.

1. Set the BR1009 to TX mode using the switch.
2. Connect the BR1009 to your audio source (e.g., TV) using either the 3.5mm AUX cable or the optical cable. Ensure the correct input mode (AUX/OPT) is selected on the BR1009.
3. Put your Bluetooth headphones/speaker into pairing mode.
4. Press the pairing button on the BR1009. The device will search for and connect to your Bluetooth audio device.
5. Once connected, the display panel will show the active codec (e.g., aptX HD, aptX LL).

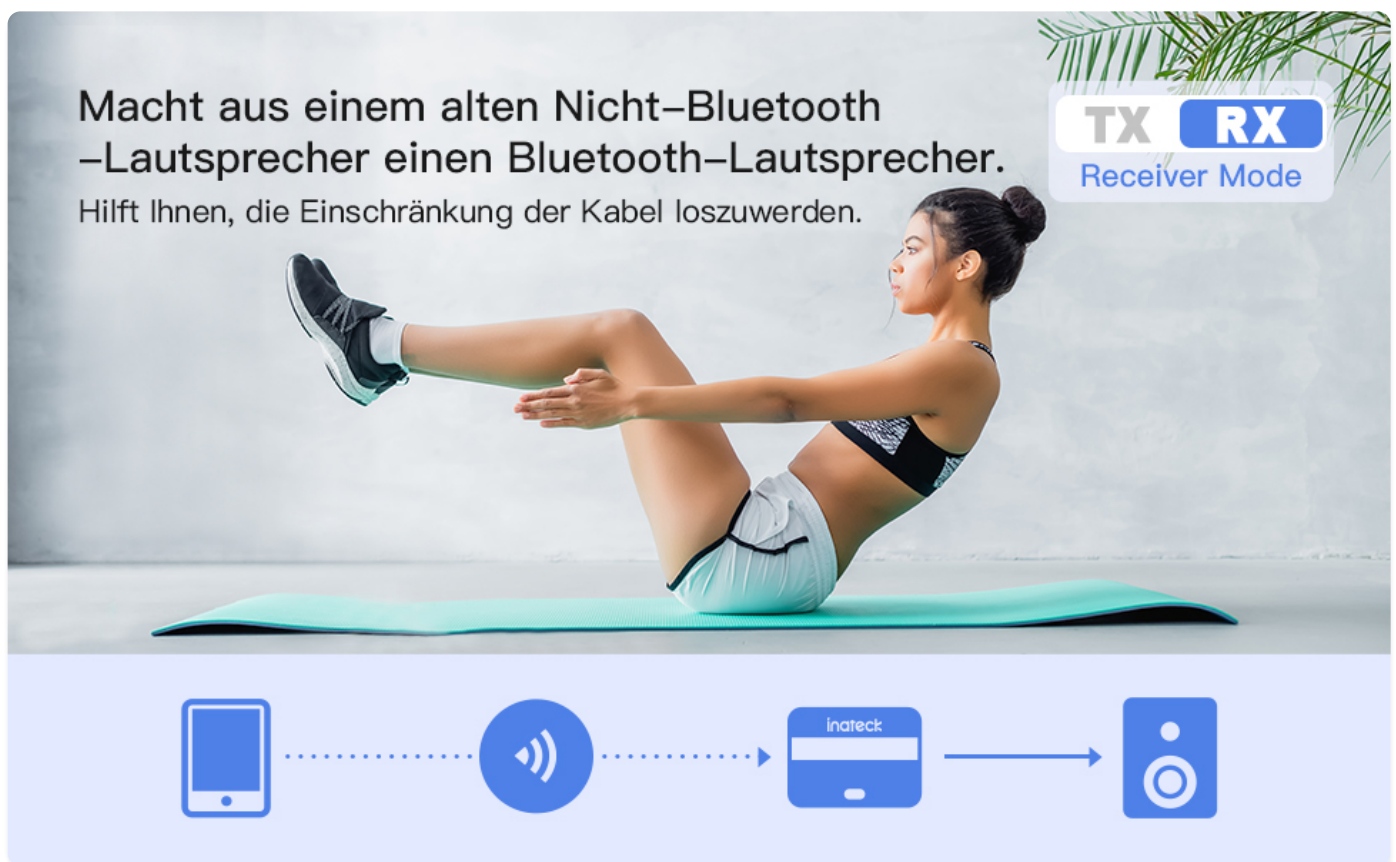


Image: BR1009 in Transmitter Mode (TX) connecting a TV to Bluetooth headphones.

