CAMECHO Q3580

CAMECHO Android 13 Car Stereo Instruction Manual

Model: Q3580 for Mitsubishi Lancer (2007-2013)

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO Android 13 Car Stereo. This head unit is designed specifically for Mitsubishi Lancer models from 2007 to 2013, featuring a 10.1-inch touch screen, GPS navigation, Bluetooth, Wi-Fi, Steering Wheel Control (SWC) support, FM/RDS radio, and Mirror Link functionality.

Image: The CAMECHO Android 13 Car Stereo integrated into a Mitsubishi Lancer dashboard, illustrating the visual upgrade from the original factory unit.

2. Setup and Installation

Before beginning installation, ensure your vehicle is turned off and the battery is disconnected. Professional installation is recommended. Refer to your vehicle's service manual for specific dashboard disassembly instructions.

2.1 Package Contents

Verify that all components are present in the package:

What's in the box
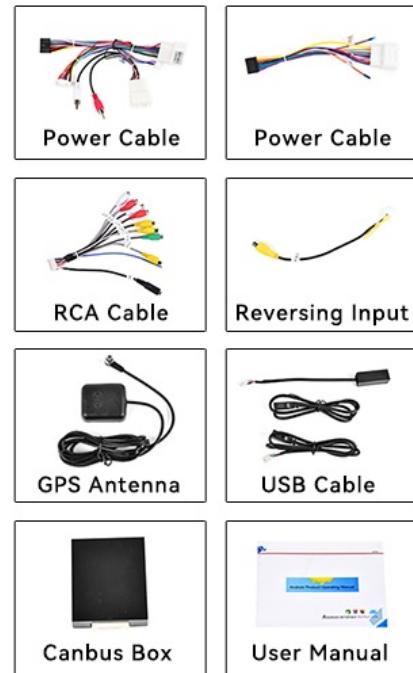
Image: A visual representation of the items included in the product box, such as the main head unit, various power and signal cables, GPS antenna, USB cables, Canbus Box, and the user manual.

- Main Head Unit (10.1-inch display)
- Power Cable (x2, specific to vehicle model)
- RCA Cable (for audio/video input/output)
- Reversing Input Cable (for backup camera)
- GPS Antenna
- USB Cable (x2)
- Canbus Box (if applicable for vehicle integration)
- User Manual

2.2 Wiring Diagram and Connections

Follow the wiring diagram carefully. Incorrect connections can damage the unit or vehicle electronics.

Installation
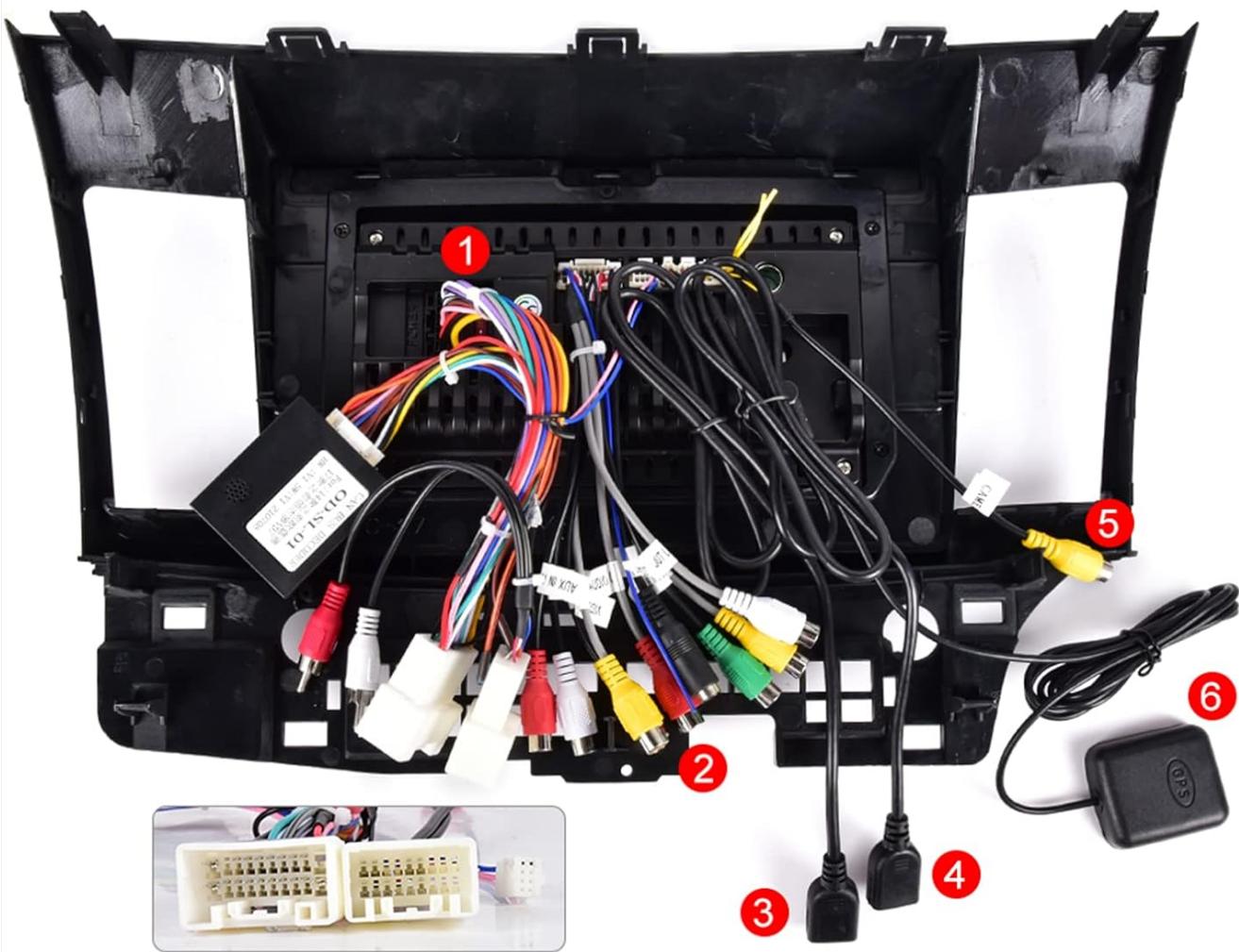
1. Power cord
2. RCA Input/Output
3. USB Cable 1
4. USB Cable 2
5. Camera Input
6. GPS Antenna

