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› SIXWIN 4+64G Android 15 Car Radio User Manual for Mercedes Benz Smart Fortwo 451 (2005-2010)

SIXWIN Smart Fortwo 451

SIXWIN 4+64G Android 15 Car Radio User Manual for Mercedes Benz Smart Fortwo 451 (2005-2010)

Model: Smart Fortwo 451 (2005-2010)

1. PRODUCT OVERVIEW

The SIXWIN 4+64G Android 15 Car Radio is designed for Mercedes Benz Smart Fortwo 451 models manufactured between 2005 and 2010. This unit features a 9-inch HD touchscreen display, a quad-core processor, 4GB RAM, and 64GB internal storage, running on Android 15. It integrates advanced connectivity options including wireless CarPlay, Android Auto, Mirror Link, built-in GPS navigation, Wi-Fi, and Bluetooth 5.0. The system also includes a 32-band equalizer for audio customization and supports original steering wheel controls.



Image: The SIXWIN Android 15 Car Radio seamlessly integrated into the dashboard of a Mercedes Benz Smart Fortwo 451.

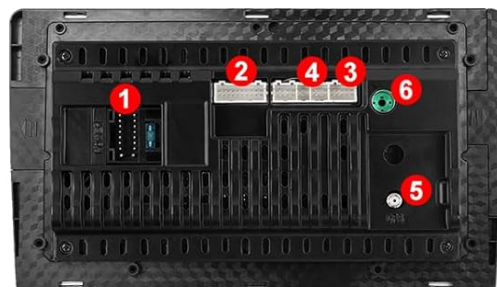
2. PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation.

- Autoradio unit
- Power Cable (A and B options)
- Installation Tool
- Radio Antenna
- Antenna Adapter
- Accessories (mounting brackets)
- GPS Antenna
- Rear Camera Input Cable (for optional camera)
- USB Cable (2 ports)

- RCA Cable
- User Manual
- Microphone

Packing List & Size



- | | |
|---------------------------|------------------|
| 1. Power Cable | 4. USB Cable |
| 2. RCA Input/Output | 5. GPS Antenna |
| 3. Reversing Camera Input | 6. Radio Antenna |

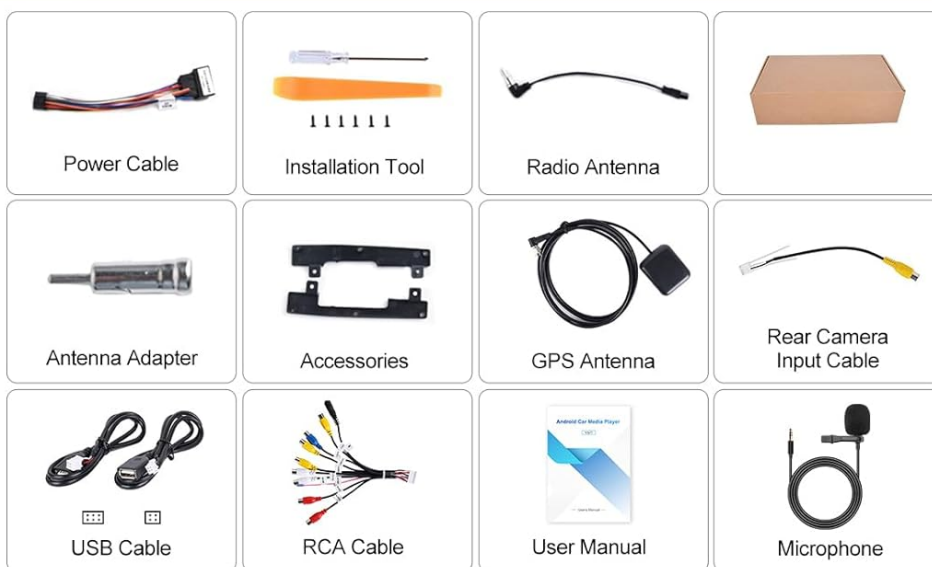


Image: A visual representation of the complete packing list, including the main unit, various cables, antennas, and installation tools.

3. INSTALLATION GUIDE

3.1 Pre-Installation Check

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Confirm compatibility with your Mercedes Benz Smart Fortwo 451 (2005-2010).
- Identify the correct wiring harness for your vehicle (Cable A or Cable B).

3.2 Wiring Connections

The unit comes with two power cables (A and B). Under normal circumstances, prioritize using Cable A. If the unit does not power

on or function correctly, use Cable B.

