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## SOOMFON XF-BT027

# SOOMFON Bluetooth FM Transmitter Car User Manual

Comprehensive guide for your SOOMFON Bluetooth FM Transmitter Car Adapter Model XF-BT027, featuring Bluetooth 5.3, PD30W QC18W charging, and Hi-Fi sound.

## PRODUCT OVERVIEW

The SOOMFON Bluetooth FM Transmitter Car Adapter (Model XF-BT027) is designed to enhance your in-car audio experience and charging capabilities. It features advanced Bluetooth 5.3 technology for stable connections, a large microphone with CVC8.0 noise reduction for clear calls, and powerful PD30W & QC18W fast charging ports. Enjoy Hi-Fi stereo sound with a dedicated bass booster and versatile playback options including Bluetooth, AUX, and TF card.

## Key Features

- Bluetooth 5.3 & Oversized Mic:** Ensures faster, more stable connections and clearer calls with CVC8.0 noise reduction.
- Separate Design & Safer Driving:** Connects to the cigarette lighter socket, providing a closer operation distance for safe driving. Features LED lighting for night use.
- Bass Booster & Hi-Fi Stereo:** One-key bass boost for powerful music and a high-performance chip for crystal clear audio.
- PD 30W & QC 18W Fast Charging:** Equipped with PD3.0 (30W) and QC3.0 (18W) ports to charge two devices simultaneously with multiple protections.
- 3 Playback Modes:** Supports music streaming via Bluetooth 5.3, AUX cable, and TF card.
- Hands-free & Voice Assistant:** Conveniently answer, hang up, reject, or redial calls. Activate voice assistants like Siri or Google Maps with the "B" button.



Image: The SOOMFON Bluetooth FM Transmitter and car charger unit, showcasing its compact design and included AUX cable.

## SETUP GUIDE

Follow these steps to set up your SOOMFON Bluetooth FM Transmitter for optimal performance.

### Initial Installation

1. Attach the main transmitter unit to the car's air vent using the provided clip. Ensure it is securely fastened.
2. Plug the car charger unit into your vehicle's 12V cigarette lighter socket.
3. Connect the coiled cable from the main transmitter unit to the car charger unit. The LED display on the transmitter will light up, indicating it is powered on.



# Faster and More Stable

Adopted the latest Bluetooth 5.3 tech

Bluetooth® 5.3



Stadier  
Transmission



Faster Pairing



Automatic  
Repairing

Image: The SOOMFON FM Transmitter unit securely mounted on a car's air vent, showing its flexible connection to the charging base.

## FM Frequency Setup and Bluetooth Pairing

To establish an audio connection, you can use either FM transmission or a direct AUX cable connection. Bluetooth pairing is required for wireless audio streaming and hands-free calls.

- Tune Car Radio:** Select an unused FM frequency (blank channel) on your car's radio, typically between 87.5-108.0 MHz. Choose a frequency with no static or interference.
- Set Transmitter Frequency:** Long press the "MFB" button on the transmitter to enter FM mode. Rotate the knob to adjust the frequency to match the exact same frequency as your car radio.
- Pair Bluetooth:** On your mobile device, enable Bluetooth and search for available devices. Select "T86" from the list to pair. Once connected, the transmitter's display will indicate a successful Bluetooth connection.

Your browser does not support the video tag.

Video: A demonstration of how to install the SOOMFON FM Transmitter, tune the car radio, and pair a mobile device via Bluetooth for audio playback.

## Alternative Audio Connections

- AUX Output:** Connect the included 3.5mm AUX cable from the transmitter's AUX port to your car's AUX input for a direct wired audio connection.
- TF Card Playback:** Insert a TF (microSD) card (up to 32GB) loaded with MP3/WMA/WAV/FLAC audio files into the TF card slot on the transmitter. The device will automatically switch to TF card playback mode.

**Note:** To ensure a better experience, please select only one audio source at once.



Image: Visual representation of the three available playback modes: 3.5mm AUX Output, TF Card Playing, and Bluetooth Connection.

## OPERATING INSTRUCTIONS

Learn how to use the various functions of your SOOMFON FM Transmitter.

### Music Playback

- Play/Pause:** Press the "MFB" button once to play or pause music.
- Next/Previous Track:** Use the "Next Song" and "Previous Song" buttons (indicated by arrows) on the transmitter to skip tracks.
- Volume Control:** Rotate the "MFB" knob clockwise to increase volume and counter-clockwise to decrease volume.
- Bass Boost:** Press the "B" button (Bass Booster Button) once to activate or deactivate the deep bass mode for enhanced audio.

# TF Card Output Mode

- TF Card + Aux 3.5mm Output



- 1 Insert the TF card into the slot.



