

Mugast SWM-530

Mugast SWM-530 Car Radio Bluetooth MP3 Player User Manual

Model: SWM-530

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Mugast SWM-530 1-DIN Car Radio Bluetooth MP3 Player. This device integrates FM radio, MP3 playback, Bluetooth connectivity for hands-free calls, and AUX/USB interfaces, designed to enhance your in-car audio experience.



Figure 1.1: Front view of the Mugast SWM-530 Car Radio.

2. SAFETY INFORMATION

- Always ensure the vehicle is parked safely before operating the unit's controls. Distracted driving can lead to accidents.
- Do not disassemble or modify the unit. This may cause electric shock, damage, or fire.
- Ensure proper wiring and insulation to prevent short circuits and electrical hazards. Refer to the wiring diagram for correct installation.
- Keep the unit away from water and excessive moisture.
- Use only the specified power supply (DC 12-14V) for this unit.
- Avoid exposing the unit to direct sunlight or extreme temperatures for prolonged periods.

3. PRODUCT FEATURES

The Mugast SWM-530 offers a range of features for an enhanced audio experience:

- **Bluetooth Connectivity:** Seamlessly connect your smartphone for wireless audio streaming and hands-free calling.
- **MP3 Player:** Supports various audio formats including MP3, WMA, WAV, and FLAC for high-quality lossless music playback.
- **FM Radio:** Enjoy your favorite radio stations with clear reception.
- **Multiple Interfaces:** Equipped with AUX and USB ports for versatile connectivity options.
- **Hands-Free Call Function:** Integrated microphone for safe and convenient phone calls while driving.
- **Audio Customization:** Features multiple EQ sound effects for personalized audio output.
- **Display:** Colorful screen display with time indication.
- **Durable Design:** International standard universal model with metal heat dissipation for stable and long-lasting performance.

Lossless Music

Support full range of lossless music for any audio format,
AUX audio input, MP3/WMA/WAV/FLAC



Figure 3.1: Support for various lossless music formats.

High Cost Effective

FM radio, multiple circuit protection,
time display, fast charging, colorful screen display,
Multiple EQ sound effects, etc.



Figure 3.2: Features like time display and EQ sound effects.

4. SETUP AND INSTALLATION

The Mugast SWM-530 is a standard 1-DIN size car radio. Professional installation is recommended.

4.1 Package Contents

Verify that all items are present in the package:

- Mugast SWM-530 Car Radio Unit
- Remote Control
- Power Wiring Harness
- Speaker Wiring Harness
- Disassembly Keys (2)



Figure 4.1: Included components: main unit, remote control, wiring harnesses, and disassembly keys.

4.2 Wiring Diagram

Connect the wiring harnesses according to your vehicle's specifications. Ensure correct polarity and secure connections. The unit requires a 12-14V DC power supply.



Figure 4.2: Rear panel with wiring connections for power, speakers, and RCA outputs.

4.3 Dimensions

The physical dimensions of the unit are important for proper fitment in your vehicle's dashboard.

Product Dimensions: 7.28 x 2.32 x 2.64 inches (188mm x 58mm x 68mm)



Figure 4.3: Unit dimensions for installation reference.

5. OPERATING INSTRUCTIONS

This section details the basic operation of your car radio.



Figure 5.1: Front panel controls and display.