PLEASE NOTE

Under normal circumstances, priority should be given to using the A cable.
If the machine cannot be started normally, please use the B cable.

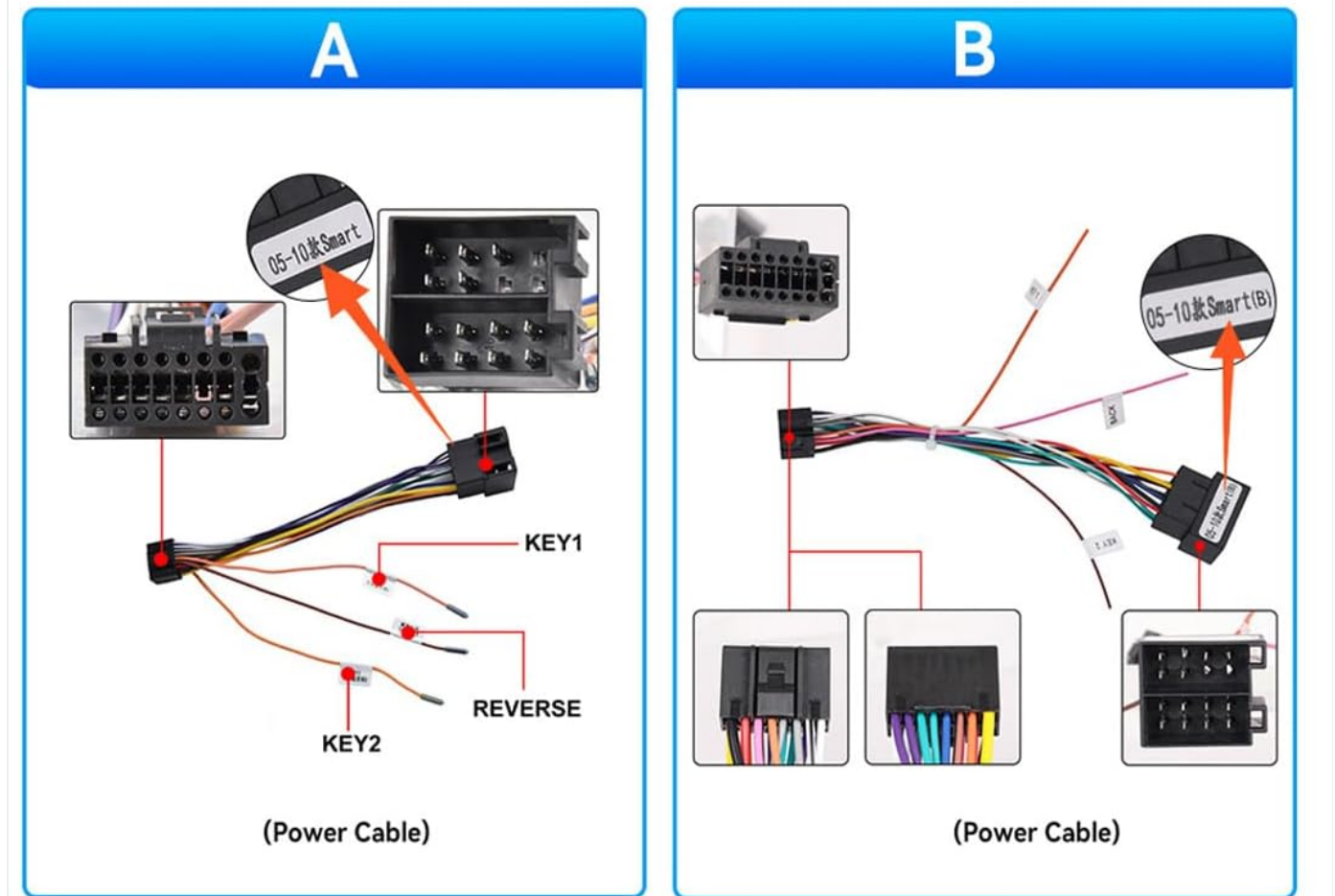


Image: Detailed wiring diagrams for Power Cable A and Power Cable B, indicating connections for KEY1, KEY2, and REVERSE signals.
Choose the cable that matches your vehicle's wiring harness.

