

SWM SWM-530

SWM-530 Car Stereo Player User Manual

Model: SWM-530

1. INTRODUCTION

Thank you for choosing the SWM-530 Car Stereo Player. This manual provides detailed instructions for the installation, operation, and maintenance of your new car audio system. Please read this manual thoroughly before use to ensure proper functionality and to maximize your listening experience.



Figure 1: Front view of the SWM-530 Car Stereo Player. This image displays the main unit with its control knob, buttons, LCD screen, USB ports, and TF card slot.

2. PACKAGE CONTENTS

Before installation, please verify that all items listed below are included in your package:

- SWM-530 Car Stereo Player Unit
- Instruction Manual
- Remote Control
- Power Cord (Wiring Harness)
- Teardown Keys (Removal Tools)

PRODUCT / Accessories



Parts List:

1. the instructions
2. remote control
3. the power cord
4. teardown key

Figure 2: Contents of the SWM-530 package. This image shows the instruction manual, remote control, wiring harness, and teardown keys included with the car stereo.

3. DIMENSIONS

The SWM-530 Car Stereo Player is designed to fit standard 1-DIN openings. Refer to the dimensions below for installation planning:

Width: Approximately 188 mm

Height: Approximately 58 mm

Depth: Approximately 62 mm (from front panel to rear)

||||| Size



Figure 3: Dimensional drawing of the SWM-530 unit. This image illustrates the width (188mm), height (58mm), and approximate depth (62mm) of the car stereo for installation purposes.

4. SETUP AND INSTALLATION

This section guides you through the process of installing the SWM-530 Car Stereo Player in your vehicle. Professional installation is recommended.

4.1. Pre-Installation Checklist

- Ensure the vehicle's ignition is off and the negative battery terminal is disconnected.
- Confirm the vehicle's dashboard opening is a standard 1-DIN size.
- Gather necessary tools (screwdriver, wire stripper, electrical tape, etc.).

4.2. Wiring Diagram

Connect the power cord (wiring harness) according to the following standard color codes. Refer to your vehicle's wiring diagram for specific connections.

- **Yellow:** Constant 12V (Battery)
- **Red:** Switched 12V (Ignition/ACC)
- **Black:** Ground
- **Blue:** Antenna/Amplifier Remote Turn-On
- **Speaker Wires:** (e.g., White/White-Black for Front Left, Grey/Grey-Black for Front Right, Green/Green-Black for Rear Left, Purple/Purple-Black for Rear Right)

4.3. Mounting the Unit

1. Insert the metal mounting sleeve (if included) into the dashboard opening and bend the tabs to secure it.
2. Connect all necessary wiring harnesses (power, speakers, antenna) to the rear of the SWM-530 unit.

3. Carefully slide the SWM-530 unit into the mounting sleeve until it clicks into place.
4. Reconnect the vehicle's negative battery terminal and test the unit.



Figure 4: SWM-530 Car Stereo Player installed in a vehicle's dashboard. This image demonstrates the unit's appearance when properly mounted in a standard car stereo slot.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your SWM-530 Car Stereo Player.

5.1. Basic Controls

- **Power Button:** Press to turn the unit on/off.
- **Volume Knob:** Rotate to adjust volume. Press to cycle through audio settings (Bass, Treble, Balance, Fader, Loudness, EQ).
- **MODE Button:** Press to switch between Radio, Bluetooth, USB, TF, and AUX modes.
- **BAND Button:** In Radio mode, press to switch between FM1, FM2, FM3 bands.
- **AMS Button:** In Radio mode, press and hold for automatic station scan and store.
- **EQ/LOUD Button:** Press to activate/deactivate Loudness. Press and hold to cycle through preset equalizer modes.
- **Backlight Knob:** The main control knob features an adjustable backlight.

- **LCD Screen:** Displays current mode, frequency, track information, and time.

