

FM-304K+SKCW038

GENERIC FM-304K+SKCW038 Wired FM Modulator with RCA Aux Input User Manual

Model: FM-304K+SKCW038

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and troubleshooting of the GENERIC FM-304K+SKCW038 Wired FM Modulator with RCA Aux Input. This device allows you to integrate external audio sources into your vehicle's factory stereo system via an FM signal.

PRODUCT OVERVIEW

Features:

- Enables playback of portable music players or DVD player audio through your car stereo.
- RCA audio inputs and in-line wire connection for optimal sound quality.
- Selectable modulation frequencies: 87.9 MHz or 88.3 MHz.
- Integrated on/off switch for convenient control.
- Compact design for easy installation in various spaces.

What's Included:

- FM Modulator Unit (FM-304K)
- Wiring Harness with On/Off Switch
- RCA to 3.5mm Headphone Jack Cable Adapter (Note: Some packages may not include this adapter as per user reviews, please verify contents upon receipt.)



Image: The GENERIC FM-304K+SKCW038 FM Modulator unit, showing its silver casing, RCA inputs, and attached wiring harness with an on/off switch and antenna connections.

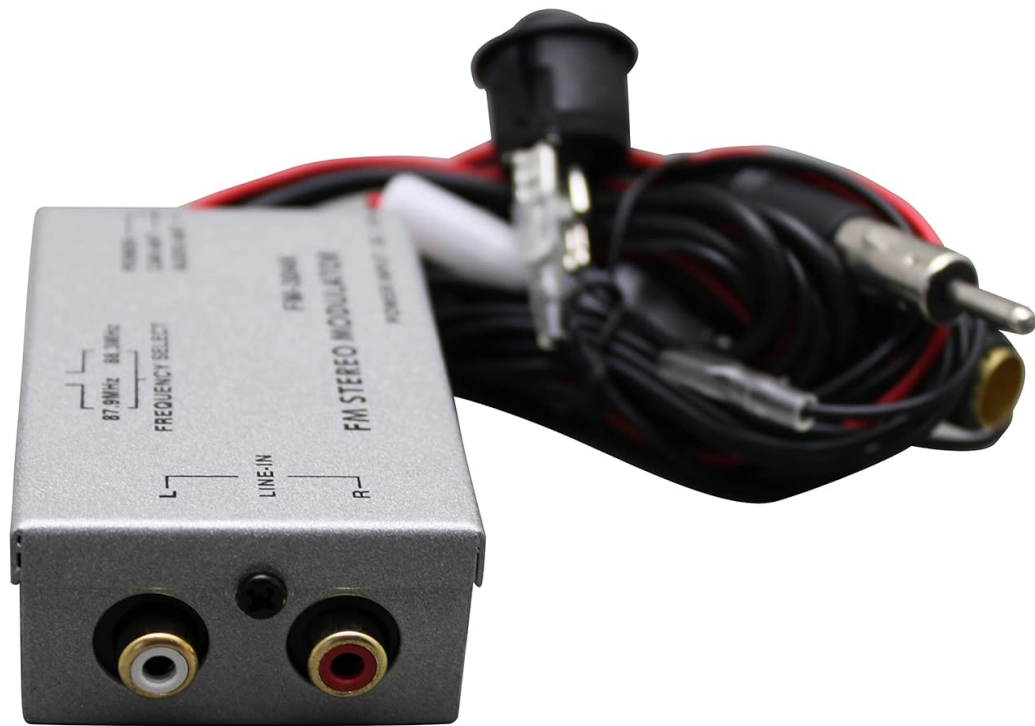


Image: A detailed view of the FM Modulator's front panel, highlighting the red and white RCA audio input jacks and the frequency select switch for 87.9 MHz and 88.3 MHz.



Image: The included RCA to 3.5mm headphone jack cable adapter, featuring red and white RCA plugs on one end and a single 3.5mm stereo mini-jack on the other.

SAFETY INFORMATION

Always disconnect the vehicle's battery before performing any electrical installation. Ensure all connections are secure to prevent short circuits. Consult a professional if you are unsure about any installation steps. Do not operate the device if it is damaged or exposed to moisture.