- **Power Cable:** Connect the appropriate power cable (A or B) to the vehicle's wiring harness.
- **GPS Antenna:** Connect the GPS antenna and place it in a location with a clear view of the sky for optimal signal reception.
- **Radio Antenna:** Connect the radio antenna and adapter if necessary.
- **USB Cables:** Connect the two USB cables for charging and multimedia playback.
- **RCA Cables:** Connect RCA cables for external amplifiers (subwoofer output) or rear entertainment systems (AV input).
- **Microphone:** Connect the external microphone for improved hands-free call quality.
- **Reversing Camera (Optional):** If installing a reversing camera, connect its input cable to the designated port on the head unit.

3.3 Mounting the Unit

Secure the autoradio unit into the dashboard opening using the provided mounting brackets and screws. Ensure all cables are properly routed and not pinched.

4. OPERATING INSTRUCTIONS

4.1 Initial Power On and Setup

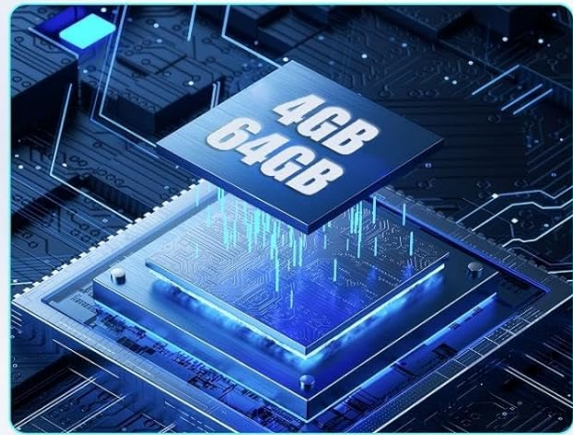
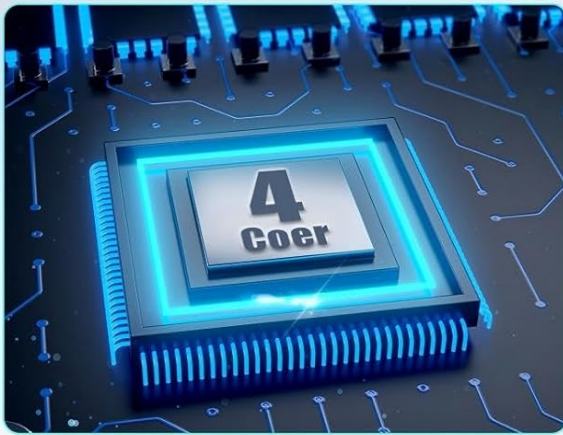
- Reconnect the vehicle battery.
- Turn on the vehicle ignition. The unit should power on automatically.
- Follow the on-screen prompts for initial setup, including language selection and time zone.

4.2 Touchscreen Operation

The 9-inch HD touchscreen supports multi-touch gestures. Tap to select, swipe to navigate menus, and pinch to zoom where applicable.

4 CORE 4GB RAM + 64GB ROMM

Android 15 and 4GB RAM provides faster response and stable performance.



IPS Display Screen With 2.5D Touch Glass



Image: The IPS display screen with 2.5D touch glass, highlighting its responsive touchscreen and anti-blue light features.

4.3 Wireless CarPlay & Android Auto

Connect your iPhone or Android device wirelessly to access CarPlay or Android Auto features. This allows for safe use of navigation, music, calls, and messages via voice commands (Siri or Google Assistant) or the touchscreen.

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- On the car radio, select the CarPlay or Android Auto application.
- Follow the on-screen instructions to pair your device.



Image: The user interface for CarPlay and Android Auto, showing various compatible applications for navigation, music, and communication.

4.4 Mirror Link Function

Mirror Link allows you to display your smartphone screen directly on the car radio's display.

- **For iOS devices:** Connect via Wi-Fi.
- **For Android devices:** Connect via Wi-Fi or USB cable.
- Select the "Mirror Link" app on the car radio and follow the pairing instructions.



Image: A demonstration of the Mirror Link function, showing a smartphone screen mirrored onto the car radio display.

4.5 GPS Navigation

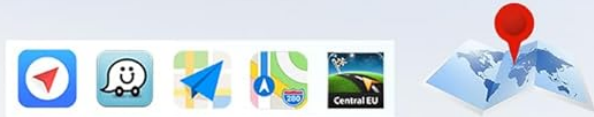
The unit features built-in GPS navigation with support for both online and offline maps. A pre-installed map of your country is included.

- To use online maps, ensure the unit is connected to Wi-Fi.
- For offline navigation, download maps to the internal storage.

- Access navigation through the dedicated "Navigation" app.

