

KUNFINE MP5-7012B

KUNFINE 7-inch Double Din Car Stereo MP5-7012B Instruction Manual

Model: MP5-7012B

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE 7-inch Double Din Car Stereo MP5-7012B. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

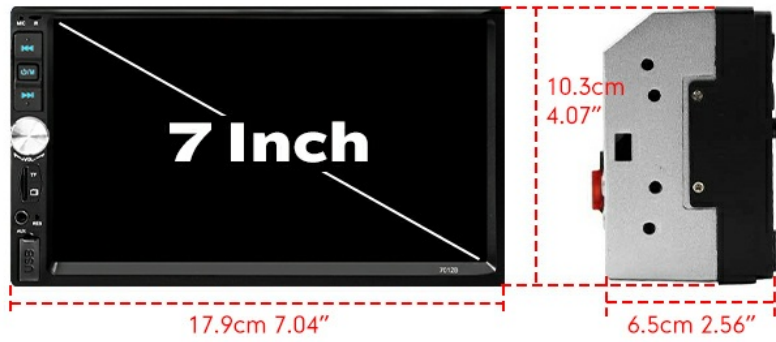
- **Professional Installation:** It is recommended to have this product installed by a qualified professional to prevent damage to the unit or your vehicle.
- **Driving Safety:** Do not operate the unit's complex functions or watch videos while driving. Distraction can lead to accidents.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with proper grounding. Incorrect wiring can cause damage or fire.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for extended periods.
- **Moisture:** Keep the unit away from water and excessive moisture.

3. PACKAGE CONTENTS

Verify that all items are present in the package before installation:

- KUNFINE 7-inch Double Din Car Stereo (MP5-7012B)
- Rear View Camera
- Power Cable Harness
- Remote Control
- Instruction Manual (this document)

Package



Rear View Camera



Power Cable



Remote control



Instructions

Figure 3.1: Contents included in the KUNFINE MP5-7012B package.

4. PRODUCT OVERVIEW

The KUNFINE MP5-7012B is a 7-inch double din car stereo featuring a touchscreen display and various multimedia capabilities. Below are the main components and their functions.

4.1 Front Panel Controls



Figure 4.1: Front panel of the KUNFINE MP5-7012B car stereo.

- **7-inch Touchscreen:** Main interface for navigation and control.
- **Volume Knob:** Adjusts audio output level.
- **USB Port:** For connecting USB storage devices.
- **TF Card Slot:** For inserting TransFlash (MicroSD) memory cards.
- **AUX Input:** 3.5mm jack for external audio sources.
- **Reset Button:** Recessed button to reset the unit (use a thin object).
- **Microphone:** For hands-free calling.
- **Remote Control Sensor:** Receives signals from the included remote control.

4.2 Dimensions



Figure 4.2: Physical dimensions of the MP5-7012B unit.

The unit has an installation size of approximately 178mm (7.04 inches) in width, 103mm (4.05 inches) in height, and 65mm (2.6 inches) in depth. Please ensure your vehicle's dashboard opening is compatible with these dimensions.

5. INSTALLATION

Proper installation is crucial for the performance and longevity of your car stereo. Refer to the wiring diagrams and follow these steps carefully.

5.1 Pre-Installation Checks

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure the mounting location is suitable for a double din unit.
- Verify all included accessories are present.

5.2 Wiring Connections

Connect the wiring harness to your vehicle's electrical system according to the diagram below. Incorrect wiring can cause damage to the unit or vehicle.

