YMOO SafeFly Min+

YMOO SafeFly Min+ Bluetooth 5.4 Transmitter Receiver

INSTRUCTION MANUAL

Introduction

The YMOO SafeFly Min+ is a versatile 2-in-1 Bluetooth 5.4 audio adapter designed to enhance your audio experience across various devices and environments. It functions as both a transmitter (TX mode) and a receiver (RX mode), allowing you to wirelessly connect your audio sources to Bluetooth headphones or speakers, or to enable Bluetooth functionality for wired audio systems. Featuring an intuitive OLED screen and a long-lasting battery, this device is ideal for travel, home entertainment, and fitness activities.

What's in the Box

- YMOO SafeFly Min+ Bluetooth Adapter
- USB-C Charging Cable
- Key Chain Attachment
- 3.5mm to 3.5mm Audio Adapter
- Airplane Audio Adapter (dual-prong)
- User Manual

Image: All items included in the YMOO SafeFly Min+ package, featuring the main adapter, various cables, and adapters.

Product Overview

The SafeFly Min+ is a compact and feature-rich device designed for seamless audio connectivity.

- **OLED Screen:** The device features an OLED screen that clearly displays pairing status, volume level, current mode (TX or RX), battery capacity, and supported audio codecs (aptX-HD/LL/AD/SBC). This allows for easy monitoring and control.
- **2-in-1 Functionality:** Operates as both a Bluetooth transmitter (TX Mode) and a Bluetooth receiver (RX Mode).
- **Bluetooth 5.4:** Equipped with the latest Bluetooth 5.4 technology for quick pairing, stable connection, and a wireless range of up to 70 feet (line-of-sight).
- **Dual Device Support:** Supports simultaneous connection to two Bluetooth devices (e.g., two headphones or two speakers) in TX mode.
- **Long Battery Life:** Provides up to 25 hours of playtime on a single charge, making it suitable for extended use during travel. Charges via a USB-C port.
- **aptX Low Latency:** Supports aptX Low Latency mode for audio synchronization with minimal delay (less than 40ms), ideal for video and gaming. Note: Both the adapter and your headphones must support aptX-LL for this feature to work. It cannot be used when pairing two Bluetooth headsets simultaneously.

Image: The YMOO SafeFly Min+ Bluetooth adapter, showcasing its compact design and integrated 3.5mm audio jack, along with the included airplane adapter.

Image: A detailed view of the OLED screen on the YMOO SafeFly Min+, showing pairing status, volume, and mode information.

Setup

1. **Charging the Device:**

   Before first use, fully charge the SafeFly Min+ using the provided USB-C cable. Connect the USB-C end to the device and the USB-A end to a compatible power source (e.g., computer USB port, wall adapter). The OLED screen will indicate charging status.

Image: The YMOO SafeFly Min+ device connected to a USB-C charging cable, illustrating its charging capability.

2. **Selecting Operating Mode (TX/RX):**

   Locate the TX/RX switch on the side of the device. Slide the switch to the desired mode:

   - **TX (Transmitter) Mode:** For sending audio from a non-Bluetooth device (e.g., TV, airplane entertainment) to Bluetooth headphones/speakers.
   - **RX (Receiver) Mode:** For receiving audio from a Bluetooth device (e.g., smartphone) to wired headphones/speakers or a car stereo.

Image: A close-up view of the physical TX/RX switch on the side of the YMOO SafeFly Min+ for mode selection.

3. **Initial Pairing (TX Mode Example):**

   Follow these steps for quick pairing:

a. Slide the TX/RX button to TX mode to turn on the adapter. The screen will display "Searching...".

b. Ensure your Bluetooth headphones/earbuds are in pairing mode.

c. The SafeFly Min+ will automatically search for and display available Bluetooth devices on its OLED screen.

d. Use the left/right arrow buttons to navigate and the "OK" button to select your desired device. Connection should occur within 2 seconds.

e. Once connected, the screen will display the connected device's name.

Quick Pairing for Easy Use

Step 1
Slide the "TX" button to turn on the transmission mode of the SafeFly Min+ adapter.

Step 2
Connect quickly via Bluetooth within 2 seconds.

