UNITOPSCI 7110GM

UNITOPSCI Car Stereo Single Din Radio with GPS Navigation

Model: 7110GM - User Manual

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your UNITOPSCI Car Stereo Single Din Radio. This unit features a 7-inch flip-out touchscreen, integrated GPS navigation, Bluetooth connectivity, mirror link functionality, FM radio, and support for a rear view camera. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Product Overview and Components

Familiarize yourself with the main unit and included accessories.

2.1 Package Contents

- 1 x Car MP5 Player (Main Unit)
- 1 x Rear View Camera
- 1 x 8G TF Card with Preloaded Map Data
- 1 x Power Cable
- 2 x Disassembly Keys
- 1 x Remote Control
- 1 x GPS Antenna
- 1 x Instruction Manual



Figure 2.1: Main unit and included accessories.

2.2 Unit Dimensions and In-Dash View



Figure 2.2: Unit dimensions and an example of in-dash installation.

2.3 Front Panel Controls

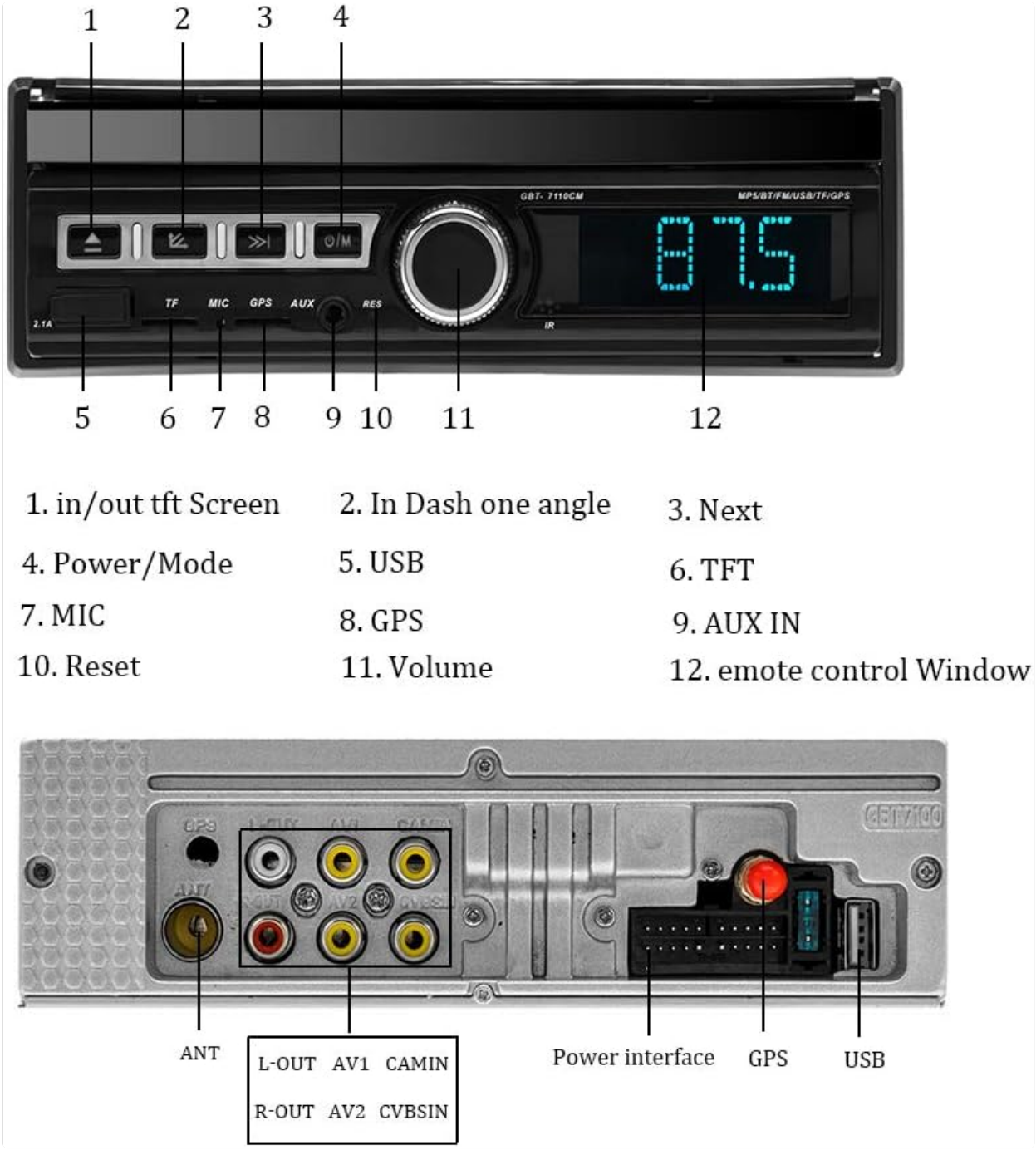


Figure 2.3: Front panel controls and their functions.