Image: A close-up view of the rear of the car stereo unit with all wiring harnesses connected. Labels indicate: 1. Power cord, 2. RCA Input/Output, 3. USB Cable 1, 4. USB Cable 2, 5. Camera Input, 6. GPS Antenna.

1. **Power Cord:** Connect the main power harness to the vehicle's wiring. Ensure correct positive, negative, and accessory wire connections.
2. **RCA Input/Output:** Connect external amplifiers, subwoofers, or auxiliary audio/video sources.
3. **USB Cables (1 & 2):** Connect USB devices for media playback, phone charging, or Android Auto/CarPlay (if supported).
4. **Camera Input:** Connect the video signal cable from your backup camera.
5. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, ensuring it is securely attached.
6. **Canbus Box:** If your vehicle requires a Canbus box for steering wheel controls or other vehicle data integration, connect it as per the specific wiring instructions provided with the box.

After all connections are made, carefully mount the head unit into the dashboard opening. Reconnect the vehicle battery and test all functions before fully reassembling the dashboard.

3. OPERATING INSTRUCTIONS

Your CAMECHO Android 13 Car Stereo offers a wide range of features. This section details how to use the primary functions.

3.1 Basic Operation

- **Power On/Off:** Press and hold the power button (usually a physical button or on-screen icon) to turn the unit on or off. A short press may mute audio.
- **Volume Control:** Adjust volume using the physical knob (if present) or on-screen controls.
- **Touch Screen:** Navigate the Android interface by tapping, swiping, and pinching on the 10.1-inch capacitive touch screen.

3.2 GPS Navigation

The unit comes with built-in GPS functionality. You can use pre-installed navigation apps or download others from the Google Play Store.

Image: The car stereo screen displaying a navigation map with a highlighted route and estimated travel time. Icons for app

download, offline map, online map, and browser are shown below the unit.

- **Online Maps:** Connect to Wi-Fi to use online mapping services for real-time traffic and updated maps.
- **Offline Maps:** Download map data for offline use, allowing navigation without an internet connection.

3.3 Mirror Link Function

Mirror Link allows you to display your smartphone's screen on the car stereo. This feature supports both Android and iOS devices.

Image: The car stereo screen mirroring a smartphone display, with icons indicating compatibility for both iOS and Android phones via Wi-Fi or USB connection.

- **Android Devices:** Connect via Wi-Fi or USB cable. Follow on-screen prompts to establish the connection.
- **iOS Devices:** Connect via Wi-Fi. Ensure both devices are on the same Wi-Fi network or use the stereo's hotspot feature.

3.4 Bluetooth Connectivity (Version 4.0)

Pair your smartphone via Bluetooth for hands-free calling and wireless audio streaming.

- **Pairing:** Go to the Bluetooth settings on the stereo and your phone. Search for available devices and select "CAMECHO" (or similar name). Enter the PIN (usually 0000 or 1234) if prompted.
- **Hands-Free Calling:** Make and receive calls directly from the stereo interface.
- **Audio Streaming:** Play music from your phone through the car's speakers.