Step 3
Connection successful; the screen will display the connected device.

Image: A visual guide demonstrating the three steps for quick pairing the YMOO SafeFly Min+ adapter with Bluetooth headphones, including turning on, connecting, and successful pairing display.

Operating Instructions

TX (Transmitter) Mode

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

1. **Connect to Audio Source:** Plug the integrated 3.5mm audio jack of the SafeFly Min+ into the audio output port of your device (e.g., TV, PC, airplane entertainment system, gym equipment). Use the provided airplane adapter if necessary for dual-prong jacks.

2. **Pair Bluetooth Headphones/Speakers:** Ensure the SafeFly Min+ is in TX mode and your Bluetooth headphones/speakers are in pairing mode. Select your device on the SafeFly Min+ screen to connect.

3. **Enjoy Wireless Audio:** Once connected, audio from your source device will be streamed wirelessly to your paired Bluetooth headphones or speakers.

Image: A woman on an airplane using the YMOO SafeFly Min+ to connect her wireless headphones to the in-flight entertainment system.

Image: A comprehensive diagram illustrating how to connect the YMOO SafeFly Min+ in both TX (transmitter) mode for devices like TVs and airplanes, and RX (receiver) mode for car stereos and home audio systems.

RX (Receiver) Mode

In RX mode, the SafeFly Min+ receives audio from a Bluetooth source (e.g., smartphone) and outputs it to a wired audio system.

1. **Connect to Wired Audio System:** Plug the integrated 3.5mm audio jack of the SafeFly Min+ into the audio input port of your wired headphones, car stereo, home stereo, or AV receiver.

2. **Pair Bluetooth Device:** Ensure the SafeFly Min+ is in RX mode. On your smartphone or other Bluetooth audio source, search for "SafeFly Min+" in the Bluetooth settings and connect.

3. **Stream Audio:** Once connected, audio from your Bluetooth device will play through your wired audio system.

Image: A woman streaming music from her smartphone to a home stereo system using the YMOO SafeFly Min+ in RX mode.

Dual Headphone Connection (TX Mode)

The SafeFly Min+ can transmit audio to two Bluetooth headphones simultaneously.

1. Connect the first pair of Bluetooth headphones as described in the TX Mode instructions.

2. Once the first pair is connected, put the second pair of Bluetooth headphones into pairing mode.

3. On the SafeFly Min+ screen, select the second device to connect. The screen will show both connected devices (A and B).

Image: A couple enjoying a movie on TV, each wearing Bluetooth headphones connected simultaneously to the YMOO SafeFly Min+ adapter, highlighting the aptX Low Latency feature.

Volume Control

Use the left (<) and right (>) arrow buttons on the device to adjust the volume level. The current volume will be displayed on the OLED screen.

Audio Codec Information

The OLED screen will display the active audio codec (e.g., aptX, SBC, AAC). For aptX Low Latency (aptX-LL) to function, both the SafeFly Min+ and your connected headphones must support aptX-LL. This mode is not available when two Bluetooth headsets are paired simultaneously.

Connection and Low Latency instruction

Bluetooth Headphone Type	Single Connection	Single Low Latency	Dual Connection	Dual low latency
For airpods	yes	no	yes	no
For airpods pro/max	no	no	no	no
For airpods gen 2/gen 3	no	no	no	no
Aptx bluetooth headphone	yes	yes	yes	no
Generic bluetooth headphone	yes	no	yes	no
Sony bluetooth headphone	most ,1000mx4 will not work	no	most ,1000mx4 will not work	no
Bluetooth **Hearing Aids** without Aptx	yes	no	yes	no
Bluetooth **Hearing Aids** Aptx	yes	yes	yes	no

Image: A table providing detailed information on headphone compatibility with the YMOO SafeFly Min+, including support for single, dual, and low latency connections across various headphone types like AirPods, aptX Bluetooth headphones, generic Bluetooth headphones, and Sony Bluetooth headphones.

Video: An official product video from YMOO-US demonstrating the YMOO Bluetooth Transmitter Receiver for Airplane, showcasing its features and ease of use.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place when not in use. Use the provided key chain attachment to protect the 3.5mm jack.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Recharge it regularly, especially if stored for long periods.

