AWESAFE 4GRAM 64GROM (B0FLY62971)

AWESAFE Android 13 Car Radio Stereo User Manual

For Subaru Forester, WRX, Impreza (2015-2018) - Model: 4GRAM 64GROM

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AWESAFE Android 13 Car Radio Stereo. This 9-inch HD touch screen head unit is designed for Subaru Forester, WRX, and Impreza models from 2015 to 2018, including compatibility with Harman Kardon sound systems. It features 4GB RAM and 64GB ROM, offering a responsive experience with integrated CarPlay/Android Auto, Bluetooth, GPS navigation, FM radio, DSP, and Wi-Fi connectivity.

Image: AWESAFE Android 13 Car Radio Stereo seamlessly integrated into a Subaru dashboard.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.

- Professional installation is recommended for optimal performance and to avoid damage to your vehicle or the unit.

- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.

- Ensure all wiring connections are secure and properly insulated to prevent short circuits or electrical hazards.

- Keep the unit away from water and excessive moisture.

- Do not attempt to disassemble or modify the unit. This will void the warranty.

3. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation:

- AWESAFE Android 13 Car Radio Stereo (9-inch head unit)
- Power Cable
- Microphone
- GPS Antenna
- Rear View Input Cable
- USB Cable 1
- USB Cable 2
- CanBus Decoder (if applicable for your vehicle model)
- Installation Tools (e.g., crowbar, screwdriver)
- RCA Cable Harness
- AHD Backup Camera (included with this model)

Image: Visual representation of the 9-inch head unit and its complete packing list.

4. INSTALLATION GUIDE

This section outlines the general steps for installing your new car radio stereo. Specific vehicle disassembly procedures may vary. Refer to your vehicle's service manual or consult a professional installer if unsure.

4.1 Pre-Installation Check

- Disconnect the vehicle's battery before starting any electrical work.
- Carefully remove the original car radio and trim panels using appropriate tools.
- Identify the vehicle's existing wiring harnesses.

Image: Comparison of the dashboard before and after the AWESAFE head unit installation.

4.2 Wiring Connections

Connect the provided wiring harnesses to the head unit and your vehicle's corresponding connectors. Ensure all connections are firm.

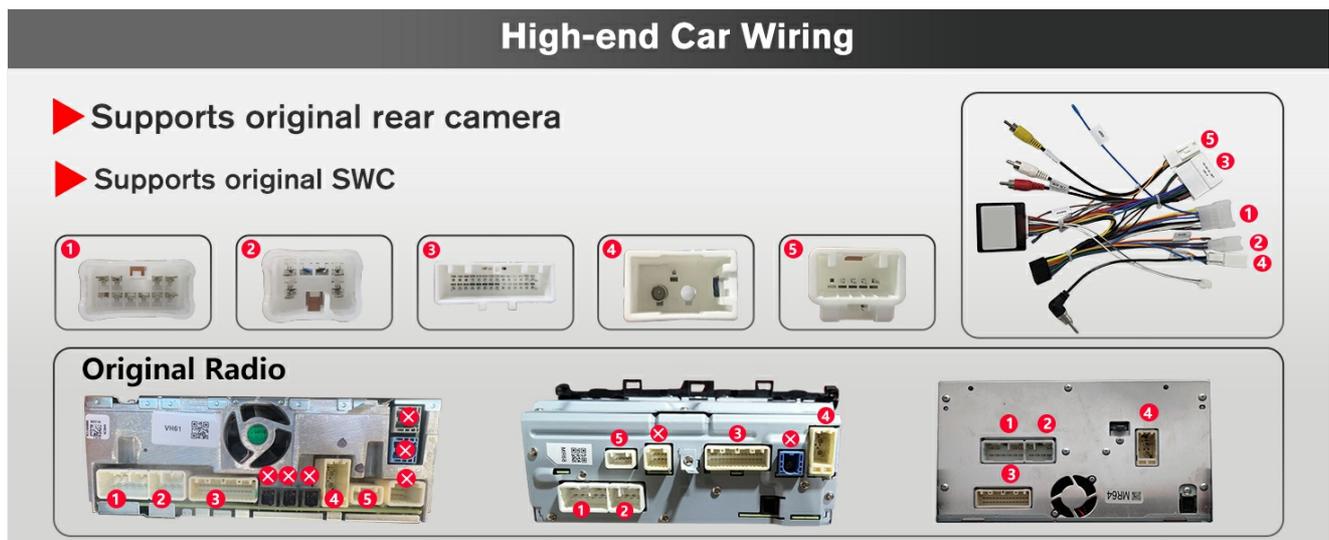### 4.2.1 High-end Car Wiring (Supports original rear camera and SWC)

Image: High-end car wiring diagram for original camera and SWC support.

