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› [Handsfree Call Car Charger,Wireless Bluetooth FM Transmitter Radio Receiver,Mp3 Audio Music Adapter,Dual USB Port Compatible for All Smartphones,Samsung Galaxy,LG,HTC,etc.](#)

LIHAN HY82

User Manual: LIHAN Handsfree Call Car Charger & Bluetooth FM Transmitter

Model: HY82 | Brand: LIHAN

INTRODUCTION

Thank you for purchasing the LIHAN HY82 Handsfree Call Car Charger and Wireless Bluetooth FM Transmitter. This device is designed to enhance your in-car audio experience by allowing you to stream music, make hands-free calls, and charge your mobile devices conveniently. Please read this manual carefully to ensure proper use and optimal performance.

SAFETY INFORMATION

For safe operation and to prevent damage, please observe the following:

- This device is designed for 12V / 24V car power outlets.
- A car battery voltage display under 11.5V / 23.1V or higher than 14.9V / 27.3V means a potential car battery issue. Consult a professional if this occurs.
- Do not expose the device to extreme temperatures, direct sunlight, or moisture.
- Do not disassemble or attempt to repair the device yourself.
- Ensure the device is securely plugged into the car's cigarette lighter socket.

PRODUCT OVERVIEW

The LIHAN HY82 features a compact design with multiple functionalities:



Front view of the LIHAN HY82 Bluetooth FM Transmitter, showing the LED display, control knob, and dual USB charging ports.



Detailed diagram illustrating the various components of the HY82 device, including the 3.1A USB port, 1A USB port, TF card slot, LED display, microphone, and multifunction key.

Key Features:

- **Music Streaming Adapter & Player:** Supports Bluetooth, USB disk (Max 32GB), TF card (Max 32GB), MP3/WMA/WAV formats. Features anti-interference performance and CVC technology for clear audio.
- **Hands-free Function:** Built-in microphone and call-handling features for answering, rejecting, hanging up, and recalling calls with one key.
- **Dual USB Car Charger:** Two USB charging ports (5V-3.1A and 5V-1A) for charging multiple devices simultaneously.
- **Car Battery Voltage Monitoring:** Displays car battery voltage for 3 seconds upon plugging in, helping to monitor battery health.
- **Broad Compatibility:** Compatible with various smartphones and Bluetooth devices.

SETUP

Follow these steps to set up your LIHAN HY82 FM Transmitter:

1. **Plug In:** Insert the FM transmitter into your car's cigarette lighter socket. The LED display will light up and show the car battery voltage for 3 seconds.
2. **Tune Car Radio:** Turn on your car radio and select a blank FM station (a frequency with no active broadcast).
3. **Set Transmitter Frequency:** Hold down the multifunction key (call button) on the transmitter until the LED display starts flashing.
4. **Match Frequencies:** Rotate the multifunction knob to adjust the transmitter's frequency to match the

blank FM station you selected on your car radio.

5. **Confirm Frequency:** Press the multifunction key once to confirm and fix the channel. You should hear a clear connection sound.



Visual guide for pairing the FM transmitter with your car's radio system.

Your browser does not support the video tag.

Official video demonstrating the setup and basic functions of the Bluetooth FM Transmitter.

OPERATING INSTRUCTIONS

Bluetooth Pairing

After setting the FM frequency, the device will automatically enter Bluetooth pairing mode. On your smartphone or Bluetooth-enabled device, search for "HY82" in the Bluetooth settings and connect. The device will automatically connect to the last paired device upon power-on.



The device utilizes Bluetooth 5.3 for faster, more stable connections and automatic pairing with previously connected devices.

Music Playback

The HY82 supports three modes for music playback:

- **Bluetooth Play:** Once paired, stream music directly from your smartphone or other Bluetooth device.
- **USB Play:** Insert a USB flash drive (up to 32GB) containing MP3/WMA/WAV audio files into the 3.1A USB port. The device will automatically detect and play music.
- **TF Card Play:** Insert a TF (microSD) card (up to 32GB) with MP3/WMA/WAV audio files into the TF card slot. The device will automatically detect and play music.