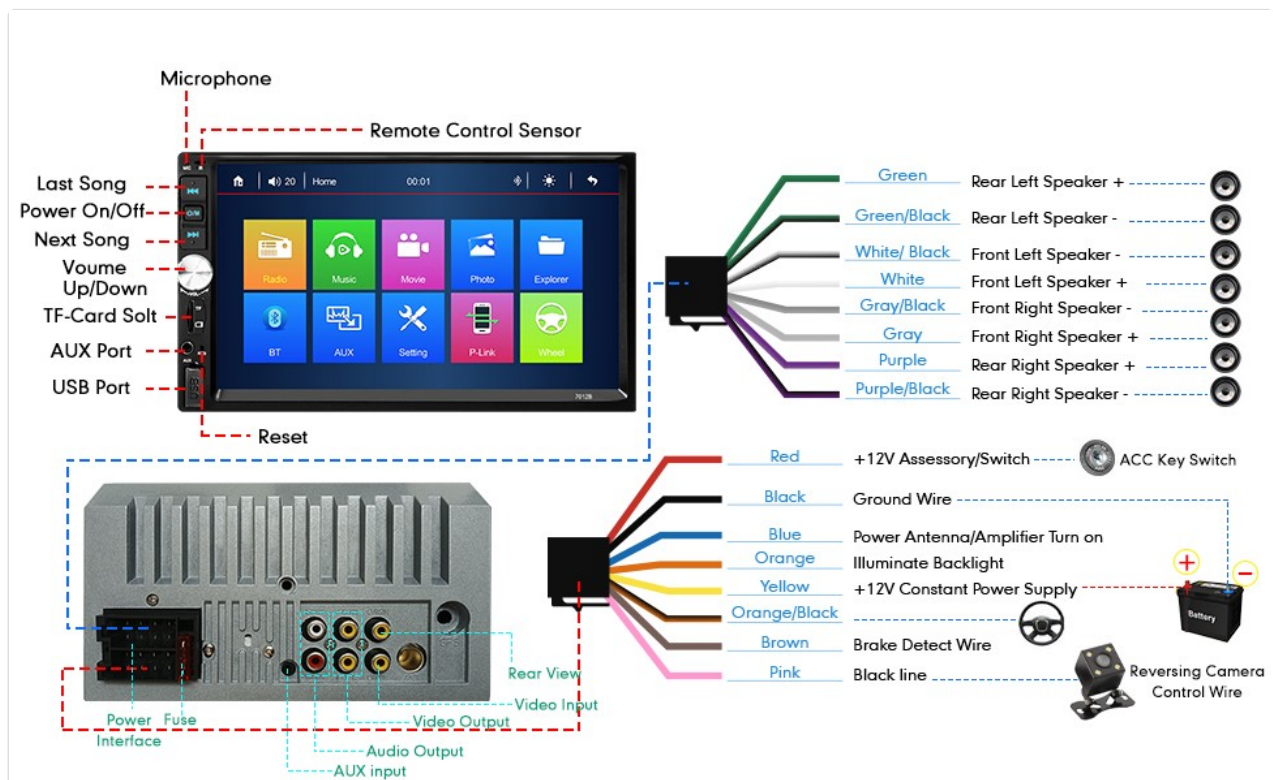


Figure 5.1: Main wiring diagram for the car stereo.

- **Red Wire:** Connect to +12V Accessory/Switch (ACC).
- **Yellow Wire:** Connect to +12V Constant Power Supply (BAT).
- **Black Wire:** Connect to Ground (GND).
- **Blue Wire:** Power Antenna/Amplifier Turn On.
- **Orange Wire:** Illuminate Backlight.
- **Brown Wire:** Brake Detect Wire (for video playback safety).
- **Speaker Wires:** Connect according to color codes for Front Left, Front Right, Rear Left, and Rear Right speakers (e.g., Green/Green-Black for Rear Left).

5.3 Reverse Camera Wiring

The included reverse camera integrates with the stereo to provide a clear view when backing up.