Built-in GPS Navigation

- Pre-install Here we go Map of your country
- Support other Online Goo-gle map
- Safe&Convinient to reach the destination



Support WiFi connection



- Support WiFi internet
- Enjoy online entertainment and communication
- Support more apps download, such as: Youtube, Facebook, Tiktok, etc.



Support Reversing Function

- Support an external AHD rear view camera
- can get a clear picture anytime, anywhere



(Optional)



Image: The GPS navigation interface showing a map with route guidance and various navigation icons.

4.6 Wi-Fi Connectivity

Connect the car radio to the internet via a Wi-Fi hotspot (e.g., from your smartphone) to browse the web, stream content, and download applications.

- Go to "Settings" > "Network & Internet" > "Wi-Fi".
- Select your desired Wi-Fi network and enter the password.

4.7 Bluetooth 5.0

Bluetooth 5.0 provides stable connectivity for hands-free calling and wireless music streaming.

- Enable Bluetooth on your smartphone and the car radio.
- On the car radio, go to the "Bluetooth" app, search for your device, and pair.
- The unit supports automatic phone book loading and music playback.

Built in 32 EQ (Equaliser)

- Different Sound Styles optional: Flat, Rock, Pop, Jazz, Classic
- 32Bands EQ Adjustable



FM/RDS Radio



- 18 Preset Station
- FM(3*6)Channels for Reception
- Built-in RDS Radio Receiver



Built in Bluetooth 5.0

- Support Bluetooth hands-free function
- Support Automatic phone book loading
- Support Music playback.



Image: The Bluetooth interface showing a dialer for hands-free calls and options for music playback.

4.8 FM/RDS Radio

The integrated FM/RDS tuner provides clear reception of radio stations. It supports 18 preset stations and displays real-time station information (RDS).

- Access the "Radio" app to tune into FM stations.
- Use the scan function to find available stations and save them as presets.



Image: The FM/RDS radio interface showing frequency display, preset stations, and RDS information.

4.9 Audio Equalizer (EQ)

Customize your audio experience with the professional 32-band equalizer. Choose from various sound styles (Jazz, Classical, Rock, etc.) or manually adjust frequency bands for personalized sound.

- Access the "EQ" app to adjust audio settings.
- Select a preset or drag the sliders to fine-tune the sound.



Image: The 32-band equalizer interface, showing frequency adjustment sliders and sound style presets.

4.10 Steering Wheel Control Integration

The unit integrates with your vehicle's original steering wheel controls, allowing you to manage volume, calls, and music tracks directly from the steering wheel for a safer driving experience.

- Access the "Steering Wheel Control" settings in the system menu.
- Follow the on-screen instructions to map your steering wheel buttons to the desired functions.



Image: The steering wheel control configuration screen, showing options to assign functions to physical buttons.

4.11 Split Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

- Open the first application.
- Long-press the recent apps button or follow specific Android 15 gestures to activate split-screen mode.
- Select the second application to display alongside the first.

