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- › [ROAV](#) /
- › [ROAV SmartCharge F2 Bluetooth FM Transmitter: User Manual](#)

## ROAV R5111

# ROAV SmartCharge F2 Bluetooth FM Transmitter: User Manual

Model: R5111

[Instructions](#)   [Overview](#)   [Safety Information](#)   [What's in the Box](#)   [Setup](#)   [Operating](#)  
[Maintenance](#)   [Troubleshooting](#)   [Specifications](#)   [Warranty & Support](#)   [Compatibility](#)

## 1. OVERVIEW

The ROAV SmartCharge F2 is a versatile Bluetooth FM Transmitter designed to enhance your in-car audio experience. It allows you to stream music from your phone, make hands-free calls, and charge your devices simultaneously. With its stable Bluetooth 4.2 and FM connections, dual USB ports featuring PowerIQ technology, and a convenient car finder app feature, the SmartCharge F2 integrates modern connectivity into any vehicle.



Image: ROAV SmartCharge F2 Bluetooth FM Transmitter banner, highlighting its smart driving features.

## 2. SAFETY INFORMATION

**CAUTION:** This device may interfere with other wireless devices. Do not dispose of the battery in fire. Follow local regulations for battery disposal.

## 3. WHAT'S IN THE BOX

- ROAV SmartCharge F2

- User Manual
- Happy Card (Warranty Information)

## 4. SETUP GUIDE

### 4.1. Device Components

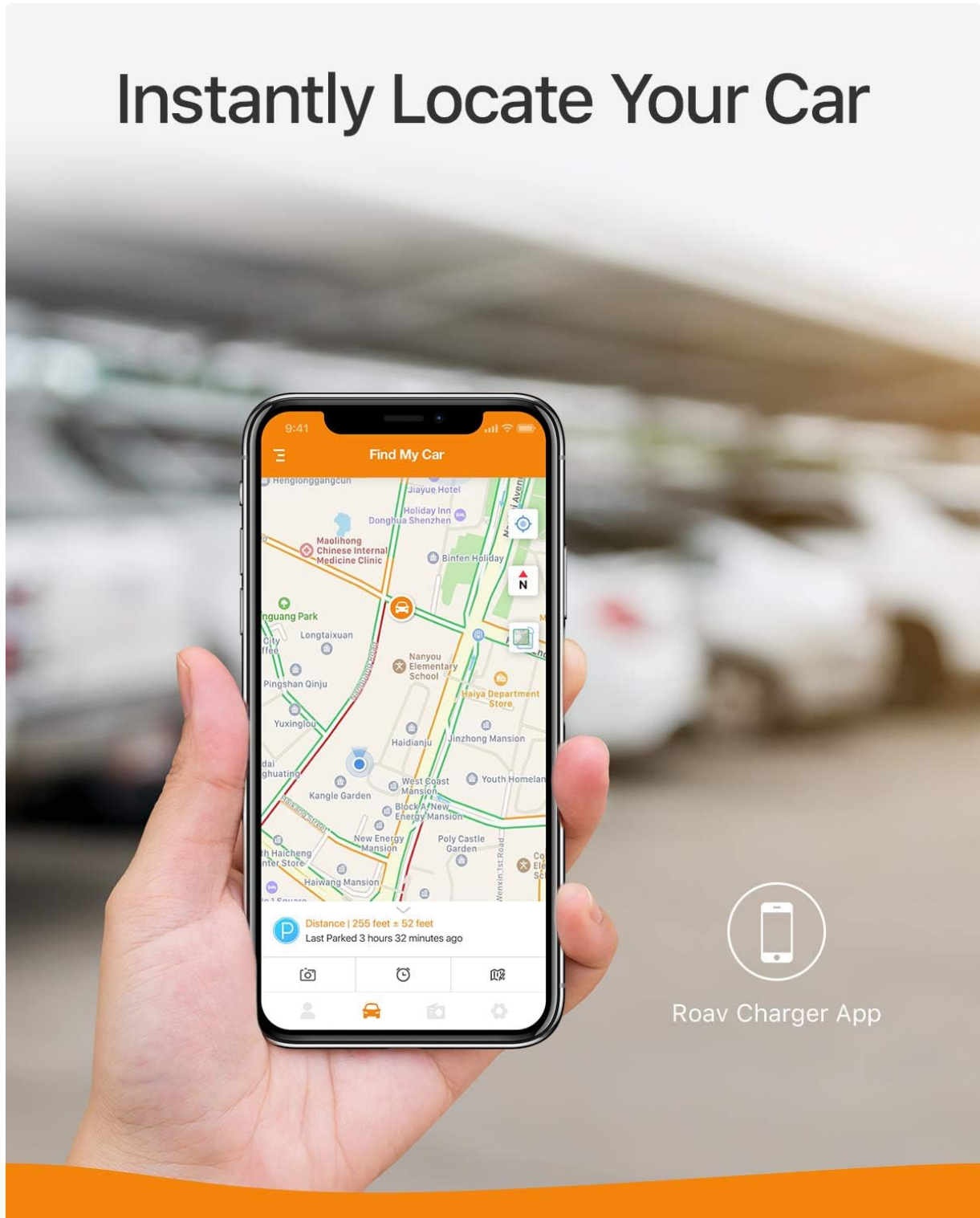


Image: The ROAV SmartCharge F2 device, showing its compact design, dual USB ports, and digital FM display. The SmartCharge F2 features a compact design with a digital display for FM frequency, control buttons for music and calls, and two USB charging ports.