4.2.2 Low-end Car Wiring (SWC requires manual programming)

Note: This configuration may not support the original rear camera. SWC functionality will require manual programming in the unit's settings.

Image: Low-end car wiring diagram.

4.2.3 Harman Kardon Sound System Connection

If your vehicle has a Harman Kardon sound system and you experience no sound or low sound, ensure the AMP wire in the power cable is connected to the AMP wire in the RCA harness. The AMP wire may be pink or blue. Additionally, adjust settings in Car Settings > Factory > SimpleSoft > Subaru > XP01 / XP02, and in the DSP APP, select 'Full Car Mode'. Finally, in Settings > Factory > Audio AMP, set to 50/100.
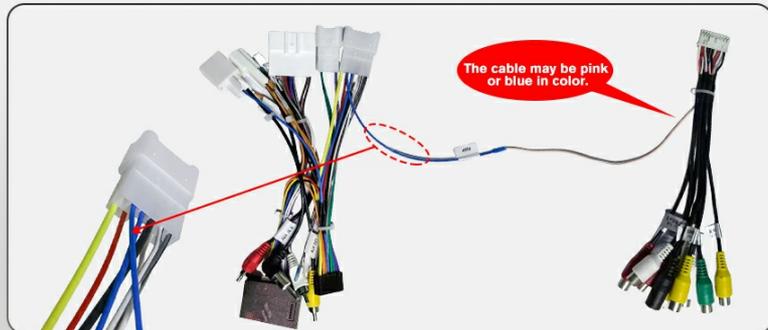

Image: Harman Kardon sound system wiring solution.

4.3 Camera Connections

4.3.1 Factory Rear Camera

Connect the factory camera connectors to the designated inputs on the head unit. For low-profile models, no connection to the P5 (10 Pin) is required.
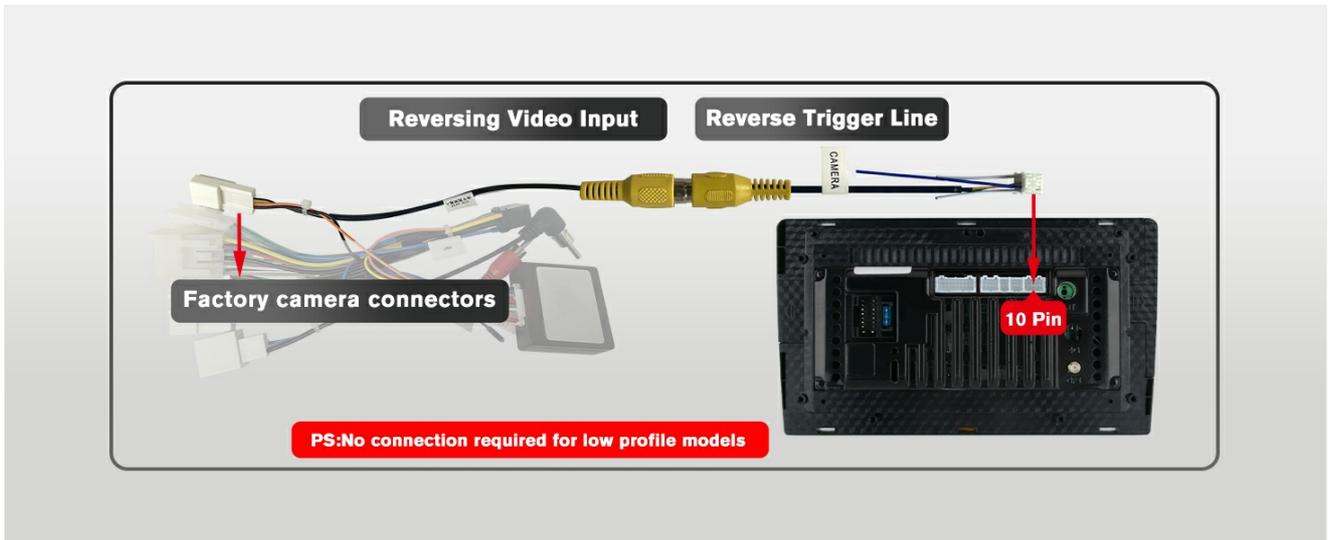
Image: Factory camera connection diagram.

4.3.2 Aftermarket Rear Camera

If using an aftermarket camera, connect the red cable (1) to the backup light's positive (+) terminal and the black cable (2) to ground (GND). Connect the video output to the head unit's reversing video input.