3.5 FM/RDS Radio

Access local radio stations with FM and RDS (Radio Data System) functionality.

- **Scanning:** Use the auto-scan feature to find and save available stations.
- **RDS:** Display station information, song titles, and traffic announcements where available.

3.6 Steering Wheel Control (SWC)

Integrate your vehicle's existing steering wheel controls for safe and convenient operation of the stereo.

Image: The car stereo's settings menu for "Steering Learn," allowing users to program their steering wheel buttons to control various functions of the head unit. A steering wheel with control buttons is shown for context.

- **Configuration:** Access the SWC settings menu to program each button on your steering wheel to a specific

function (e.g., volume up/down, track skip, mode change).

3.7 Backup Camera Support (Optional)

The unit supports an optional backup camera, providing a clear view of the rear of your vehicle when reversing.

Image: The car stereo screen displaying the live feed from a backup camera, complete with colored parking guidelines to assist with maneuvering. The image indicates that the camera is an optional accessory.

- **Automatic Display:** When connected, the camera feed will automatically display on the screen when the vehicle is shifted into reverse.

3.8 Split-Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.
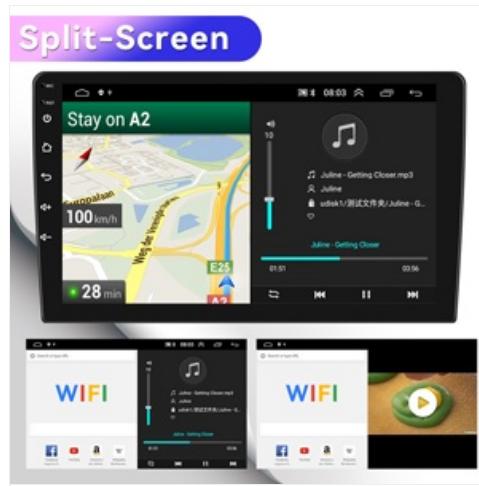
Image: A compact view of the car stereo display demonstrating the split-screen feature, with a navigation application on the left and a music player on the right.

- **Activation:** Typically activated by long-pressing the recent apps button or dragging an app to one side of the screen.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronics screens. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system updates via the unit's settings menu (requires Wi-Fi connection). Updates can improve performance and add new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to prolonged direct sunlight or extreme cold, as this can affect performance and screen life.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your car stereo.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Volume too low, mute activated, incorrect speaker wiring, amplifier issue.	Increase volume. Check if unit is muted. Verify speaker wiring. Check external amplifier if used.
GPS signal is weak or inaccurate.	GPS antenna obstructed or improperly placed, antenna connection loose.	Ensure GPS antenna has a clear view of the sky. Check antenna connection to the unit.
Bluetooth connection issues.	Device not in pairing mode, incorrect PIN, interference.	Ensure both devices are in pairing mode. Re-enter PIN. Try pairing in a different location.

Problem	Possible Cause	Solution
USB device not recognized.	Faulty USB cable, incompatible USB format, damaged USB port.	Try a different USB cable and device. Ensure USB device is formatted correctly (e.g., FAT32). Check if the USB port is damaged.
Steering Wheel Controls not working.	Incorrect wiring, SWC not configured, Canbus box issue.	Verify SWC wiring. Re-enter the SWC learning menu and re-program buttons. Check Canbus box connection if applicable.

If problems persist, consult a professional installer or contact CAMECHO customer support.

6. SPECIFICATIONS

Key technical specifications for the CAMECHO Android 13 Car Stereo (Model Q3580).

Feature	Detail
System	Android 13
Screen Size	10.1 Inches
Screen Resolution	1024 x 600
Memory (RAM+ROM)	1GB (RAM) + 32GB (ROM)
Power Output	4*45W
Bluetooth Version	4.0
Radio Band	FM/RDS
USB Interface	Double USB
Mirror Link	Android/iOS Support
Audio Format Support	APE/FLAC/WAV/MP3/WMA etc.
Video Format Support	MKV/RMVB/AVI/MP4/MDV etc.
Picture Format Support	PNG/JPEG/JPG/GIF/WBMP/BNP etc.
Voltage	DC 12V
Item Model Number	Q3580
Mounting Type	Panel Mount
Control Method	Touch
Map Type	Worldwide
Audio Output Mode	Stereo
Vehicle Service Type	Car
Are Batteries Included	No

Feature	Detail
Language Support	Multi-language (e.g., English, Chinese, French, Spanish)

7. WARRANTY INFORMATION

For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official CAMECHO website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

8. CUSTOMER SUPPORT

If you require further assistance with installation, operation, or troubleshooting, please contact CAMECHO customer support. Contact details can usually be found on the product packaging, the official website, or the warranty card. When contacting support, please have your product model number (Q3580) and purchase information readily available.