Use the "Previous Song" (◀◀) and "Next Song" (▶▶) buttons to navigate tracks. Rotate the multifunction knob

to adjust volume.



Illustration of the three available music playback modes: Bluetooth, USB flash drive, and TF card.

Hands-free Calling

When a call comes in, the device will automatically switch from music playback to call mode. Use the multifunction key for call management:

- **Answer Call:** Press the multifunction key once.
- **Reject Call:** Press and hold the multifunction key.
- **Hang Up:** Press the multifunction key once during a call.
- **Recall Last Number:** Double-press the multifunction key.

Driving Safely Just Got Easier

Hands Free Call



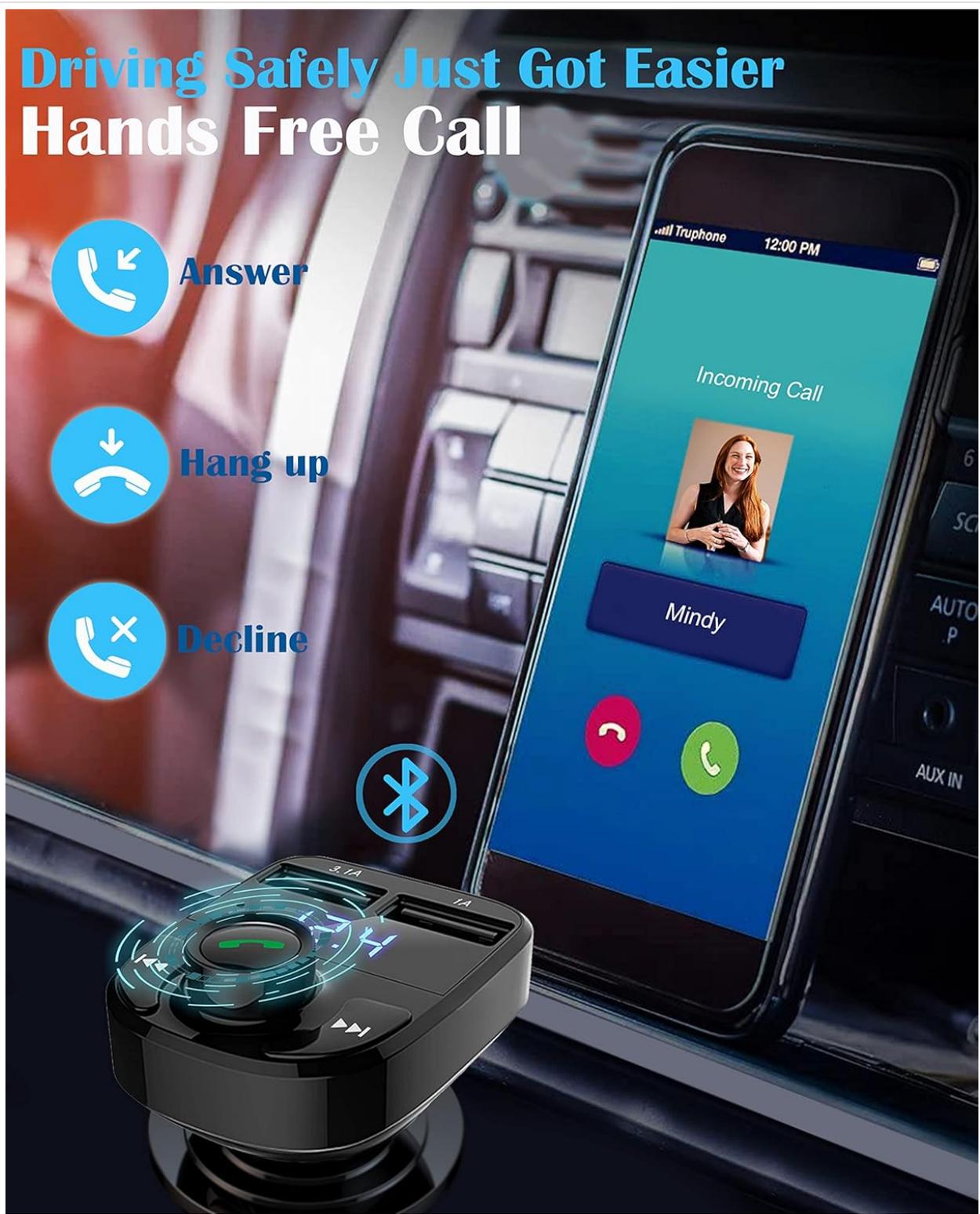
Answer



Hang up



Decline



Visual representation of the hands-free calling functions, including answering, hanging up, and declining calls.

Charging Devices

The HY82 is equipped with two USB charging ports:

- **3.1A USB Port:** For faster charging of compatible devices.
- **1A USB Port:** For standard charging.

Simply connect your device's USB charging cable to the appropriate port on the transmitter.

Dual USB Charger Ports

Can Charge 2 Devices At The Same Time



The device features two USB ports, allowing simultaneous charging of two mobile devices.

Battery Voltage Monitoring

Upon plugging in, the LED display will show your car's battery voltage for 3 seconds. This feature helps you monitor the health of your car battery. Refer to the Safety Information section for voltage ranges indicating potential issues.

Display Car Battery Voltage

Monitor Your car Voltage Anytime



The LED screen displays the car battery voltage, allowing users to monitor their car's electrical system.

MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents.
- Store the device in a cool, dry place when not in use for extended periods.
- Ensure the cigarette lighter socket is free of debris for optimal connection.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Static or poor audio quality	FM frequency interference; weak signal.	Change to a different blank FM station on both the car radio and the transmitter. Avoid frequencies near strong broadcast stations. Ensure the device is securely plugged in. Some users report that adjusting the device's angle or re-inserting it can improve signal.