INSTALLATION INSTRUCTIONS

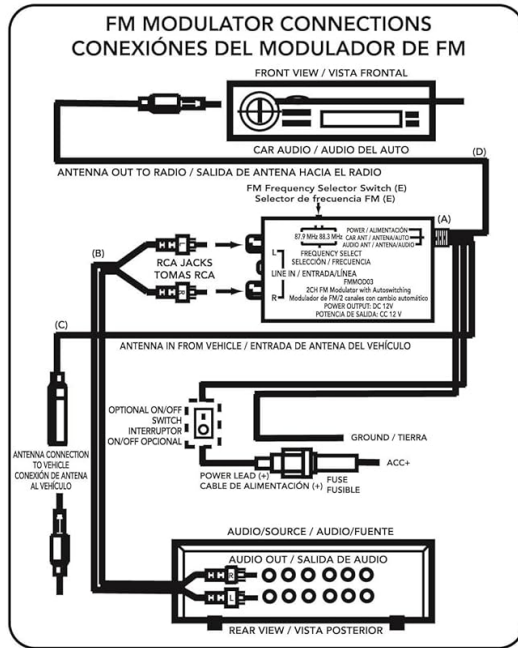
Refer to the wiring diagram below for visual guidance during installation.

CONTENTS

- FM Modulator

MODULATOR CONNECTIONS

- A) Power connections
- B) RCA audio input jacks
- C) Antenna connection to vehicle
- D) Antenna connection to radio
- E) FM frequency selector switch



INSTALLATION & USER INSTRUCTIONS

INSTALLATION

- 1) Disconnect the vehicle antenna from behind the radio.
- 2) Connect the male antenna lead from the FM modulator to the radio. (An antenna adapter may be needed. If so, please see your nearest Best Buy retail store for the correct antenna adapter.)
- 3) Connect the female antenna lead from the FM modulator to the antenna coming out from the dash. (An antenna adapter may be needed. If so, please see your nearest Best Buy retail store for the correct antenna adapter.)
- 4) Connect the black wire from the FM modulator to ground.
- 5) Connect the red wire to a 12-volt accessory wire, (one that has 12-volts when the key is turned to the "ON" position). Optional) Instead of connecting the red wire straight to a 12-volt accessory wire, you can put a toggle switch in line with the red wire. This will allow the user to manually turn the FM modulator on and off. The toggle switch must be put between the in line fuse holder and the FM modulator.
- 6) Connect the RCA audio jacks from the source that you want to go through the radio to the RCA jacks on the side of the FM modulator.
- 7) Select the FM modulator frequency on the side of the modulator that you want to use, either 88.9MHz or 88.5MHz.

OPERATION

- 1) Turn the key to the "ON" position.
- 2) Turn on the radio and tune it to the frequency that you selected.
- 3) Turn on the audio source that you want to play through the radio.
- 4) The FM modulator is "Audio Sensing," which means the FM modulator will automatically turn on when there is audio present on the RCA jacks. The optional toggle switch will prevent the FM modulator from interrupting your radio until the toggle switch is placed in the "ON" position.

TROUBLESHOOTING

No sound

- Make sure audio source is playing.
- Make sure the FM modulator red wire has 12 volts on it when the key is in the "ON" position.
- Make sure the radio is on the frequency selected on the modulator.
- If using the optional toggle switch, make sure the toggle switch is in the "ON" position.
- Stations bleed through what you are listening to.
- Make sure the radio is on the frequency selected on the modulator.
- Try switching the modulator frequency.

Image: Detailed wiring diagram showing connections for power, car antenna, audio input, and the optional on/off switch for the FM Modulator.

1. **Disconnect Vehicle Antenna:** Disconnect the vehicle antenna from behind the radio.
2. **Connect Modulator Antenna Input:** Connect the male antenna from the FM modulator to the radio. (If an antenna adapter is needed, purchase one separately).
3. **Connect Modulator Antenna Output:** Connect the female antenna lead from the FM modulator to the antenna coming out from the dash. (If an antenna adapter is needed, purchase one separately).
4. **Connect Black Wire:** Connect the black wire from the FM modulator to ground.
5. **Connect Red Wire:** Connect the red wire to a 12-volt accessory wire (one that has 12 volts when the key is turned to the "ON" position).
6. **Optional In-line Switch Connection:** If using the optional in-line switch, connect the two wires from the switch to the red power wire of the modulator. This allows manual control of the modulator's power. The toggle switch must be placed between the in-line fuse holder and the FM modulator.
7. **Connect RCA Audio Jacks:** Connect the RCA audio jacks from your source device to the corresponding RCA inputs on the side of the FM modulator.
8. **Select FM Frequency:** Select the FM modulator frequency on the side of the modulator that you want to use, either 87.9 MHz or 88.3 MHz.