Image: Aftermarket rear camera wiring diagram.
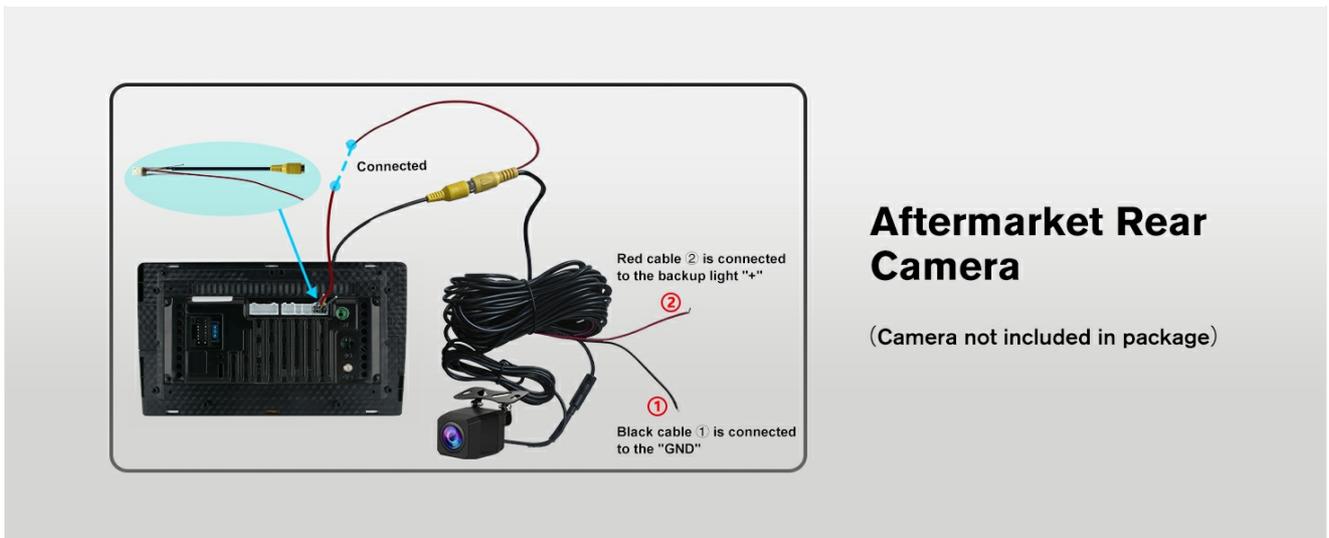
4.4 Reversing Screen Display Note

If your original reversing camera screen was displayed on a small, separate screen, installing this Android unit will not change that functionality. The Android unit cannot alter the definition of the original car's functionality. You will either need to accept this or purchase an aftermarket camera (which is included with this package).

If the original reversing camera screen's were originally displayed on a small screen, then installing an Android screen will not change this. As the Android unit cannot change the definition of the original car's functionality, you will either have to accept this or purchase an aftermarket camera (Package includes a camera).

If you cannot accept this, please purchase with caution.

Image: Explanation of original reversing screen display behavior.

4.5 Frame Compatibility

If your original car radio air conditioning vents are black, you may need a separate black frame as this product has a silver frame. The clips on the back of the frame may be in a different location.

Image: Frame compatibility tip.

5. SETUP

5.1 Initial Power-On

After completing the installation and reconnecting the battery, turn on your vehicle's ignition. The head unit should power on automatically. Follow the on-screen prompts for initial setup, including language selection and time zone.

5.2 Basic Settings

- **Date and Time:** Set the correct date and time, or enable automatic synchronization via GPS/network.
- **Display:** Adjust brightness, backlight, and screen timeout settings for optimal visibility day and night.
- **Sound:** Access the built-in DSP (Digital Sound Processor) to customize audio settings, equalizer, and balance/fader.

6. OPERATING INSTRUCTIONS

6.1 Wireless CarPlay / Android Auto

The head unit supports wireless CarPlay and Android Auto, allowing seamless integration with your smartphone for navigation, music, calls, and more.

1. Open the Zlink5 app on the head unit.

2. Note the Bluetooth name displayed on the Zlink5 screen (e.g., "Car BT").

3. On your smartphone, enable Bluetooth and pair with the device named "Car BT".

4. On your smartphone, enable Wi-Fi and connect to the device's Wi-Fi hotspot.

5. Once successfully connected, CarPlay or Android Auto will launch automatically. You can now use online maps, play music, and access other compatible apps.

Your browser does not support the video tag.

