

WYYHAA Bluetooth FM Transmitter

WYYHAA Bluetooth FM Transmitter Car Adapter User Manual

Model: Bluetooth FM Transmitter

Brand: WYYHAA

INTRODUCTION

This manual provides detailed instructions for the WYYHAA Bluetooth FM Transmitter Car Adapter. This device allows you to stream audio wirelessly from your mobile devices to your car's FM radio, make hands-free calls, and charge your devices while driving. It features Bluetooth 5.0 for stable connections, multiple music playback options, and real-time voltage monitoring for enhanced safety.

SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in injury or damage to the device.

- **Voltage Monitoring:** The device features an LED dot matrix screen for real-time monitoring of your car battery voltage. If the voltage drops below 12.0V, the car battery may need replacement. Operating with a battery below this threshold can pose a risk of short circuit and fire.
- **Operating Temperature:** Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- **Cleaning:** Do not use harsh chemicals or abrasive cleaners on the device. Use a soft, dry cloth for cleaning.
- **Disassembly:** Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage or injury.

PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your WYYHAA Bluetooth FM Transmitter.



The WYYHAA Bluetooth FM Transmitter, shown with its included remote control. The transmitter features a large display, control buttons, and dual USB charging ports, designed to plug into a car's cigarette lighter socket.



Detailed diagram of the WYYHAA Bluetooth FM Transmitter's controls and ports, including the microphone, USB1/U-disk port, USB2 (2.4A) charging port, LCD display, TF card slot, audio input/output, power contact, CH activation, previous/private talking shift button, next/private talking shift button, mode shift (hands-free/USB/TF card), and the answer/play/volume adjustment/confirm button/Siri.

Key Components:

- **LCD Display:** Shows FM frequency, track information, and car voltage.
- **Multi-function Knob:** For volume adjustment, answering/ending calls, and menu navigation.
- **FM Button:** To adjust FM frequency.
- **Mode Button:** To switch between playback sources (Bluetooth, USB, TF Card).
- **Previous/Next Track Buttons:** For music navigation.
- **USB1 Port (U-Disk):** For music playback from a USB flash drive.
- **USB2 Port (2.4A):** For charging devices.
- **TF Card Slot:** For music playback from a Micro SD card.
- **Microphone:** For hands-free calling.
- **Remote Control:** Provides convenient access to functions.

SETUP INSTRUCTIONS

1. **Plug In:** Insert the WYYHAA Bluetooth FM Transmitter into your car's 12V/24V cigarette lighter socket. The device will power on automatically, and the LED display will light up, showing the car battery voltage for a few seconds, then the FM frequency.
2. **Tune FM Frequency:**
 - Find an unused FM frequency on your car radio. This should be a frequency with no strong broadcast signal, typically producing a slight static sound.
 - Press the 'FM' button on the transmitter. The frequency display will flash.
 - Rotate the multi-function knob to adjust the transmitter's frequency to match the empty frequency on your car radio.
 - Once matched, the static sound should disappear, indicating a clear connection.
3. **Pair Bluetooth:**
 - On your mobile device, enable Bluetooth and search for available devices.
 - Select the device named "WYYHAA" (or similar, check device display if available) from the list.
 - Once paired, the transmitter's display will show a Bluetooth icon, and you will hear a confirmation tone.

OPERATING INSTRUCTIONS

Hands-Free Calling



An image highlighting the hands-free calling feature of the WYYHAA Bluetooth FM Transmitter, showing a phone call interface and indicating CVC noise reduction and a built-in high-sensitivity microphone for clear communication.

- **Answer Call:** Short press the multi-function knob.
- **End Call:** Short press the multi-function knob during a call.
- **Reject Call:** Long press the multi-function knob.
- **Redial Last Number:** Double press the multi-function knob.
- **Private Call:** During a call, long press the 'Next' button to switch the call between the transmitter and your phone.
- **Voice Assistant (Siri/Google Assistant):** Short press the multi-function knob to activate your phone's voice assistant.

Voice Control Technology

Compatible with Android and IOS systems



Illustration demonstrating the voice control capabilities of the WYYHAA Bluetooth FM Transmitter, compatible with Android and iOS systems for hands-free commands like calling and navigation.

Music Playback

Four Playing Modes for MUSIC



USB Disk



Bluetooth Connection



TF Card(≤32GB)



3.5mm Audio Cable

An illustration detailing the four music playback modes supported by the WYYHAA Bluetooth FM Transmitter: USB Disk, Bluetooth Connection, TF Card (up to 32GB), and 3.5mm Audio Cable input.