Troubleshooting

- **Device not turning on:** Ensure the device is charged. Connect it to a power source using the USB-C cable.
- **Unable to pair:**
  - Check that the SafeFly Min+ is in the correct TX or RX mode.
  - Ensure your target Bluetooth device (headphones/speaker/phone) is in pairing mode.
  - Move the devices closer to each other to ensure they are within range.
  - Restart both the SafeFly Min+ and the target Bluetooth device.
- **No audio or poor audio quality:**
  - Verify that the 3.5mm audio jack is fully inserted into the source/destination device.
  - Check the volume levels on both the SafeFly Min+ and the connected audio device.

- Ensure there are no obstructions or strong interference sources between the SafeFly Min+ and the paired Bluetooth device.
- If using aptX-LL, confirm both devices support it and only one headset is connected.

- **OLED screen not displaying correctly:** If the screen is unresponsive or shows garbled text, try restarting the device.
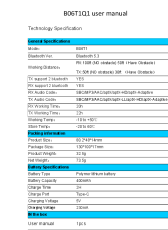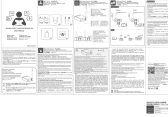
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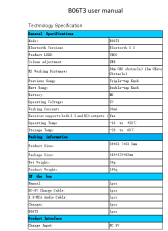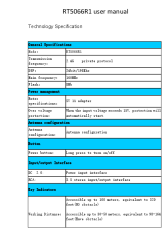
Feature	Specification
Brand	YMOO
Model	SafeFly Min+
Bluetooth Version	5.4
Connectivity Technology	AUX
Power Source	Battery Powered (USB-C rechargeable)
Special Features	AptX LL/HD/Adaptive, Built-in Battery, High fidelity sound quality, Low latency transmission, OLED Screen
Battery Life	Up to 25 hours
Item Weight	2.39 ounces
Material	Plastic
Package Dimensions	4.53 x 3.58 x 0.75 inches

Safety Information

This product contains a lithium battery. Ensure proper handling and disposal. Avoid using near other wireless devices to minimize interference. Use with caution during travel, adhering to temperature and humidity limitations.

Warranty and Support

For warranty information and technical support, please refer to the official YMOO website or contact their customer service directly. Details can typically be found on the product packaging or the manufacturer's online resources.

Related Documents - SafeFly Min+

[YMOO B06T1Q1 Bluetooth 5.3 Transmitter Receiver User Manual](#)

Comprehensive user manual for the YMOO B06T1Q1 Bluetooth 5.3 audio transmitter and receiver. Details technical specifications, packing contents, battery information, and operating instructions for both transmitting (TX) and receiving (RX) modes, including compatibility and audio latency.

[YMOO RT5066 2.4GHz Wireless Audio Transmitter Receiver User Manual](#)

Comprehensive user guide for the YMOO RT5066 2.4GHz wireless audio transmitter and receiver set. Learn about setup, operation, troubleshooting, and specifications for HiFi audio transmission with ultra-low latency.

[YMOO E500 Headphones User Manual and Setup Guide](#)

This document provides instructions for setting up and using the YMOO E500 Bluetooth headphones, including pairing, active noise cancellation, and wired mode operation. It also includes warranty information and disposal guidelines.

[YMOO RT5014B1 Bluetooth 5.3 Receiver User Guide - HiFi Audio Adapter](#)

Comprehensive user guide for the YMOO RT5014B1 Bluetooth 5.3 receiver. Learn how to connect your home stereo system for high-fidelity wireless audio with extended range and dual device support.

[YMOO B06T3 Bluetooth 5.3 Audio Receiver User Manual](#)

Comprehensive user manual for the YMOO B06T3 Bluetooth 5.3 Audio Receiver, including specifications, setup instructions, pairing guides for single and multiple devices, and troubleshooting.

[RT5066R1 Wireless Audio Transmitter Receiver User Manual](#)

Detailed user manual and technical specifications for the RT5066R1 2.4Ghz wireless audio transmitter and receiver, covering setup, operation, and troubleshooting.