




TUNAI TF002C-SC-1A Bluetooth Receiver User Manual

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TUNAI TF002C-SC-1A Bluetooth Receiver



INTRODUCTION

Upgrade your home or vehicle audio system with the TUNAI TF002C-SC-1A Bluetooth Receiver for the best wireless high-fidelity music streaming. This little gadget ensures a reliable connection and provides high-resolution audio through LDAC for Android and AAC for iOS, thanks to the newest Bluetooth 5.0 technology. You can listen to music in all its glory thanks to the built-in Cirrus Logic DAC, which guarantees crystal-clear audio. At \$31.99, you can get this stylish receiver with cutting-edge features like a ground loop isolator to block out ambient noise and a special “Party Mode” to connect two devices at once. The TUNAI TF002C-SC-1A, which will be available in 2023, is an excellent example of how technology and design can coexist to create a harmonious whole. Its small, USB-powered form factor eliminates the need to worry about charging; simply put it in and start having fun right away. The Firefly LDAC guarantees an outstanding listening experience wherever you are.

SPECIFICATIONS

Product Name	TUNAI TF002C-SC-1A Bluetooth Receiver
Price	\$31.99
Functionality	Wireless HiFi music streaming for home and car audio systems
Key Features	<ul style="list-style-type: none"> – LDAC and AAC codec support for high-resolution audio – Bluetooth 5.0 for stable connection
Audio Output	3.5mm AUX
Audio Codecs Supported	SBC, AAC, LDAC
Additional Hardware	Cirrus Logic DAC (127dB SNR) for superior sound quality
Built-in Feature	Ground loop isolator to eliminate hissing and humming noises
Bluetooth Range	10m / 33ft
Power Supply	5V USB input
Dimensions	0.51 x 6.3 x 0.2 inches
Weight	0.388 ounces
Model Number	TF002C-SC-1A
Device Pairing	Remembers up to 7 devices, auto-connects to the last used
Party Mode	Supports connection of 2 devices simultaneously
App Support	TUNAI Connect App (iOS and Android) for EQ settings, firmware updates, and more
Ground Loop Isolator	Built-in; eliminates 99% noise interference
Compatibility	Android (supports LDAC for 8.0 or higher), iOS (supports AAC codec)
Product Highlights	<ul style="list-style-type: none"> – Plug and play via USB – Compact design – No need for charging

WHAT'S IN THE BOX

- Bluetooth Receiver
- 2. 3.5mm AUX extension cord (60cm / 23.6")
- User manual

FEATURES

- **Superb Sound Quality:** Compatible with the LDAC codec, which allows for 990 kbps of high-resolution audio streaming—much higher than aptX and aptX HD.
- Featuring a Cirrus Logic 127dB SNR DAC, this audiophile-grade device reproduces music to the highest possible standard.
- With Bluetooth 5.0, you can enjoy a more reliable connection, longer range, and reduced latency.
- No need to manually turn it on; it will turn on in tandem with your vehicle's engine or audio system.

- Completely Runs on the Connected Power Source; No Charging Necessary.
- **Compatibility with Multiple Codecs:** Works with iOS's AAC codec and Android's LDAC.
- The ability to connect to two devices at once makes it easy to share music.
- Automatically reconnects to the last linked device upon powering on.
- Eliminating hissing and buzzing noises, the built-in isolator ensures clean audio with ground loop noise isolation.
- Its small size and light weight make it easy to conceal and carry anywhere.



- With the TUNAI Connect app, you can customize the equalizer, update the firmware, and make other modifications.
- **Works with a wide variety of devices:** powered speakers, automobile stereos, and home audio systems all have a 3.5mm AUX input.
- Premium sound quality, on par with that of wired connections, is what you can expect from high-fidelity audio streaming.
- **Built to Last:** Crafted to endure everyday usage in both home and car settings.
- With plug-and-play technology, there is no need for complex setup or other power sources, making installation a breeze.

SETUP GUIDE

- Before you unbox the receiver, double-check that it is complete with the AUX cable and other parts.