Device not powering on	Loose connection; car cigarette lighter socket issue.	Ensure the device is firmly plugged into the car's cigarette lighter socket. Check if the car's cigarette lighter socket is working (e.g., by testing with another device).
Bluetooth not connecting	Device not in pairing mode; incorrect device selected; Bluetooth interference.	Ensure the transmitter's LED is flashing (pairing mode). Forget "HY82" from your phone's Bluetooth list and try pairing again. Restart both the phone and the transmitter.
USB/TF card not playing music	Unsupported file format; corrupted files; card/drive not inserted correctly.	Ensure audio files are in MP3, WMA, or WAV format. Check if the USB drive or TF card is inserted fully and correctly. Try a different USB drive or TF card.
Key fob interference	FM frequency too close to key fob operating frequency.	If your car's key fob experiences issues, try changing the FM frequency on the transmitter to a different, less crowded part of the spectrum (e.g., if using 107.7 MHz, try 91.3 MHz as suggested by a user review).

SPECIFICATIONS

Feature	Detail
Model Number	HY82
Product Dimensions	3.3 x 2.12 x 1.83 inches
Item Weight	0.2 ounces
Connectivity Technology	Wireless (Bluetooth)
Power Source	DC (12V/24V Car Outlet)
USB Output 1	5V-3.1A
USB Output 2	5V-1A
Supported Audio Formats	MP3, WMA, WAV
Max USB Disk/TF Card Capacity	32GB
Special Features	Microphone, Bluetooth FM Transmitter, Car Aux, Battery Voltage Display
Material	Plastic, Metal
Manufacturer	INTRO UNIOIN ELECTRONICS CO LIMITED

Feature	Detail
Country of Origin	China



Dimensional drawing of the LIHAN HY82, indicating its physical measurements.

WARRANTY AND SUPPORT

For warranty information and technical support, please contact LIHAN customer service through the retailer where you purchased the product or visit the official LIHAN brand store online. Please retain your proof of purchase for warranty claims.

Contact Information: Refer to your purchase receipt or the LIHAN brand store on Amazon for the most up-to-date support details.