5.1 Front Panel Controls

- **Power Button ():** Press to turn the unit on or off.
- **Volume Knob (EQ/LOUD):** Rotate to adjust volume. Press to cycle through EQ presets or activate Loudness.
- **MODE Button:** Press to switch between FM, Bluetooth, USB, and AUX modes.
- **BAND Button:** In FM mode, press to switch between FM1, FM2, and FM3 bands.
- **MIC:** Integrated microphone for hands-free calling.
- **RES (Reset):** Small button to reset the unit to factory settings (requires a pointed object).
- **CLK (Clock):** Press to display or set the time.
- **DIR- / DIR+:** Navigate folders or tracks.
- **AMS (Automatic Memory Store):** In FM mode, press and hold to automatically scan and store strong stations.
- **Preset Buttons (1-6):**
 - **1 / ► (Play/Pause):** Play/pause audio.
 - **2 / INT (Intro):** Play the first few seconds of each track.
 - **3 / RPT (Repeat):** Repeat current track.
 - **4 / RDM (Random):** Play tracks in random order.
 - **5 / -10:** Jump back 10 tracks/files.
 - **6 / +10:** Jump forward 10 tracks/files.
- **USB Port:** Connect USB flash drives for MP3/WMA/WAV/FLAC playback and charging (2.1A).
- **SD Card Slot:** Insert SD cards for audio playback.
- **AUX Input:** Connect external audio devices via a 3.5mm jack.

5.2 Bluetooth Operation

1. Pairing:

- Turn on the car radio.
- Enable Bluetooth on your mobile device.
- Search for available devices and select "CAR BT" or similar from the list.
- If prompted for a password, enter "0000".
- Once paired, the unit will confirm connection.

2. Making/Receiving Calls:

- When a call comes in, the unit will display the caller ID (if supported).
- Press the  button (usually on the remote or front panel) to answer.
- Press the  button again to end the call.
- Use the volume knob to adjust call volume.

3. Bluetooth Audio Streaming:

- After pairing, select Bluetooth mode on the unit.
- Play music from your paired device. Controls like play/pause, next/previous track can be operated from the unit or remote.

5.3 FM Radio Operation

1. Press the MODE button to select FM mode.
2. Press the BAND button to switch between FM1, FM2, and FM3 bands.
3. **Automatic Scan:** Press and hold the AMS button to automatically scan and store strong stations into the preset memory.
4. **Manual Tuning:** Use the  and  buttons (often integrated with DIR- / DIR+) for manual frequency adjustment.
5. **Preset Recall:** Press preset buttons (1-6) to recall stored stations.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit's surface. Do not use abrasive cleaners, waxes, or solvents.
- **Avoid Liquids:** Do not allow liquids to enter the unit, as this can cause damage to internal components.
- **Fuse Replacement:** If the unit does not power on, check the fuse located at the rear of the unit. Replace with a fuse of the same rating if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power and ground connections. Inspect and replace fuse if blown. Verify vehicle battery voltage.
No sound	Speaker wires disconnected; Volume too low; Incorrect audio source selected.	Check speaker connections. Increase volume. Ensure correct mode (FM, USB, AUX, BT) is selected.
Bluetooth not connecting	Unit not in pairing mode; Bluetooth disabled on device; Incorrect pairing code.	Ensure unit is in Bluetooth mode. Enable Bluetooth on your phone. Re-attempt pairing, using "0000" if prompted.
Poor FM reception	Antenna not connected; Weak signal area; Damaged antenna.	Check antenna connection. Try scanning for stations in a different location. Consider antenna inspection.
USB/SD card not recognized	Unsupported file format; Corrupted media; Incompatible storage device.	Ensure files are MP3/WMA/WAV/FLAC. Reformat the USB/SD card (FAT32). Try a different USB/SD card.

8. SPECIFICATIONS

Feature	Detail
Model Number	SWM-530
Brand	Mugast
Product Dimensions	7.28 x 2.32 x 2.64 inches (188mm x 58mm x 68mm)
Connectivity Technology	Auxiliary, Bluetooth, RCA, USB
Compatible Devices	Smartphone, Speaker
Connector Type	3.5mm Jack, RCA, USB
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Color	Black
Output Power	50 Watts (5E+1 Watts)
Power Supply	DC 12-14V
Supported Audio Formats	MP3, WMA, WAV, FLAC
Special Feature	Music classification

9. WARRANTY AND SUPPORT

Specific warranty information for the Mugast SWM-530 is not provided in the product details. Please refer to the retailer or manufacturer's official website for warranty terms and conditions.

For technical support or service inquiries, please contact Mugast customer service through their official channels or the point of purchase.

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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

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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