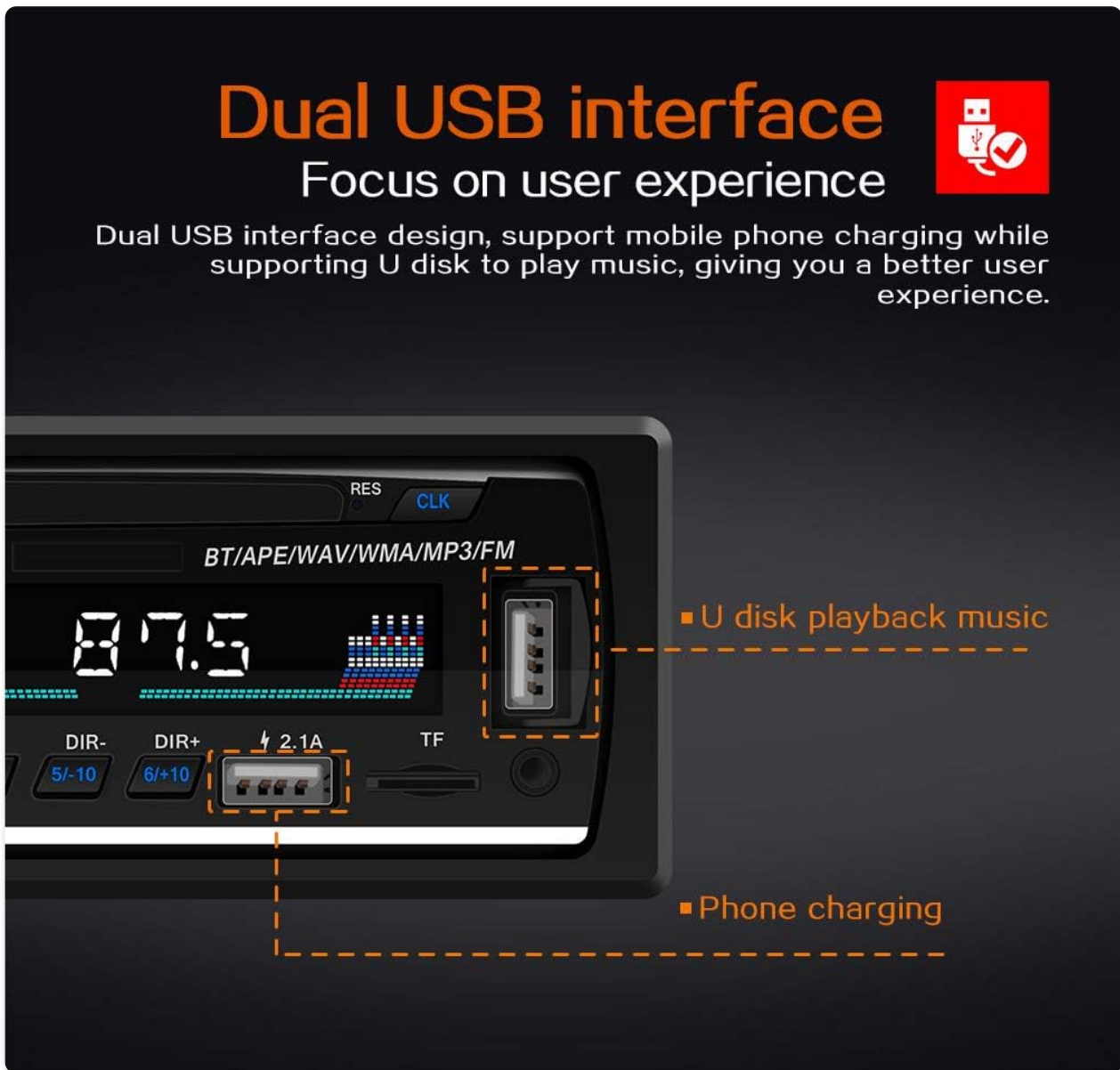
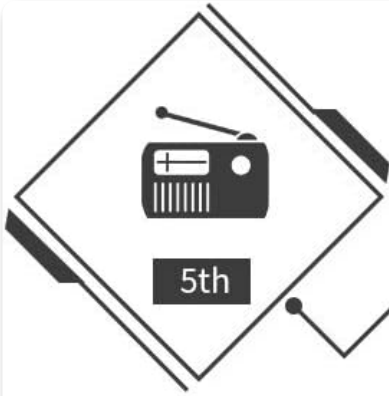


Figure 5: Detailed view of the SWM-530's controls. This image highlights the backlight knob, dual USB ports, and the LCD screen, indicating their functions.

5.2. Radio Operation (FM Tuner)

The unit supports FM radio reception with a frequency range of 87.5-108 MHz.

