SOOMFON XF-BT028

SOOMFON FM Bluetooth Transmitter Car User Manual

Model: XF-BT028

1. Introduction

Thank you for choosing the SOOMFON FM Bluetooth Transmitter. This device is designed to enhance your in-car audio experience by providing seamless Bluetooth connectivity, hands-free calling, multiple music playback options, and fast charging capabilities. Please read this manual carefully before use to ensure proper operation and to maximize the product's performance.



Image 1.1: The SOOMFON FM Bluetooth Transmitter, showcasing its display, USB ports, and control knob.

2. Safety Information

Please observe the following safety guidelines to prevent damage to the device or injury to yourself:

- Use only in vehicles equipped with a standard cigarette lighter socket (12V-24V).
- Do not expose the device to direct sunlight for extended periods, extreme temperatures, or high humidity.
- Avoid exposure to liquids. If the device comes into contact with liquid, disconnect it immediately.
- Do not attempt to disassemble, repair, or modify the device. This will void the warranty and may cause damage.
- For safe driving, designate a passenger to set up and manage the device while the vehicle is in motion.
- Keep out of reach of children.

3. Package Contents

The package should contain the following items:

- SOOMFON FM Bluetooth Transmitter (Model: XF-BT028)
- User Manual

4. Product Overview

Familiarize yourself with the components and controls of your SOOMFON FM Bluetooth Transmitter:



Image 4.1: Detailed diagram of the SOOMFON FM Bluetooth Transmitter with labeled components.

1. **Vehicle Voltage Display:** Shows the current car battery voltage.
2. **Bluetooth Status Indicator:** Shows Bluetooth connection status.
3. **Frequency Display:** Shows the current FM transmission frequency.
4. **USB A Port (QC3.0 18W):** Quick Charge 3.0 port for fast charging compatible devices.
5. **USB C Port (PD30W):** Power Delivery 30W port for ultra-fast charging compatible devices.
6. **U-Disk Port (5V/1A):** Standard USB port for charging and U-disk music playback.
7. **Ring Light:** Multi-color LED ambient light.
8. **Dual Mic:** Built-in microphones for clear call reception.
9. **Previous Button:** Press to go to the previous track.
10. **Next Button:** Press to go to the next track.
11. **Multi-Function Button (MFB):** Rotary knob for volume/frequency adjustment, press for play/pause/answer/end calls.
12. **TF Card Port:** Slot for Micro SD card music playback.
13. **Bass Boost Button ('b'):** Activates deep bass mode.
14. **Backlight Adjustment Button:** Controls the ambient ring light modes.

5. Setup Guide

Follow these steps to set up your SOOMFON FM Bluetooth Transmitter:

1. **Insert into Car Cigarette Lighter:** Plug the FM transmitter into your car's 12V/24V cigarette lighter socket. The LED display will light up, showing the car battery voltage and then the FM frequency.
2. **Find an Unused FM Frequency:** Tune your car's FM radio to an empty frequency (one with static or no broadcast). Avoid frequencies with strong radio signals to prevent interference.

3. **Tune the Transmitter to the Same Frequency:**
    - Press and hold the Multi-Function Button (MFB) until the FM frequency on the transmitter's display starts flashing.
    - Rotate the MFB knob left or right to adjust the frequency to match your car's FM radio.
    - Once matched, press the MFB again to confirm the frequency.
4. **Bluetooth Pairing:**
    - On your mobile device, enable Bluetooth and search for available devices.
    - Select "XF-BT028" from the list of devices.
    - Once paired, the Bluetooth icon on the transmitter's display will stop flashing and remain solid, indicating a successful connection.

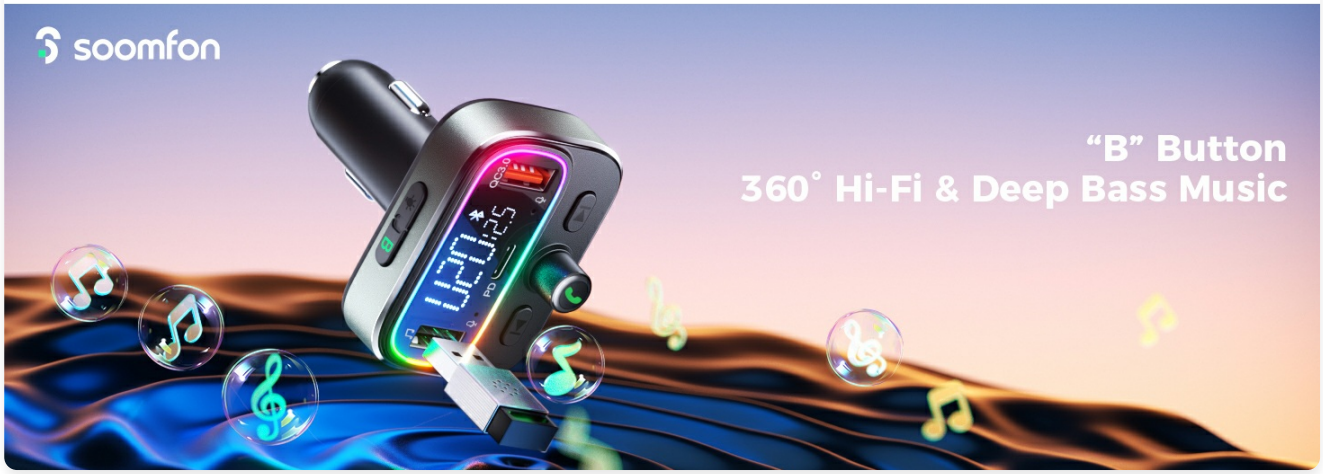


Image 5.1: Visual guide demonstrating the steps for connecting the transmitter to your car's FM radio and pairing via Bluetooth.