This image illustrates the BR1009 operating in Transmitter (TX) mode, enabling an older non-Bluetooth television to transmit audio wirelessly to Bluetooth headphones, allowing for private listening without disturbing others.

Receiver Mode (RX)

In RX mode, the BR1009 receives audio from a Bluetooth-enabled device (e.g., smartphone, tablet) and outputs it to a non-Bluetooth audio system (e.g., wired speakers, car stereo, home theater system).

1. Set the BR1009 to RX mode using the switch.
2. Connect the BR1009 to your audio output device (e.g., wired speaker) using either the 3.5mm AUX cable or the optical cable. Ensure the correct output mode (AUX/OPT) is selected on the BR1009.
3. Enable Bluetooth on your smartphone or tablet and search for "Inateck BR1009" in the list of available devices.
4. Select "Inateck BR1009" to pair.

5. Once connected, the display panel will show the active codec.



Image: BR1009 in Receiver Mode (RX) connecting a smartphone to a wired speaker.

This image illustrates the BR1009 operating in Receiver (RX) mode, allowing a Bluetooth-enabled device like a smartphone to stream audio wirelessly to a traditional wired speaker, effectively making the speaker Bluetooth-compatible.

Dual Link Functionality

The BR1009 supports connecting to two Bluetooth receiving devices simultaneously in TX mode. This allows two pairs of headphones to listen to the same audio source, or one headphone and one speaker.

1. Connect the first Bluetooth device as described in the TX mode instructions. The display will show 'A' illuminated.
2. Once the first device is connected, put the second Bluetooth device into pairing mode.
3. Press the pairing button on the BR1009 again. The device will search for and connect to the second Bluetooth audio device.
4. When both devices are connected, the display will show both 'A' and 'B' illuminated.

MAINTENANCE

To ensure the longevity and optimal performance of your Inateck BR1009, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using abrasive cleaners, solvents, or strong chemicals, as they may damage the surface or internal components.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which can damage

internal circuitry.

- **Battery Care:** If the device will not be used for an extended period, charge it periodically (e.g., every 3 months) to maintain battery health.

TROUBLESHOOTING

If you encounter issues with your Inateck BR1009, refer to the following common troubleshooting steps:

- **No Power:** Ensure the device is charged or connected to a power source. Check the USB charging cable and adapter.
- **Cannot Pair:**
 - Ensure the BR1009 is in the correct TX/RX mode.
 - Make sure the other Bluetooth device is in pairing mode and within range (up to 10 meters).
 - Clear previous pairing records on both devices and try pairing again.
 - Restart both the BR1009 and the target Bluetooth device.
- **No Sound/Poor Sound Quality:**
 - Check all cable connections (AUX, Optical) are secure and correctly inserted.
 - Ensure the correct input/output mode (AUX/OPT) is selected on the BR1009.
 - Verify that the volume on both the BR1009 and the connected audio device is turned up.
 - Confirm that the correct audio codec is active (indicated on the display panel). If aptX HD/LL is desired, ensure both devices support it.
 - Reduce interference by moving the device away from other wireless devices (Wi-Fi routers, microwaves).
- **Dual Link Issues:** If only one device connects in dual link mode, ensure both target devices are in pairing mode when attempting to connect the second.

SPECIFICATIONS

Feature	Detail
Brand	Inateck
Model Number	BR1009-BK
Color	Black
Connectivity Technology	Bluetooth
Wireless Communication Standard	Bluetooth

Feature	Detail
Bluetooth Chip	CSR8675
Transmission Distance	10 meters
Special Features	Dual Link and LED Display
Compatible Devices	Car stereo system, Television, Speaker
Rechargeable Battery	Yes (1 Lithium-polymer - included)
Battery Capacity	600mAh
Battery Life (Standby)	Approx. 20 hours
Charging Time	Approx. 2 hours
Dimensions	69.6 mm x 51.9 mm x 19.5 mm
Weight	47 g
Supported Media Types	MP3, WAV, WMA, AAC, FLAC

WARRANTY AND SUPPORT

Inateck products come with a standard warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Inateck website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may refer to the contact information provided in the product packaging or on the official Inateck support page.

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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

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