2.4 Rear Panel Connections



Figure 2.4: Rear panel connections for power, audio, video, and antennas.

3. Setup and Installation

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

3.1 Wiring Connections

Connect the provided power cable to the vehicle's wiring harness. Ensure correct connections for constant power (yellow), accessory power (red), and ground (black). Connect speaker wires according to their respective channels. Refer to the wiring diagram provided with the power cable for specific details.

3.2 GPS Antenna Installation

Connect the GPS antenna to the designated GPS port on the rear of the unit. Mount the antenna in a location with a clear view of

the sky, such as on the dashboard or under the windshield, to ensure optimal signal reception.

3.3 Rear View Camera Connection

Connect the rear view camera's video output to the CAMIN port on the rear of the unit. Connect the camera's power to the vehicle's reverse light circuit so it activates automatically when the vehicle is in reverse gear.

3.4 TF Card Insertion

Insert the provided 8GB TF card with map data into the TF card slot on the front panel. Ensure it is inserted correctly until it clicks into place.

4. Operating Instructions

4.1 Power On/Off and Basic Controls

- Press the **Power/Mode** button (4) to turn the unit on or off.
- Rotate the **Volume** knob (11) to adjust the audio level.
- Touch the screen to navigate menus and select functions.

4.2 Bluetooth Connectivity

The unit supports hands-free calling, phonebook download, and Bluetooth music playback.

1. On the unit, navigate to the Bluetooth menu.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select the unit's Bluetooth name (e.g., "Car BT") from your device's list.
4. Confirm pairing on both devices if prompted.



Figure 4.1: Bluetooth pairing and hands-free calling.

4.3 GPS Navigation

Utilize the built-in GPS receiver for navigation.

1. From the main menu, select the Navigation icon.
2. The system will load the map data from the TF card.
3. Input your desired destination using the on-screen keyboard.
4. Follow the voice and visual prompts for turn-by-turn directions.



Figure 4.2: GPS navigation interface.

4.4 Mirror Link Function

Mirror Link allows you to display your smartphone's screen on the car stereo unit.

- **Android Phones (versions 4.0-7.0):** Connect your phone using its original USB cable. Two-way control is supported, allowing you to control your phone from the stereo screen.
- **iPhones (iPhone 5 - iPhone 7 Plus):** Connect your phone using its original USB cable. One-way control is supported, meaning your phone's screen is mirrored, but control remains on the phone.