6. Operating Instructions

6.1 Music Playback

The SOOMFON transmitter supports three music playback modes:

- **Bluetooth Playback:** After successful Bluetooth pairing, music from your connected device will automatically stream through your car's speakers.
- **SD Card Playback:** Insert a Micro SD card (up to 32GB) containing MP3/WMA/FLAC/APE/WAV audio files into the TF Card Port. The device will automatically detect and play music from the card.
- **U Disk Playback:** Insert a USB flash drive (U disk, up to 32GB) containing MP3/WMA/FLAC/APE/WAV audio files into the U-Disk Port. The device will automatically detect and play music from the U disk.



Image 6.1: Illustration of the three music playback modes: U Disk, TF Card, and Bluetooth 5.3.

Music Controls:

- **Play/Pause:** Short press the Multi-Function Button (MFB).
- **Next Track:** Short press the 'Next' button.
- **Previous Track:** Short press the 'Previous' button.

- **Volume Up/Down:** Rotate the MFB knob clockwise to increase volume, counter-clockwise to decrease.
- **Bass Boost:** Press the 'b' button to activate or deactivate the deep bass mode for enhanced audio.



Image 6.2: The transmitter with musical notes, highlighting the bass boost feature for immersive sound.

6.2 Hands-Free Calling

The dual microphones and CVC 8.0 noise reduction technology ensure clear hands-free calls.



Image 6.3: The transmitter in a car interior, illustrating its use for clear hands-free calls with dual microphones and CVC 8.0 noise cancellation.

Call Controls:

- **Answer Call:** Short press the Multi-Function Button (MFB) when an incoming call rings.
- **End Call:** Short press the MFB during a call.

- **Reject Call:** Press and hold the MFB for 2 seconds when an incoming call rings.
- **Redial Last Number:** Double-press the MFB.
- **Activate Voice Assistant (Siri/Google Assistant):** Press and hold the MFB for 2 seconds when not on a call.

6.3 Charging Devices

The transmitter features three USB ports for charging your devices simultaneously:

- **USB A Port (QC3.0 18W):** Provides fast charging for Quick Charge compatible devices.
- **USB C Port (PD30W):** Provides ultra-fast charging for Power Delivery compatible devices.
- **U-Disk Port (5V/1A):** Standard charging port, also used for U-disk music playback.