### 4.2. Initial Connection

1. **Plug In:** Insert the SmartCharge F2 into your car's 12V cigarette lighter socket. The device will power

on and display the current FM frequency.

2. **Find an Empty FM Frequency:** Tune your car's FM radio to an empty station (one with no active broadcast, only static).
3. **Match Device Frequency:** On the SmartCharge F2, adjust the FM frequency to match the empty station you found on your car radio. Use the control knob or dedicated buttons on the device to change the frequency.
4. **Pair via Bluetooth:** On your smartphone, enable Bluetooth and search for "SmartCharge F2" in the list of available devices. Select it to pair. A voice prompt will confirm successful pairing.



Image: Diagram illustrating the enhanced FM transmission from the SmartCharge F2 to the car's radio antenna.

## 5. OPERATING INSTRUCTIONS

### 5.1. Music Playback

- **Bluetooth Streaming:** Once paired, music from your phone will automatically stream through your car's speakers via the selected FM frequency.
- **USB Drive Playback:** Plug a USB drive containing audio files (MP3, WMA, FLAC, WAV formats) into the top USB port (non-PowerIQ) to play saved music. Ensure the USB drive is formatted to FAT, FAT32, or exFAT and music files are in the root directory.



Image: The SmartCharge F2 connected via Bluetooth to a smartphone, indicating music streaming capability.

### 5.2. Hands-Free Calling

- **Answering/Ending Calls:** Press the phone button on the SmartCharge F2 to answer or end calls.
- **Rejecting Calls:** Press and hold the phone button to reject an incoming call.
- **Crystal Clear Audio:** Bluetooth 4.2 ensures a strong, stable connection for clear hands-free communication through your car's stereo.



Image: A hand interacting with the call button on the SmartCharge F2, demonstrating hands-free call functionality.

### 5.3. Device Charging

- **Dual USB Ports:** The SmartCharge F2 features two USB ports for simultaneous charging.
- **PowerIQ Technology:** One port is equipped with PowerIQ (5V/2.4A) for optimized high-speed charging, while the other provides 5V/1.5A.



Image: The SmartCharge F2 actively charging a smartphone, highlighting PowerIQ and VoltageBoost technologies for fast and efficient charging.

### 5.4. Car Locator & Battery Monitor

- **Car Finder:** The Roav Charger app automatically records your car's location by setting a pin on the map when the Bluetooth connection is lost. This helps you easily find your parked car.
- **Battery Monitor:** The app also allows you to instantly track your car's battery voltage, providing real-time information on its health.



Image: A smartphone displaying the Roav Charger app's "Find My Car" map feature, showing the car's last known location.

## 6. MAINTENANCE

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To ensure optimal performance and longevity of your ROAV SmartCharge F2, follow these simple maintenance guidelines:

- Keep the device clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble or repair the device yourself, as this will void the warranty.
- Ensure the cigarette lighter socket is clean and free of obstructions for a secure connection.

## 7. TROUBLESHOOTING

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If you encounter issues with your SmartCharge F2, refer to the following common problems and solutions:

- **Static or Poor Audio Quality:**
  - Ensure the selected FM frequency is completely clear of other radio stations. Try different frequencies.
  - Adjust the volume on both your phone and car stereo.
  - If using AUX out (if applicable to your model), consider a ground loop noise isolator to reduce static.
- **Bluetooth Connection Issues:**
  - Make sure Bluetooth is enabled on your phone and the device is powered on.
  - Forget "SmartCharge F2" from your phone's Bluetooth settings and re-pair.
  - Restart your phone and the car's ignition.
- **USB Music Playback Failure:**
  - Verify your USB drive is formatted to FAT, FAT32, or exFAT.
  - Ensure music files are in supported formats (MP3, WMA, FLAC, WAV) and located in the root

directory of the USB drive.

- **Charging Not Working:**

- Check if the device is securely plugged into the 12V socket.
- Ensure your charging cable is not damaged and is properly connected to the USB port.
- Confirm the car's ignition is on (if required for the 12V socket).

## 8. SPECIFICATIONS

<b>Brand</b>	ROAV
<b>Model Number</b>	R5111
<b>Item Weight</b>	1.44 ounces
<b>Product Dimensions</b>	1.89 x 1.5 x 2.66 inches
<b>Power Source Type</b>	Corded Electric
<b>Connectivity Technology</b>	Bluetooth, USB
<b>Wireless Communication Standard</b>	Bluetooth
<b>Special Feature</b>	Bluetooth FM Transmitter, Hands-Free Calls

## 9. WARRANTY AND SUPPORT

The ROAV SmartCharge F2 comes with a **12-month warranty**. For any product inquiries, technical support, or warranty claims, please refer to the "Happy Card" included in your package or contact ROAV customer service directly.

## 10. COMPATIBILITY NOTES

Please note that the ROAV SmartCharge F2 is **not compatible with** the following vehicle models:

- 2001 Audi A4
- 2004 Saturn Ion
- 2005 Honda Civic
- 2005 Toyota Highlander
- 2007 Dodge Grand Caravan
- 2007 VW Jetta
- 2008 Chrysler Town & Country
- 2009 Hyundai Sonata GLS
- 2011 Mazda Miata
- 2011 Nissan Rogue
- 2012 Nissan Sentra