Video: Step-by-step guide on how to connect wireless CarPlay to the AWESAFE head unit.

Image: Wireless CarPlay/Android Auto connection interface.

6.2 Bluetooth Connectivity (Bluetooth 5.0)

Connect your phone via Bluetooth for hands-free calling, music streaming, and contact synchronization. The built-in microphone ensures clear communication.

- Go to the Bluetooth settings on the head unit.

- Enable Bluetooth on your smartphone and search for available devices.

- Select the head unit's Bluetooth name (e.g., "Car BT") to pair.

- Confirm the pairing code on both devices.

Image: Bluetooth 5.0 interface for calls and music.

6.3 GPS Navigation

The unit has a built-in GPS module, supporting both online and offline navigation applications from the Google Play app market. Download your preferred navigation app (e.g., Google Maps, Here WeGo, Waze, Navfree) for reliable guidance.
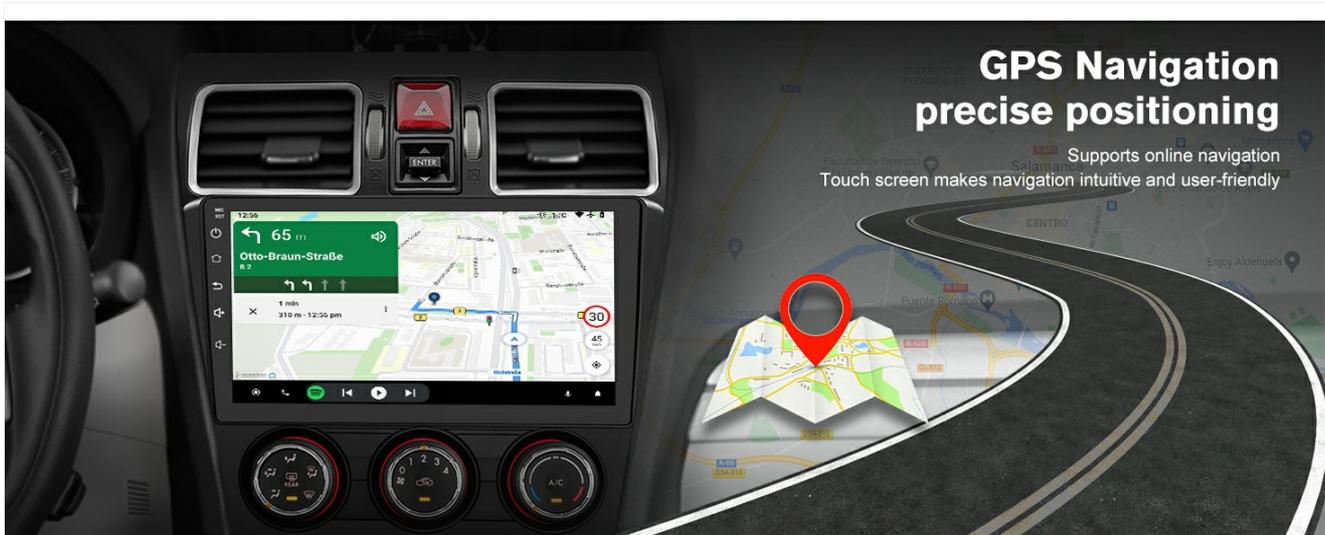

Image: GPS navigation interface.

6.4 Wi-Fi Connection

Connect the head unit to a Wi-Fi hotspot (e.g., from your phone) to access online features, download apps, and stream content.

- Go to Settings > Network & Internet > Wi-Fi.
- Select your desired Wi-Fi network and enter the password if prompted.
- Once connected, you can browse the internet, download apps, and use online services.

Image: Wi-Fi connection and online app usage.

6.5 Steering Wheel Controls (SWC)

The unit supports original steering wheel controls, allowing you to manage audio and calls without diverting your attention from the road. If SWC does not work automatically, manual programming may be required in the unit's settings (e.g., change SWC type from 1 to 2 for some Subaru models).

Image: Steering wheel control interface.