- **Bluetooth Streaming:** After successful Bluetooth pairing, open your music player on your mobile device and start playback. Audio will be transmitted to your car radio.
- **USB Disk Playback:** Insert a USB flash drive (U-Disk) containing MP3/WMA audio files into the USB1 port. The device will automatically detect and play the music.
- **TF Card Playback:** Insert a TF (Micro SD) card (up to 32GB) containing MP3/WMA audio files into the TF card slot. The device will automatically detect and play the music.
- **AUX Input:** Connect an audio device via a 3.5mm audio cable to the AUX input port.
- **Switching Modes:** Press the 'MODE' button to cycle through Bluetooth, USB Disk, TF Card, and AUX input modes.
- **Play/Pause:** Short press the multi-function knob.
- **Next/Previous Track:** Use the 'Next' and 'Previous' track buttons.
- **Volume Adjustment:** Rotate the multi-function knob to adjust the volume.



Screenshots from the WYYHAA Bluetooth FM Transmitter's display showing options for 'Play mode' (Loop all, Single cycle, Directory loop) and 'Sound effect' (nature, Popularity, Rock), accessible by pressing the knob during playback.

Charging Devices

Dual USB Ports for Charging



Support charging 2 devices at the same time



One USB port supports reading USB to play music



The WYHAA Bluetooth FM Transmitter featuring dual USB ports, capable of charging two devices simultaneously. One port also supports USB disk music playback.

The device is equipped with two USB ports:

- **USB1:** Primarily for U-Disk music playback, but can also provide charging.
- **USB2 (2.4A):** Dedicated charging port for mobile phones, tablets, MP3/MP4 players, digital cameras, and other USB-powered devices.

You can charge two devices simultaneously using these ports.

Remote Control Operation



A user operating the remote control for the WYYHAA Bluetooth FM Transmitter while driving, emphasizing safe operation by keeping hands on the wheel. The remote allows control of music and calls.

The included remote control provides convenient access to various functions, allowing for safer operation while driving. Refer to the remote control's button layout for specific functions such as play/pause, track navigation, volume, and call management.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.
- **Battery:** The remote control uses a CR2 battery. Replace it when the remote's functionality diminishes.

TROUBLESHOOTING

If you encounter issues with your WYYHAA Bluetooth FM Transmitter, refer to the following common solutions:

Problem	Solution
Static noise or poor sound quality	◦ Ensure your car radio is tuned to an unused FM frequency (slight rustling noise). ◦ Adjust the transmitter to the exact same blank FM frequency. ◦ Try a different empty FM frequency if interference persists. ◦ Reduce the car speaker volume to 1/3 and prioritize increasing the FM transmitter or smart device volume.
Low volume output	◦ Adjust the volume on your mobile phone to maximum. ◦ Adjust the volume on the FM transmitter to maximum using the multi-function knob. ◦ Then, adjust the volume of your car's audio system.
Bluetooth pairing issues or unstable connection	◦ Ensure no other Bluetooth devices (e.g., headsets, speakers) are actively connected to your phone, as they can interfere with the signal. Temporarily disable other Bluetooth devices. ◦ Restart both the transmitter and your mobile device. ◦ Delete the transmitter from your phone's Bluetooth device list and attempt to re-pair.
Others cannot hear my voice during calls	◦ Ensure the microphone on the transmitter is not obstructed. ◦ Increase the call volume on your mobile phone. ◦ Ensure the transmitter is positioned optimally for voice pickup.
Device does not turn off with vehicle ignition	◦ Some car cigarette lighter sockets remain powered even when the ignition is off. Manually unplug the device or turn it off if it has a power button to conserve car battery.
Only plays MP3 files from USB/TF card	◦ The device supports MP3 and WMA formats for USB disk and TF card playback. Ensure your audio files are in one of these supported formats.

SPECIFICATIONS

Monitor battery voltage in real time

Digital display screen, battery safety status at a glance



A diagram illustrating the real-time battery voltage monitoring feature of the WYYHAA Bluetooth FM Transmitter, showing normal and unusual voltage ranges for both 12V and 24V car systems.

Feature	Detail
Brand	WYYHAA
Connectivity Technology	Bluetooth, USB
Bluetooth Version	5.0
Power Source	Battery Powered, Corded Electric (Car Cigarette Lighter)
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Features	Bluetooth FM Transmitter, Hands-Free Calls, Voltage Detection, Dual USB Ports, TF Card/U-Disk Support
USB Ports	2 (One for U-Disk/Charging, One 2.4A for Charging)
Supported Audio Formats	MP3, WMA (for USB/TF Card)
TF Card Support	Up to 32GB
Display	LED Dot Matrix Screen (1.8 inches)
Item Weight	4.6 ounces
Package Dimensions	4.96 x 3.46 x 2.24 inches

Feature	Detail
Batteries	1 CR2 battery required (included for remote)

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For warranty details, technical support, or further assistance, please contact the manufacturer, SHEN ZHEN LEADINWAY TECHNOLOGY CO., LTD, or the retailer from whom you purchased the product.