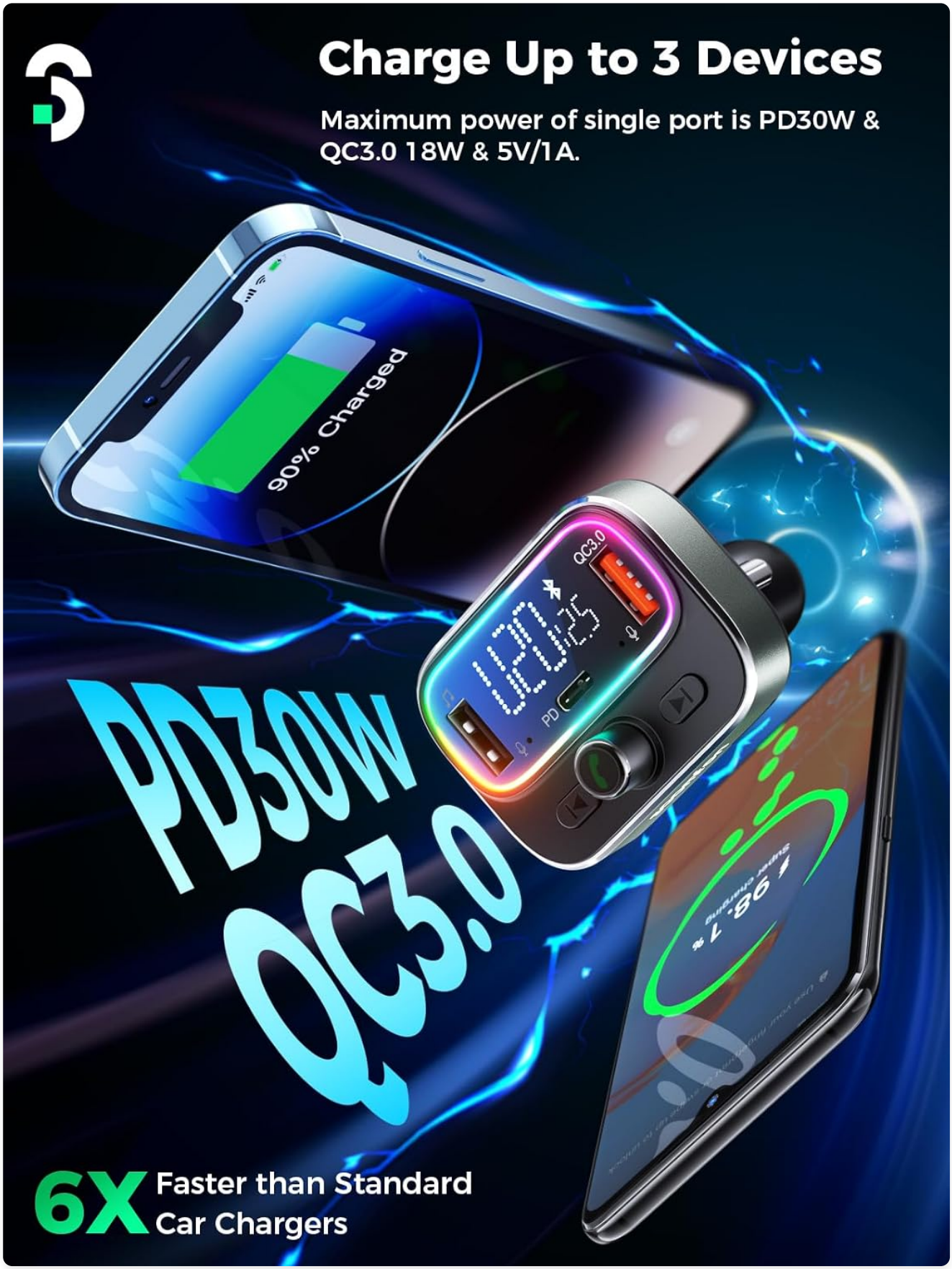


Image 6.4: The transmitter charging multiple devices simultaneously, demonstrating its PD30W and QC3.0 capabilities.

6.4 Ambient Ring Lights

The transmitter features a multi-color LED ring light with 9 different modes to enhance your car's interior ambiance.

- **Change Light Mode:** Short press the 'Backlight Adjustment' button to cycle through 7 static colors (red, green, blue, orange, purple, ice blue, white) and 2 dynamic RGB modes.

- **Turn Off Lights:** Press and hold the 'Backlight Adjustment' button for 2 seconds to turn off the ambient lights. Repeat to turn them back on.



Image 6.5: The transmitter displaying various ambient light colors, showcasing the 9 color LED backlit feature.

7. Maintenance

To ensure the longevity and optimal performance of your SOOMFON FM Bluetooth Transmitter, follow these maintenance tips:

- **Cleaning:** Use a soft, dry cloth to wipe the device. Do not use abrasive cleaners, solvents, or strong chemicals.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.

8. Troubleshooting

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

Problem	Possible Cause	Solution
No power/Display off	Cigarette lighter socket not working; Loose connection; Car battery low.	Check car's cigarette lighter fuse; Ensure device is firmly plugged in; Check car battery voltage.
Static or poor audio quality	FM frequency interference; Transmitter/car radio frequency mismatch; Volume too low.	Find a clearer, unused FM frequency; Re-match transmitter and car radio frequencies; Increase volume on both device and car radio.
Cannot pair via Bluetooth	Bluetooth not enabled on phone; Device not in pairing mode; Already connected to another device.	Ensure Bluetooth is on and visible on your phone; Restart the transmitter and phone; Disconnect from other Bluetooth devices.
Music not playing from SD card/U disk	Incorrect file format; Card/disk not inserted correctly; Card/disk corrupted or unsupported size.	Ensure music files are MP3/WMA/FLAC/APE/WAV; Reinsert card/disk; Try a different card/disk; Ensure size is ≤32GB.
Charging slow or not working	Cable issue; Device not compatible with fast charging; Port overloaded.	Try a different charging cable; Ensure your device supports QC3.0/PD30W for fast charging; Do not exceed maximum output for ports.

9. Specifications

Feature	Specification
Model Number	XF-BT028
Bluetooth Version	5.3
FM Frequency Range	87.5 - 108.0 MHz
Input Voltage	DC 12V-24V
USB-C Output	PD30W

Feature	Specification
USB-A Output (QC3.0)	QC18W
U-Disk/TF Card Capacity	≤32GB
Supported Audio Formats	MP3/WMA/FLAC/APE/WAV
Microphone	Dual Microphones with CVC 8.0 Noise Reduction
Ambient Lights	9 Color LED Ring Light
Material	Aluminium Alloy
Dimensions	11.6 x 7.4 x 5.7 cm
Weight	80 g

10. Warranty and Support

SOOMFON products are designed and manufactured to the highest quality standards. For warranty information, technical support, or any inquiries regarding your product, please refer to the official SOOMFON website or contact their customer service directly. You can find more information at the SOOMFON Store on Amazon.

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