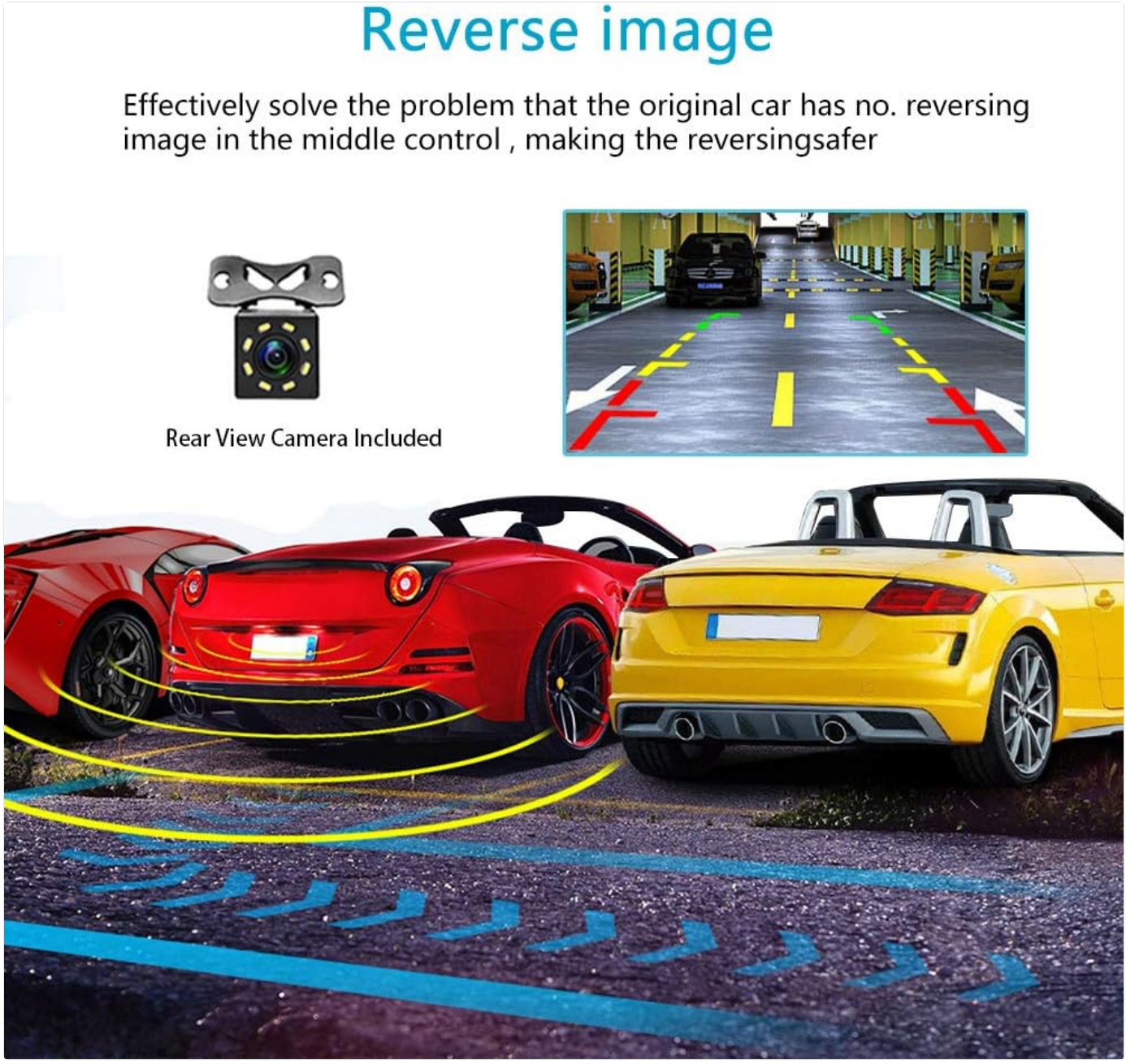


Figure 4.3: Mirror Link functionality with a smartphone.

4.5 FM Radio Operation

Access high-quality digital stereo FM radio.

1. Select the FM Radio icon from the main menu.
2. Use the on-screen controls to scan for stations (automatic or manual search).
3. Preset up to 18 stations for quick access.



Figure 4.4: FM Radio interface.

4.6 Rear View Camera Display

When connected, the rear view camera automatically displays on the screen when the vehicle is shifted into reverse gear, enhancing safety during parking and reversing maneuvers.



Figure 4.5: Rear view camera display with parking guidelines.

4.7 Media Playback (USB/TF/AUX)

The unit supports playback of audio and video files from USB drives and TF cards. Connect your device to the respective port (USB port 5, TF slot 6) or use the AUX-in port (9) for external audio sources.

4.8 Steering Wheel Control

If your vehicle supports steering wheel controls, you can configure the unit to respond to these buttons. Access the steering wheel control learning function in the system settings to map your vehicle's buttons to the stereo's functions.

4.9 Display Settings

Customize the display with seven color backlight settings. Access these options in the setup menu to select your preferred color.

5. Maintenance

- **Cleaning the Screen:** Use a soft, dry cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and button crevices.
- **Software Updates:** Periodically check the manufacturer's website for any available firmware updates to ensure optimal performance and access to new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold, as this can affect its electronic components and screen.

6. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle power issue.	Check power cable connections (yellow, red, black). Inspect vehicle fuses and the unit's fuse. Ensure vehicle battery is charged.
No sound.	Volume too low; Mute activated; Incorrect speaker wiring.	Increase volume. Check if mute is active. Verify speaker wire connections.
GPS not working or inaccurate.	GPS antenna not connected or poorly positioned; TF card issue.	Ensure GPS antenna is securely connected and has a clear view of the sky. Check if the TF card with map data is properly inserted.
Bluetooth connection issues.	Device not in pairing mode; Interference; Incorrect pairing process.	Ensure both devices are in pairing mode. Delete previous pairings and try again. Move closer to the unit.
Mirror Link not functioning.	Incompatible phone OS version; Non-original USB cable; App issues.	Verify phone OS compatibility (Android 4.0-7.0, iPhone 5-7 Plus). Use the phone's original USB cable. Restart both devices.
Rear view camera not displaying.	Camera not connected; Incorrect wiring to reverse light; Faulty camera.	Check CAMIN connection. Ensure camera power is correctly wired to the reverse light. Test camera functionality.
Touchscreen unresponsive.	System freeze; Dirt on screen.	Press the **Reset** button (10) with a thin object. Clean the screen.

7. Specifications

Feature	Specification
Model	7110GM
Screen Size	7 Inches

Feature	Specification
Display Type	LCD, Capacitive Folding Touch Screen
Resolution	1024 x 600
System Solutions	C800D
Bluetooth Version	4.2
Voltage	12V
Power Output	4 * 60W
FM Radio Frequency	87.5MHz ~ 108MHz
Audio Amplifier	7388
Memory Storage Capacity	8 GB (for map data)
Connectivity	Auxiliary, Bluetooth, USB
Map Type	North America, Offline Map
Control Method	Remote, Touch
Supported Languages	English, Chinese (simplified/traditional), Spanish, Portuguese, Russian, Italian, German, French, Japanese, Polish, Turkish, Czech

8. Warranty and Support

This product comes with a 12-month replacement warranty from the date of purchase. A 30-day money-back guarantee is also offered. For any technical issues, warranty claims, or support inquiries, please contact UNITOPSCI customer service through the Amazon Seller Central platform. Our support team aims to reply within 24 hours.

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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.

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