6.6 Split Screen Function

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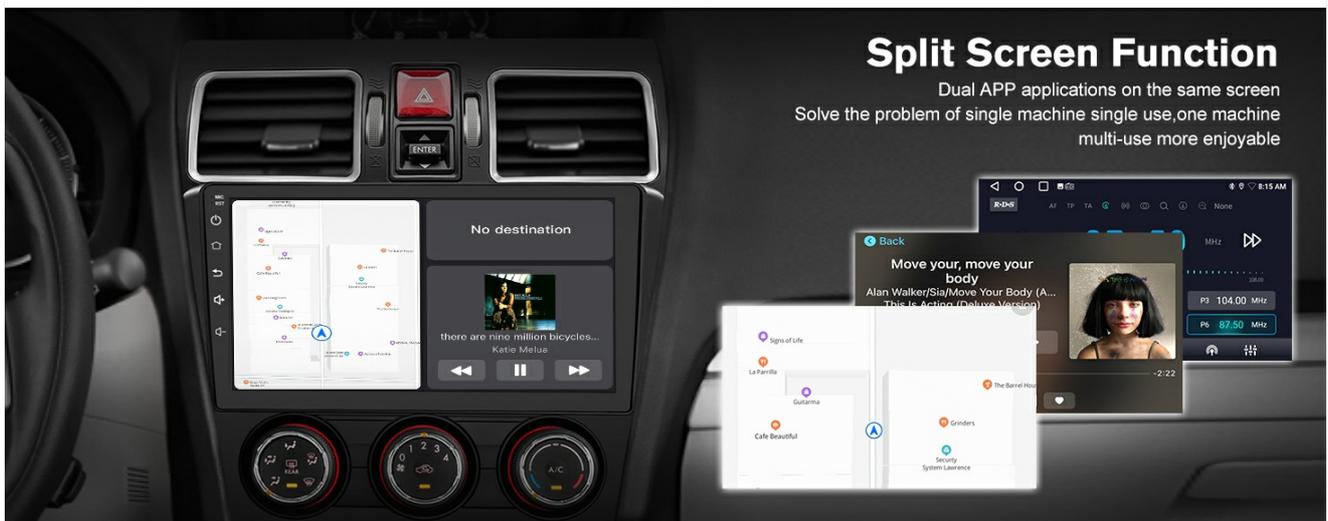

Image: Split screen functionality.

6.7 Radio (FM/AM/RDS)

Access the built-in FM/AM tuner. RDS (Radio Data System) provides additional information like station names and traffic announcements where available.

7. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates through the unit's settings to ensure optimal performance and access to new features. Connect to Wi-Fi to download updates.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing it to extreme temperatures.

8. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
No sound or low sound	Incorrect AMP wire connection for Harman Kardon systems; DSP settings.	Refer to Section 4.2.3 for Harman Kardon wiring. Check DSP APP settings for 'Full Car Mode' and Audio AMP settings.
Backup camera not working	Incorrect wiring; incompatible camera type; software setting.	Verify camera wiring (Section 4.3). Ensure the correct camera input is selected in settings. If using a factory camera, confirm compatibility.
Steering Wheel Controls (SWC) not functioning	Incorrect CanBus connection; SWC type mismatch; manual programming required.	Check CanBus connection. In settings, try changing SWC type (e.g., from Type 1 to Type 2). Perform manual SWC programming if necessary.
Unit does not power on	Power cable not connected; blown fuse; vehicle battery issue.	Verify power cable connections. Check vehicle fuses. Ensure vehicle battery is charged.
Wireless CarPlay/Android Auto connection issues	Bluetooth/Wi-Fi not enabled or paired correctly; Zlink5 app not running.	Ensure Bluetooth and Wi-Fi are enabled and correctly paired (Section 6.1). Restart the Zlink5 app.

9. SPECIFICATIONS

- **Operating System:** Android 13
- **RAM:** 4GB
- **ROM:** 64GB
- **Display Size:** 9 Inches
- **Connectivity:** Bluetooth 5.0, Wi-Fi (5GHz support), USB
- **Navigation:** Built-in GPS module (supports online/offline maps)
- **Multimedia:** CarPlay, Android Auto, FM/AM/RDS Radio, DSP, Multi-format music/video playback
- **Compatibility:** Subaru Forester, WRX, Impreza 2015-2018 (Suitable for Harman Kardon Systems)
- **Included Components:** Car radio, power cable, microphone, GPS antenna, rear view input cable, 2 USB cables, CanBus, installation tools, RCA cable, AHD backup camera.
- **Item Weight:** 4.62 pounds
- **Package Dimensions:** 14.65 x 12.6 x 5.67 inches

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This AWESAFE car radio stereo comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

10.2 Return and Exchange Policy

Enjoy a **30-day hassle-free return and exchange policy** from the date of purchase. Please refer to the retailer's specific return guidelines for detailed instructions.

10.3 Customer Support

AWESAFE offers after-sales technical support to assist you with installation and operational issues. For any inquiries or assistance, please contact our customer support team:

- **Email:** us.support@awesafeinc.com
- Our support team aims to respond within 24 hours.

Image: AWESAFE Customer Support.