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› Syncwire Bluetooth 5.4 FM Transmitter Car Adapter User Manual

SYNCWIRE SW-XC966

Syncwire Bluetooth 5.4 FM Transmitter Car Adapter

Model: SW-XC966

Brand: SYNCWIRE

INTRODUCTION

Thank you for choosing the Syncwire Bluetooth 5.4 FM Transmitter Car Adapter. This device allows you to stream audio from your Bluetooth-enabled devices to your car's FM radio, make hands-free calls, and charge your devices quickly. This manual provides detailed instructions for setup, operation, and troubleshooting to ensure you get the best experience from your new device.

PACKAGE CONTENTS

- Syncwire Bluetooth 5.3 FM Transmitter Charger Adapter
- User Manual

PRODUCT OVERVIEW



Front view of the Syncwire Bluetooth FM Transmitter, showing the display, control knob, and charging ports.



Detailed view of the Syncwire FM Transmitter with key components labeled: FM Display, Multifunction Button (FM+/- , Volume +/-), Deep Bass/Light Switch, CH Button, PD 36W Port, QC 3.0 Port, LED Light, and Dual Mics.

SETUP GUIDE

1. **Power On:** Insert the Syncwire FM Transmitter into your car's cigarette lighter socket. The device will power on automatically and the LED display will light up.
2. **Set Car Radio to FM Mode:** Ensure your car's radio is set to FM mode, not AM mode.
3. **Find a Blank FM Frequency:** Tune your car radio to an unused FM frequency. This should be a frequency with no active radio station, only static.
4. **Match Transmitter Frequency:** Press the 'CH' button on the FM transmitter. The frequency display will flash. Use the multifunction knob (rotate left/right) to adjust the transmitter's frequency to match the blank frequency you found on your car radio. Press the 'CH' button again to confirm the setting.
5. **Bluetooth Pairing:** On your mobile device, enable Bluetooth and search for available devices. Select "SW-XC966" from the list to pair. Once paired, a voice prompt will confirm the connection.



Visual guide for setting up the Syncwire FM Transmitter: 1. Set car radio to FM mode. 2. Select a blank FM frequency. 3. Adjust transmitter to match frequency. 4. Pair phone via Bluetooth.

OPERATING INSTRUCTIONS

Music Playback

- Once paired, audio from your phone will be transmitted to your car's speakers via the selected FM frequency.
- **Volume Control:** Rotate the multifunction knob clockwise to increase volume, counter-clockwise to decrease volume. Adjust both the transmitter's volume and your car radio's volume for optimal sound.
- **Next/Previous Track:** Short press the multifunction knob to skip to the next track. Short press again for the previous track.
- **Play/Pause:** Short press the multifunction knob to play or pause music.

Hands-Free Calling

- **Answer Call:** Short press the multifunction knob when an incoming call rings.
- **End Call:** Short press the multifunction knob during a call to hang up.
- **Reject Call:** Long press the multifunction knob for 2 seconds to reject an incoming call.
- **Redial Last Number:** Double-press the multifunction knob to redial the last dialed number.
- **Switch Call Source:** During a call, long press the multifunction knob to switch the call between the transmitter and your phone.



Illustration of hands-free calling features: Answer, Handset/Hands-free toggle, Hang up, Reject, and Redial last number.

Special Features

- **Rainbow Light Control:** The device features a customizable rainbow light. Long-press the 'b' button (Deep Bass/Light Switch) to turn the light on or off. The lights pulse with sound when active.
- **HiFi Deep Bass:** Short press the 'b' button to activate the deep bass mode for enhanced audio experience. Press again to return to standard mode.
- **Dual Microphones:** Equipped with advanced dual microphones and CVC 8.0 noise reduction technology for crystal-clear calls by effectively suppressing road noise and other distractions.
- **Fast Charging:** Features a PD 36W USB-C port and a QC3.0 18W USB-A port, allowing for simultaneous fast charging of two devices.

Ambient Light Switch



Demonstration of the ambient light switch: long press to turn off or turn on the rainbow light.

Deep Bass & HiFi Stereo

High-fidelity and smoother music transfer



Illustration of the Deep Bass & HiFi Stereo feature, showing the 'b' button for activation.



Diagram illustrating the advanced dual microphone system with CVC Noise Cancellation Technology for clearer calls.



Illustration of the 54W Super-Fast Charging capability, showing PD 36W and USB 18W ports charging multiple devices.

Bluetooth 5.4 Technology

The Syncwire FM Transmitter utilizes the latest Bluetooth 5.4 technology, providing a faster, more stable, and smarter connection with minimal sound quality loss. This ensures uninterrupted calls and music streaming. Initial pairing takes approximately 1 second, and subsequent connections are automatic after the first successful pairing.



Visual representation of the latest Bluetooth 5.4 chip, highlighting 200% faster connection, 200% stable transmission, and 100% noise suppression.

MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, direct sunlight, or moisture.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Static or poor audio quality	Interference from other FM stations; frequency mismatch.	Find a completely blank FM frequency on your car radio and match the transmitter to it. Avoid frequencies near strong radio stations.
Low volume output	Transmitter volume or car radio volume is too low.	Increase the volume on both the FM transmitter and your car's radio.

Problem	Possible Cause	Solution
Bluetooth not connecting	Device not in pairing mode; incorrect device selected; Bluetooth off on phone.	Ensure the transmitter is powered on. Re-enable Bluetooth on your phone and search for "SW-XC966". Forget previous pairings if necessary and try again.
Lights not turning off/on	Incorrect button press.	Long-press the 'b' button (Deep Bass/Light Switch) to toggle the rainbow light on or off. Note that the lights pulse with sound and cannot be set to a single static color.
Call quality issues (e.g., muffled sound for caller)	Environmental noise; microphone obstruction.	Ensure the dual microphones are not obstructed. The CVC 8.0 noise reduction should minimize most background noise. If issues persist, try a different car socket or position.
Incoming calls announce number instead of name	This is expected behavior for some units.	The device may announce the incoming phone number even if the contact is saved. This is a design characteristic and not a malfunction.

SPECIFICATIONS

Feature	Detail
Model Number	SW-XC966
Connectivity Technology	Bluetooth 5.4
Power Source	Plug into car cigarette lighter socket
Charging Ports	PD 36W (USB-C), QC3.0 18W (USB-A)
Special Features	Customizable Rainbow Lighting, Advanced Dual Mics with Noise Suppression (CVC 8.0), HiFi Deep Bass, Fast Charging
Human Interface Input	Buttons, Multifunction Knob
Color	Black
Material	Premium Material
Item Weight	2.11 ounces
Package Dimensions	3.54 x 2.4 x 1.73 inches
Country of Origin	China
Date First Available	January 2, 2024

WARRANTY AND SUPPORT

Syncwire provides a **36-month warranty** and **lifetime support** for this product. If you encounter any issues or have questions regarding your Syncwire Bluetooth FM Transmitter, please contact Syncwire customer service for assistance. Please refer to the product packaging or the official Syncwire website for the most current contact information.

IMPORTANT SAFETY INFORMATION

- Do not operate the device while driving if it distracts you from safe driving.
- Keep out of reach of children.
- Do not expose to water or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation when charging devices to prevent overheating.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question