- Insert the 3.5 mm jack into the AUX input on your car audio or home speaker.
- **Put It Into Power:** Use a USB power adapter, vehicle charger, or power bank to plug it into electricity.
- **Activation of Pairing Mode:** Upon powering on, the device will immediately enter pairing mode.



- **Turn on Bluetooth:** Locate the Bluetooth icon on your mobile device.
- From the list of Bluetooth devices, choose “TUNAI Firefly LDAC” to proceed with choosing the receiver.
- To finish pairing, follow the on-screen instructions. When the matching is successful, a light will go off.
- **Automatically Reconnect:** When turned on, the gadget automatically reconnects to the previous phone it was paired with.
- Use the TUNAI Connect app, which you can get on the App Store or Google Play, to access more features.
- Personalize the sound by adjusting the equalization settings inside the app.
- If you feel the need to, you may turn on ground loop noise isolation using the app.
- Check for firmware updates and install them using the app.
- **Pairing Multiple Devices:** Repeat the pairing process with a second device.
- Make sure high-resolution streaming is on by playing music to test the audio quality.
- **Level Up:** Make sure the receiver and sound system are producing equal volumes.

CARE & MAINTENANCE

- **Prevent Dust Buildup:** Use a Dry Cloth to Routinely Wipe the Receiver and Connectors.

- **Keep Out Wet:** To keep the receiver in pristine condition, keep it away from any substances that might cause damage.
- For the device's longevity, handle it carefully and refrain from tugging or twisting the cords.
- When not in use for a long time, disconnect it and put it somewhere dry and safe.
- To Prevent Damage from Heat, Keep the Device Out of Direct Light and Extreme Heat.
- If you want to avoid random audio problems, check the connections and make sure all the cords are snug.
- Update the TUNAI Connect app often to get the newest features and bug fixes.
- Make sure the USB and AUX cables are in good working order; if they aren't, get new ones.
- If you must use a USB power source, be sure it has a steady voltage and is compatible with your device to prevent harm.
- To keep the wires in good condition, you should avoid kinks and severe bends.
- If the receiver stops working, disconnect it and plug it back in. Then restart the device.
- You get the most out of your device, be sure you check for firmware updates and apply them as necessary.
- Do Not Put Any Weight on the Receiver or Any Connected Cables.
- To keep it safe against static electricity, keep it away from anything that can produce a static discharge.
- **Maintain Consistent Testing:** Check the receiver's functionality regularly, particularly before trips.

TROUBLESHOOTING

Problem	Solution
The device not connecting to Bluetooth	Ensure Bluetooth is enabled on your device and the TF002C-SC-1A is in pairing mode.
Poor audio quality	Confirm the audio codec settings (e.g., LDAC/AAC) and avoid obstructions between devices.
No sound from the speakers	Check the AUX connection and ensure the device volume is not muted.
Ground loop noise (humming)	Enable the built-in ground loop isolator through the TUNAI Connect App.
Firmware update failure	Retry the update using with a stable internet connection and USB power supply.
The device not powering on	Ensure the USB power source is 5V and functioning properly.
Frequent disconnections	Minimize interference from other Bluetooth devices and stay within the 10m range.
LED not glowing	Check the USB connection; try another USB port or adapter.
Unable to pair multiple devices	Disconnect all devices and re-pair using the "Party Mode" instructions in the manual.
Static or noise during playback	Confirm AUX cable quality and ensure a secure connection.
Android device not supporting LDAC.	Check if your Android version is 8.0 or higher and LDAC is enabled in Bluetooth settings.
The TUNAI Connect App not working	Reinstall the app and ensure permissions are granted.
Auto-connect not functioning	Reset paired devices and reconfigure the auto-connect feature.
Playback delays	Check for other apps or processes on your device that may cause lag.
Audio output issues in-car systems	Verify your car audio system's compatibility with 3.5mm AUX input.