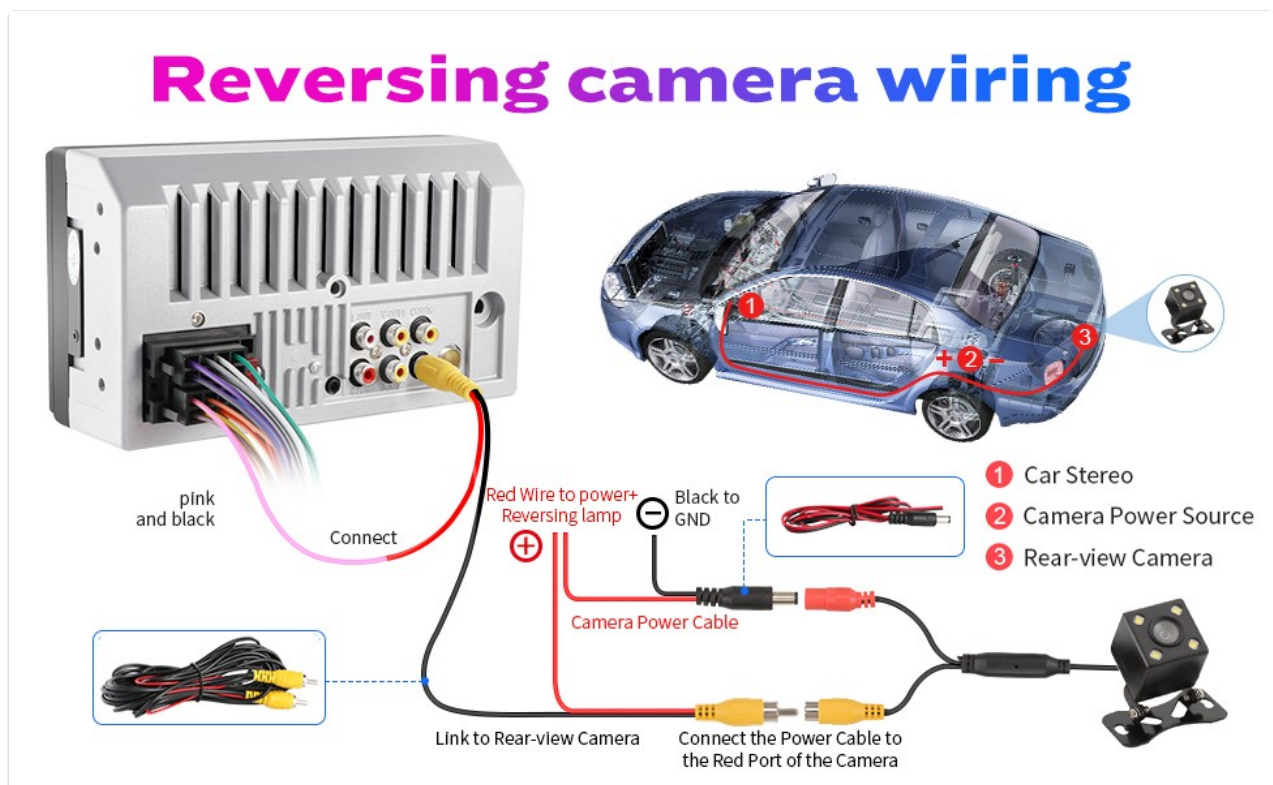


Figure 5.2: Reversing camera wiring diagram.

1. Connect the camera's red power wire to the vehicle's reversing lamp power supply.
2. Connect the camera's black ground wire to a suitable ground point.
3. Connect the video cable from the camera to the 'Rear View' video input on the stereo's rear panel.
4. Ensure the 'Reverse Camera Control Wire' (often pink or brown) from the stereo's harness is connected to the reversing lamp's positive wire. This signal triggers the stereo to switch to the camera view automatically.

6. OPERATING INSTRUCTIONS

This section details the primary functions and how to operate your KUNFINE car stereo.

6.1 Basic Operation

7 inch Touch screen

The most convenient way to control your system.
Make Selections and adjust settings by clicking onscreen buttons and menus



Figure 6.1: Touchscreen interface for selecting functions.

- **Power On/Off:** Press the power button on the front panel or remote control.
- **Volume Adjustment:** Rotate the volume knob or use the remote control.
- **Touchscreen:** Tap icons to select functions, swipe to navigate menus.
- **Reset:** If the unit malfunctions, use a thin pointed object to press the recessed reset button.

6.2 Radio Function (FM)

FM Radio

Built-in Digital Audio Broadcasting module, support FM tuning



Figure 6.2: FM Radio interface.

1. From the main menu, tap the 'Radio' icon.
2. Select 'FM' band.
3. Use the arrow buttons to manually tune or 'SCAN' to automatically search for stations.
4. Press and hold a preset number to save the current station.

6.3 Bluetooth Connectivity

BT Hands-free

Support phonebook to synchronize handsfree calls and mobile music



Figure 6.3: Bluetooth hands-free calling feature.

1. From the main menu, tap the 'BT' icon.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'KUNFINE' (or similar name) from the list on your phone to pair.
4. Once paired, you can make/receive calls and stream audio from your phone.

6.4 Media Playback (USB/SD/AUX)



Figure 6.4: Available media input options.

- **USB/SD:** Insert a USB drive into the USB port or an SD card into the TF card slot. Tap 'Music' or 'Movie' icon from the main menu. The unit will automatically detect and display playable files.
- **AUX:** Connect an external audio device to the 3.5mm AUX input. Tap the 'AUX' icon from the main menu to switch to AUX mode.



Figure 6.5: Music playback interface.