- Press the **MODE** button to select FM mode.
- Press the **BAND** button to select FM1, FM2, or FM3.
- Press the |<< or >>| buttons to manually tune to a station.
- Press and hold |<< or >>| for automatic seek tuning.
- Press and hold **AMS** to automatically scan and store strong stations to presets.



FM radio

Audio frequency: 87.5-108MHz



87.5-108MHz

Figure 6: SWM-530 displaying FM radio functionality. This image illustrates the unit tuned to an FM frequency, emphasizing its ability to receive radio signals within the 87.5-108 MHz range.

5.3. Bluetooth Operation

The SWM-530 features built-in Bluetooth for hands-free calling and audio streaming.

1. Press the **MODE** button to select Bluetooth mode. The LCD will display "BT" or a similar indicator.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "SWM-530" (or similar name) from the list to pair. If prompted for a password, enter "0000".
4. Once paired, you can play audio from your device, make calls, or receive calls through the car stereo.

5.4. USB/TF Card Playback

The unit supports music playback from USB drives and TF (MicroSD) cards.

- Insert a USB drive into the designated USB port or a TF card into the TF card slot.
- The unit will automatically switch to USB or TF mode and begin playing compatible audio files (MP3, WMA, WAV, APE).
- Use the |<< and >>| buttons to skip tracks.
- Use the **PLAY/PAUSE** button to pause or resume playback.



Figure 7: SWM-530's dual USB interface. This image highlights the two USB ports, one for U disk playback and the other primarily for phone charging, demonstrating the unit's versatility.



Figure 8: SWM-530's various input options. This image shows the USB, AUX (3.5mm Jack), and TF card inputs, illustrating the multiple ways to connect external audio sources.

5.5. Phone Charging

The SWM-530 features a dedicated USB port for charging mobile devices.

- Connect your smartphone or other USB-powered device to the 2.1A USB port on the front panel using a compatible USB cable.
- The unit will provide power to charge your device, even while playing music from another source or via Bluetooth.



01 / Backlight knob

02 / Dual USB



03 / LCD screen

Figure 9: SWM-530 providing phone charging functionality. This image demonstrates a smartphone connected to the car stereo's USB port for charging, highlighting its ability to charge devices while playing audio.

6. MAINTENANCE

Proper care and maintenance will ensure the longevity of your SWM-530 Car Stereo Player.

- **Cleaning:** Use a soft, dry cloth to clean the unit's front panel. For stubborn dirt, dampen the cloth slightly with water. Avoid using harsh chemicals, abrasives, or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

7. TROUBLESHOOTING

If you encounter issues with your SWM-530, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Loose connection.	Check power and ground connections. Verify fuse integrity. Ensure secure wiring.

Problem	Possible Cause	Solution
No Sound	Volume too low; Mute activated; Speaker wiring incorrect; Amplifier issue.	Increase volume. Deactivate mute. Check speaker connections. Ensure external amplifier (if used) is powered.
Bluetooth Not Connecting	Unit not in Bluetooth mode; Device not discoverable; Incorrect pairing.	Ensure unit is in BT mode. Make sure device's Bluetooth is on and discoverable. Re-pair the device.
USB/TF Card Not Reading	Incompatible file format; Corrupted media; Incorrect insertion.	Ensure files are MP3/WMA/WAV/APE. Try a different USB/TF card. Reinsert media correctly.
Poor Radio Reception	Antenna not connected; Weak signal area; Damaged antenna.	Check antenna connection. Try tuning to a stronger station. Consider an antenna booster if needed.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Name	SWM-530
Display Size	2.5 inches
Placement	In-Dash (1-DIN)
Voltage	12V
Output Power	4 * 60W (Max)
Radio Frequency	FM: 87.5 - 108 MHz
Connectivity	Bluetooth, USB, TF Card, AUX-IN (3.5mm Jack)
Supported Audio Formats	MP3, WMA, WAV, APE
Item Weight	0.5 kg (500 g)
Dimensions (W x H x D)	178mm x 50mm x 68mm (approximate)
OSD Language	English

9. WARRANTY INFORMATION

This product is covered by a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

The warranty typically covers defects in materials and workmanship under normal use. It does not cover

damage caused by improper installation, accident, misuse, abuse, neglect, unauthorized modification, or natural disasters.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact your retailer or the manufacturer's customer service department.

Please have your product model number (SWM-530) and purchase details ready when contacting support.