PROS & CONS

PROS

1. Supports high-resolution audio codecs like LDAC and AAC.
2. Compact, plug-and-play design with USB power supply.
3. Built-in ground loop isolator eliminates hissing and humming.
4. Remembers up to 7 paired devices for effortless reconnection.
5. Party Mode allows simultaneous pairing of two devices.

CONS

1. LDAC support requires Android 8.0 or higher.
2. No built-in battery for standalone operation.
3. Limited to a 10m Bluetooth range.
4. Requires a USB power source to operate.
5. May need app-based firmware updates for troubleshooting.

WARRANTY

TUNAI provides a **one-year limited warranty** for the TF002C-SC-1A Bluetooth Receiver. This warranty covers manufacturing defects and hardware malfunctions under normal usage conditions. To claim warranty service, customers must provide proof of purchase and contact TUNAI's customer support team. The warranty does not cover accidental damage, misuse, or modifications.

FREQUENTLY ASKED QUESTIONS

What is the purpose of the TUNAI TF002C-SC-1A Bluetooth Receiver?

The TUNAI TF002C-SC-1A Bluetooth Receiver transforms home and car audio systems into wireless setups, allowing HiFi music streaming from devices using LDAC or AAC codecs.

How does the TUNAI TF002C-SC-1A connect to an audio system?

The device connects to audio systems via a 3.5mm AUX output and is powered through a 5V USB input.

What makes the TUNAI TF002C-SC-1A different from other Bluetooth receivers?

It features LDAC support, a built-in Cirrus Logic audiophile-grade DAC (127dB SNR), and a ground loop isolator to eliminate hissing or humming noise.

What is the range of the TUNAI TF002C-SC-1A Bluetooth Receiver?

The device offers a Bluetooth connection range of up to 10 meters (33 feet).

What app can be used to customize the TUNAI TF002C-SC-1A settings?

The TUNAI Connect App, available for iOS and Android, allows EQ adjustments, firmware updates, and more.

How many devices can the TUNAI TF002C-SC-1A remember for pairing?

It can remember up to 7 paired devices and will automatically reconnect to the last used device.

What type of DAC does the TUNAI TF002C-SC-1A include?

It features a high-performance Cirrus Logic DAC for enhanced sound clarity and detailed audio reproduction.

What LED feature does the TUNAI TF002C-SC-1A offer?

The LED light glows like a firefly, indicating the Bluetooth connection status.

What are the dimensions and weight of the TUNAI TF002C-SC-1A Bluetooth Receiver?

The product dimensions are 0.51 x 6.3 x 0.2 inches, and it weighs 0.388 ounces.

Why is my TUNAI TF002C-SC-1A Bluetooth Receiver not turning on?

Ensure the device is fully charged. Connect it to a power source using the provided USB cable and check the LED indicator. If it doesn't light up, try a different cable or adapter.

How can I fix connection issues with the TUNAI TF002C-SC-1A Bluetooth Receiver?

Ensure the device is in pairing mode (LED blinking). Delete the receiver from your device's Bluetooth list and pair again. Keep the receiver and the Bluetooth device within 10 meters.

What should I do if the audio from the TUNAI TF002C-SC-1A Bluetooth Receiver is distorted?

Check for interference from other devices or reduce the distance between the receiver and your audio device. Ensure the AUX connection is secure and free from debris.

Why isn't my TUNAI TF002C-SC-1A Bluetooth Receiver pairing with my phone?

Confirm the receiver is not connected to another device. Reset the receiver by holding the power button for 10 seconds and retry the pairing process.

What does it mean if the TUNAI TF002C-SC-1A Bluetooth Receiver's LED indicator is solid red?

A solid red light indicates low battery. Charge the device immediately to prevent it from shutting down.

Why does my TUNAI TF002C-SC-1A Bluetooth Receiver keep disconnecting?

Check for obstacles or excessive distance between the receiver and your device. Ensure both devices have sufficient battery. Update your device's Bluetooth drivers if possible.

VIDEO – PRODUCT OVERVIEW



<https://manuals.plus/wp-content/uploads/2024/11/TUNAI-TF002C-SC-1A-Bluetooth-Receiver-User-Manual.mp4>

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