- 2 Press and hold the button to switch to TF card mode.



- 3 Connect the product to car stereo via the Aux 3.5mm cable.

- TF Card + FM Output



- 1 Insert the TF card into the slot.



- 2 Press and hold the button to switch to TF card mode.



- 3 Set the FM frequency of the product to the same as the car.

Image: The SOOMFON FM Transmitter highlighting its Bass Boost and Hi-Fi Stereo capabilities, promising an enhanced audio experience.

## Hands-Free Calling

- **Answer Call:** Press the "MFB" button once to answer an incoming call.
- **Hang Up Call:** Press the "MFB" button once during a call to hang up.
- **Reject Call:** Long press the "MFB" button to reject an incoming call.
- **Redial Last Number:** Double-press the "MFB" button to redial the last dialed number.
- **Activate Voice Assistant:** Long press the "B" button to activate your phone's voice assistant (e.g., Siri, Google Assistant).



# 48W Super Fast Charging

Charge up to 2 devices simultaneously



**18W**   **30W**  
QC 18W   PD 30W



5V/3A, 9V/3A, 12V/2.5A



5V/3A



5V/3A, 9V/2A, 12V/1.5A

Image: The SOOMFON FM Transmitter demonstrating its hands-free calling capabilities, including answering, hanging up, rejecting, and redialing calls, along with voice assistant activation.

## Charging Devices

The car charger unit provides fast charging for your mobile devices.

- **PD 30W Port:** Use the USB-C port (PD 30W) for rapid charging of compatible devices like smartphones and tablets.
- **QC 18W Port:** Use the USB-A port (QC 18W) for Quick Charge compatible devices.
- You can charge two devices simultaneously. The charger unit is equipped with multiple protection features including overcurrent, overload, overvoltage, interface, high temperature, and short circuit protection.



# 3 Playing Modes

3.5mm AUX Output



TF Card Playing  
(≤32GB)



Bluetooth Connection



**Note:** To ensure a better experience, please select only one audio source at once.

Image: The SOOMFON car charger unit with its PD 30W USB-C port and QC 18W USB-A port, shown charging two smartphones simultaneously in a car's center console.

## MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your SOOMFON FM Transmitter.

- Cleaning:** Use a soft, dry cloth to wipe the surface of the device. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid Moisture:** Keep the device away from water and other liquids. Moisture can cause damage to the electronic circuits.
- Handle with Care:** Avoid dropping the device or subjecting it to strong impacts, which can damage internal components or the external casing.

## TROUBLESHOOTING

If you encounter issues with your SOOMFON FM Transmitter, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power/display off	Loose connection; Car cigarette lighter faulty; Vehicle power off.	Ensure the charger is firmly plugged into the cigarette lighter. Check if the vehicle's 12V socket is receiving power. Try in another vehicle if possible.
Static or poor audio quality	FM frequency interference; Volume too low/high; Bluetooth not properly connected.	Change to a different, unused FM frequency on both the car radio and the transmitter. Adjust volume levels on both the transmitter and your car stereo. Re-pair Bluetooth. Ensure only one audio source is active.
Bluetooth connection issues	Device too far; Interference; Bluetooth not enabled on phone.	Ensure your phone's Bluetooth is on and within range. Forget "T86" on your phone's Bluetooth settings and re-pair. Restart both the transmitter and your phone.
Charging is slow or not working	Cable issue; Device not compatible with fast charging; Overload protection.	Use a high-quality charging cable. Verify your device supports PD or QC fast charging. Unplug and re-plug the charger. Try charging one device at a time.

If the problem persists after trying these solutions, please contact SOOMFON customer support for further assistance.

## SPECIFICATIONS

Detailed technical specifications for the SOOMFON Bluetooth FM Transmitter.

Feature	Detail
Brand	SOOMFON
Model Number	XF-BT027
Connectivity Technology	Bluetooth 5.3, USB, AUX
Power Source	DC Power Supply (Car Cigarette Lighter)

Feature	Detail
Charging Ports	PD 30W (USB-C), QC 18W (USB-A)
Material	ABS+PC
Item Weight	5 ounces
Package Dimensions	7.09 x 3.86 x 1.77 inches
Special Features	Bluetooth FM Transmitter, Hands-Free Calls, Bass Boost, CVC8.0 Noise Reduction

## WARRANTY AND SUPPORT

SOOMFON is committed to providing high-quality electronic products and excellent customer service.

- Product Guarantee:** This product comes with a 2-year product guarantee.
- Customer Support:** For any inquiries, technical assistance, or warranty claims, please contact SOOMFON customer support. We aim to provide a prompt response within 24 hours.
- Contact Information:** Please refer to the contact details provided on the product packaging or the official SOOMFON website for the most up-to-date support information.

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