OPERATION

1. Turn the key to the "ON" position in your vehicle.
2. Tune your car radio to the frequency that you selected on the modulator (87.9 MHz or 88.3 MHz).
3. Turn on the audio source you want to play through the radio.
4. The FM modulator is an "Audio Sensing" device, which means it will automatically activate and turn on when there is audio present on the RCA inputs. The optional toggle switch provides manual control; if used, ensure it is in the "ON" position for the modulator to function.

TROUBLESHOOTING

No Sound:

- Ensure your audio source is playing.
- Make sure the FM modulator red wire has 12 volts when the key is in the "ON" position.
- Verify that the radio is tuned to the correct frequency selected on the modulator.
- If using the optional toggle switch, ensure it is in the "ON" position.

Static or Poor Audio Quality:

- Ensure strong signal from your audio source.
- Make sure the radio is tuned precisely to the selected frequency.
- Try switching the modulator frequency (between 87.9 MHz and 88.3 MHz) to find a clearer channel in your area.
- Check all wiring connections for security and proper insulation.

SPECIFICATIONS


- **Model Number:** FM-304K+SKCW038
- **Brand:** GENERIC
- **Manufacturer:** Sky International
- **Connector Type:** Auxiliary, RCA
- **Color:** Silver (modulator unit)
- **Modulation Frequencies:** 87.9 MHz, 88.3 MHz
- **Power Input:** DC 12V
- **Package Dimensions:** Approximately 6.18 x 5.87 x 1.69 inches
- **Item Weight:** Approximately 6.7 ounces



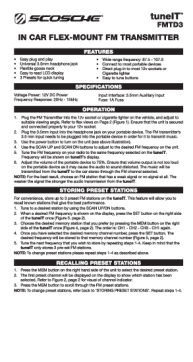


WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer's contact details provided at the point of purchase. Keep your proof of purchase for any warranty claims.

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Related Documents - FM-304K+SKCW038

	<p>Scosche FMMOD02 Auxiliary Input / FM Modulator Installation and Operation Guide</p> <p>Detailed instructions for installing and operating the Scosche FMMOD02 Auxiliary Input / FM Modulator. Includes parts list, recommended tools, warranty information, and troubleshooting contact.</p>
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	<p>Setty TFM-02 Bluetooth FM Transmitter User Manual</p> <p>User manual for the Setty TFM-02 Bluetooth FM Transmitter, detailing its features, specifications, operation, music playback, hands-free calling, charging capabilities, safety guidelines, and compliance information.</p>
	<p>PNI Valentine F250 Bluetooth FM Transmitter User Manual</p> <p>User manual for the PNI Valentine F250 Bluetooth FM transmitter. Learn how to stream music, make hands-free calls, charge devices, and use its features in your car.</p>
	<p>Scosche tuneIT FMTD3 In-Car FM Transmitter: Operation and Features</p> <p>Comprehensive guide to the Scosche tuneIT FMTD3 in-car FM transmitter, detailing its features, specifications, setup, operation, preset management, and troubleshooting for optimal audio streaming.</p>
	<p>HUNDRUP BT27 Wireless FM Transmitter User Manual</p> <p>Comprehensive user manual for the HUNDRUP BT27 Wireless FM Transmitter, detailing specifications, installation, operation, troubleshooting, and safety precautions for car audio connectivity.</p>
	<p>Vieta Pro MFV-777BT FM Transmitter: User Manual, Features, and Specifications</p> <p>Comprehensive user manual for the Vieta Pro MFV-777BT FM Transmitter. Learn about its features, technical specifications, operation, Bluetooth connectivity, and FM transmission for your car.</p>