Play Video

RM/RMVB/DVD(VOBT)DCD(DAT)/MP1/MP2/DIVX/XVID/MP4/H263/H264/
FLV/3GP/SWF/AVI/ASF/MJPEG etc



Figure 6.6: Video playback interface.

6.5 Mirror Link Function

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

Support Mirror Link



Figure 6.7: Mirror Link function displaying navigation.

1. Connect your Android smartphone to the stereo's USB port using a high-quality USB cable.
2. Tap the 'P-Link' (Mirror Link) icon on the stereo's main menu.
3. Follow any prompts on your smartphone to allow screen mirroring.
4. Note: This function is primarily supported for Android phones.

6.6 Reverse Camera Display

Reversing video assist

Automatically switch to reverse image when the car is in reverse gear



Figure 6.8: Automatic display of reversing camera view.

When the vehicle is shifted into reverse gear, the stereo will automatically switch to display the feed from the connected rear view camera. Parking guidelines may be displayed to assist with maneuvering.

6.7 Steering Wheel Control

Steering Wheel control

Use the buttons on the steering wheel to control the car player



Figure 6.9: Steering wheel control settings interface.

The unit supports connection to your vehicle's steering wheel controls, allowing you to operate basic functions without taking your hands off the wheel.

1. Access the 'Setting' menu from the main screen.
2. Locate the 'Steering Wheel Control' or 'Wheel' option.
3. Follow the on-screen instructions to program your vehicle's steering wheel buttons to the desired functions (e.g., volume up/down, track skip, mode).

7. MAINTENANCE

To ensure the longevity and optimal performance of your car stereo, follow these simple maintenance guidelines:

- **Cleaning the Screen:** Use a soft, dry, lint-free cloth to gently wipe the touchscreen. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the screen surface.
- **General Cleaning:** Keep the unit's exterior clean by wiping it with a soft, damp cloth. Ensure no moisture enters the unit.
- **Port Maintenance:** Periodically check USB, SD card, and AUX ports for dust or debris and clean them carefully if necessary.

- **Avoid Extreme Conditions:** Do not expose the unit to extreme heat, cold, or humidity.

8. TROUBLESHOOTING

If you encounter issues with your KUNFINE car stereo, refer to the following common problems and solutions before contacting support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, insufficient power.	Check power cable connections (Red, Yellow, Black). Verify vehicle fuse and unit's fuse. Ensure constant 12V power.
No sound from speakers.	Speaker wires disconnected, volume too low, incorrect audio settings.	Check all speaker wire connections. Increase volume. Check audio balance/fader settings.
Bluetooth not connecting.	Bluetooth not enabled, device not discoverable, pairing issue.	Ensure Bluetooth is enabled on both the stereo and your mobile device. Make sure your device is in pairing mode. Try unpairing and re-pairing.
Mirror Link not working.	Incorrect USB cable, phone not compatible, software issue.	Use the original USB cable for your phone. Ensure your Android phone is compatible. Check phone settings for USB debugging or mirroring options.
Reverse camera not displaying.	Camera wiring incorrect, camera power issue, reverse trigger wire not connected.	Verify all camera connections (power, ground, video input). Ensure the reverse trigger wire is correctly connected to the reversing lamp.
Unit freezes or becomes unresponsive.	Temporary software glitch.	Press the reset button with a thin pointed object.

9. SPECIFICATIONS

Feature	Specification
Model	MP5-7012B
Display Size	7 Inches
Display Type	Touchscreen
Connectivity Technology	Bluetooth, USB
Supported Media	USB, SD/MMC, AUX, FM Radio
Audio Output Mode	Stereo

Feature	Specification
Surround Sound Channel Configuration	5.1
Video Encoding Support	H.264, H.263 (and others like RM/RMVB/DVD(VOBT)DCD(DAT)/MP1/MP2/DIVX/XVID/MP4/H263/H264/FLV/3GP/SWF/AVI/ASF/MJPEG)
Audio Format Support	MP3/WMANWAV/FLAC/OGG/APE
Power Supply	12V DC
Product Dimensions	9.06 x 5.12 x 6.3 inches (approx. 178 x 103 x 65 mm for main unit)
Item Weight	1.34 pounds

10. WARRANTY AND SUPPORT

Your KUNFINE MP5-7012B car stereo comes with a **1-Year Warranty** covering manufacturing defects. This warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications (non-human damage). Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact KUNFINE customer support through your retailer or the official KUNFINE support channels.