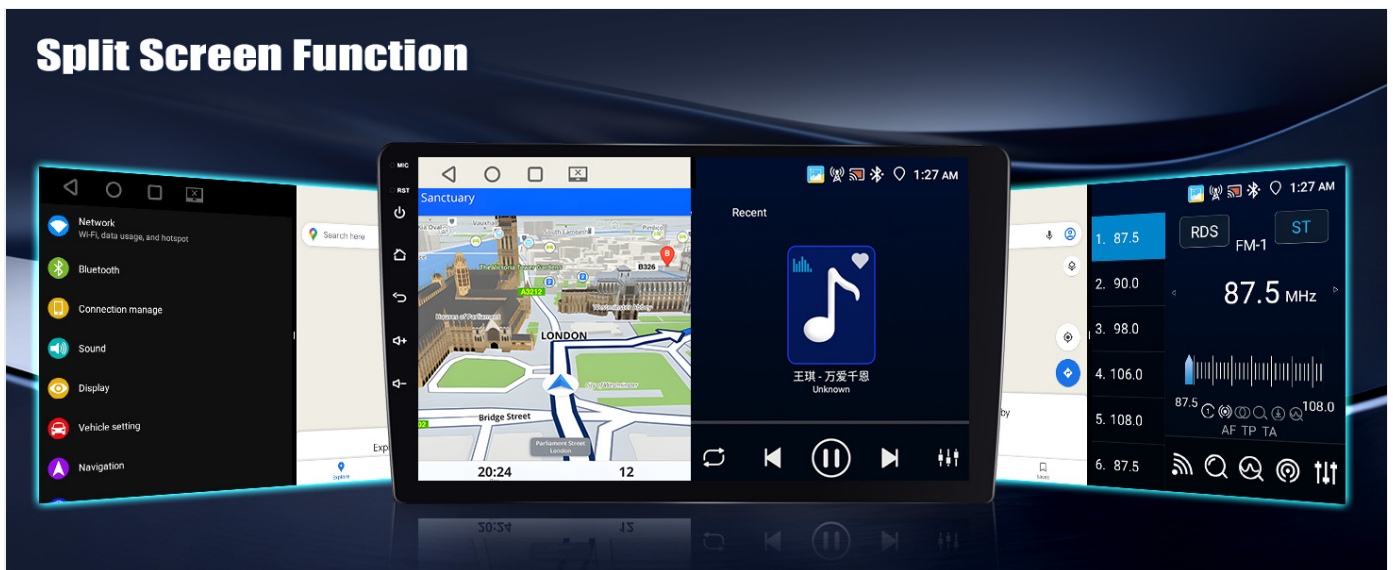


Image: The split-screen function in action, showing navigation on one side and a music player on the other.

4.12 Reversing Function (with optional camera)

If an external AHD rear-view camera is connected, the unit will automatically display the camera feed when the vehicle is put into reverse gear, providing a clear view for safe maneuvering.

Wireless Carplay & Android Auto



Mirror Link



Image: An illustration of the reversing function, showing an external AHD rear-view camera and the display with parking guidelines.

5. MAINTENANCE

To ensure optimal performance and longevity of your SIXWIN car radio, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that may damage the display.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and bug fixes. Updates can typically be found in the system settings or on the manufacturer's website.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power cable connection (A vs. B), loose wiring, blown fuse.	Ensure the correct power cable (A or B) is used and securely connected. Check vehicle fuses and the unit's fuse. Verify battery connection.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone, incorrect pairing, software glitch.	Ensure Bluetooth and Wi-Fi are active on your smartphone. Delete previous pairings on both devices and re-pair. Restart both the car radio and your smartphone.
No sound or poor audio quality.	Volume too low, incorrect EQ settings, loose speaker wires.	Check volume levels on both the unit and your connected device. Adjust EQ settings to a flat profile or a suitable preset. Verify all speaker wire connections.
GPS signal is weak or inaccurate.	GPS antenna obstructed or improperly placed.	Ensure the GPS antenna has a clear line of sight to the sky. Check the GPS antenna connection to the unit.
Buttons on the unit are not illuminated at night.	Wiring issue or setting.	Check the illumination wire connection during installation. Consult the system settings for any illumination control options.
Battery drain when car is off.	Incorrect wiring of constant and accessory power.	Verify that the constant power (yellow wire) and accessory power (red wire) are correctly wired to the vehicle's harness. In some cases, these may need to be swapped or an additional switch installed by a professional.

7. SPECIFICATIONS

Feature	Detail
Brand	SIXWIN
Operating System	Android 15
RAM	4GB
Internal Storage	64GB
Processor	Quad-core
Display Size	9 inches
Display Resolution	HD 1280*720
Connectivity	USB, Wi-Fi, Bluetooth 5.0
Special Features	Wireless CarPlay, Wireless Android Auto, Mirror Link, Built-in GPS, RDS FM Radio, 32-band EQ, Steering Wheel Control Integration, Split Screen Function, Reversing Function Support
Compatible Devices	Smartphone, USB drive, Bluetooth devices

Feature	Detail
Audio Output Mode	Surround (5.1 channel configuration)
Video Encoding	H.264, H.265
Color	Black
Country of Origin	China

8. WARRANTY AND SUPPORT

The SIXWIN car radio comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For technical assistance, troubleshooting, or warranty claims, please contact our support team.

Support Email: SIXWINVIP@126.com

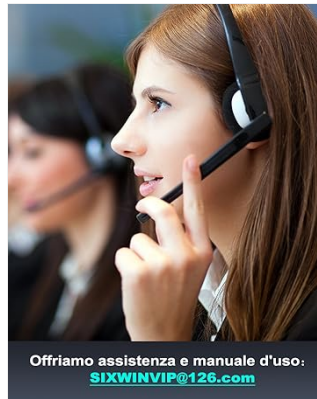


Image: A customer support representative wearing a headset, symbolizing available assistance.

