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› AWESAFE Android 13 Car Radio for BMW 5 Series (E60, E61, E63, E64) and 3 Series (E90, E91, E92) - 8.8 inch Touchscreen User Manual

AWESAFE 5ab15685-b991-4ded-b41c-5879c6ca4594

AWESAFE Android 13 Car Radio User Manual

Model: 5ab15685-b991-4ded-b41c-5879c6ca4594

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AWESAFE Android 13 Car Radio. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage. Keep this manual for future reference.

SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended. Incorrect installation can lead to vehicle damage or malfunction.
- **Power Disconnection:** Always disconnect the vehicle's battery before beginning any installation or maintenance to prevent electrical shorts and damage.
- **Wiring:** Ensure all wiring connections are secure and properly insulated to avoid short circuits. Refer to the wiring diagram provided with your product.
- **Driving Safety:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

CarPlay & Android Auto

Avec une connexion sans fil, vous pouvez utiliser votre smartphone avec un assistant Voix intelligente ou écran tactile où vous pouvez naviguer, passer des appels, Envoyez et recevez des messages, écoutez de la musique, etc.



Image: Components included in the AWESAFE Android 13 Car Radio package.

- AWESAFE Android 13 Car Radio Main Unit
- SIM Card Slot (for 4G connectivity)
- GPS Antenna
- Main Connection Cable
- 4G Antenna Module
- USB Cable
- Installation Screwdriver

COMPATIBILITY

This AWESAFE Android 13 Car Radio is specifically designed for the following BMW models and years:

- BMW 5 Series: E60, E61, E63, E64 (2004-2008)
- BMW 3 Series: E90, E91, E92 (2004-2008)

Important: Compatibility depends on your vehicle's original multimedia system. This unit is compatible with vehicles equipped with the **CCC System (10-pin LVDS connector)**. It is **NOT compatible with the CIC System (4-pin LVDS connector)**.

 SIM		 Radio Connecteur LVDS 10 broches	
 GPS Antenne		 Câble de connexion	
 Module d'antenne 4G		 Câble de USB	
		 Tournevis	

Image: Visual guide to distinguish between CCC (10-pin LVDS) and CIC (4-pin LVDS) systems for compatibility. Please verify your vehicle's original system type by checking the LVDS plug at the back of your original display unit before installation.

SETUP AND INSTALLATION

Installation requires careful attention to detail. It is recommended to seek professional assistance if you are not familiar with car audio system installations.

Pre-Installation Checks:

- Ensure the vehicle's battery is disconnected.
- Confirm your vehicle has the compatible CCC system.
- Gather all necessary tools (screwdriver, trim removal tools, etc.).

Installation Steps:

1. **Remove Original Display:** Carefully remove the original car radio display and trim panels to access the wiring and mounting points.
2. **Connect Wiring:** Connect the main power harness, LVDS cable, GPS antenna, 4G antenna, and USB cables to the new AWESAFE unit and the vehicle's existing wiring. Ensure all connections are secure.
3. **Mount New Unit:** Securely mount the AWESAFE Android 13 Car Radio into the dashboard opening.
4. **Test Functionality:** Before reassembling the dashboard, reconnect the battery and perform initial tests to ensure the unit powers on, audio works, and basic functions are accessible.
5. **Reassemble:** Carefully reassemble all trim panels and components.

Initial System Configuration:

After installation, some settings may need adjustment. The following image illustrates common initial setup steps:



Image: Initial configuration steps for the AWESAFE Android 13 Car Radio.

1. Step 1: Vehicle Information Settings

- Access "Car Info" on the main screen.
- Navigate to "Factory Head Unit Parameter Setting".
- Select "Original menu Resolution adjustment (automatic)" or "Adaptive Resolution".

2. Step 2: Rear Camera Type (if applicable)

- From "Car Info", go to "General Setting".
- Select "Rear Camera Type" and choose the appropriate format for your camera. This step can be ignored if no

camera is installed.

3. Step 3: AUX Input Selection

- On the main screen, select "Multimedia".
- Choose "External devices".
- Select "AUX" to enable audio input from the original car system.

Note: Some BMW models may require AUX activation via vehicle coding (e.g., with a diagnostic tool) if not already present.

OPERATING INSTRUCTIONS

Your AWESAFE Android 13 Car Radio offers a wide range of features for an enhanced driving experience.

Switching Between Original and Android Systems

The unit allows seamless switching between the original BMW iDrive system and the Android interface. This ensures that all original vehicle functions are retained.



Image: Seamless switching between the original car system and the Android system.

The unit also supports original car features such as speakers, CD player, and iDrive control.

Prise en charge de la carte SIM 4G

Une fois que l'autoradio se connecte au WiFi ou insère une carte SIM, vous pouvez utiliser la navigation en ligne et installer l'APP.



Image: Retention of original car features.

CarPlay and Android Auto

Connect your smartphone wirelessly or via USB to access CarPlay or Android Auto. This allows for navigation, calls, messages, and music streaming directly from your phone's interface on the car radio screen.



Image: CarPlay interface in use.



Image: Android Auto interface in use.

To set up wireless CarPlay/Android Auto, ensure your phone's Bluetooth is on and paired with the car radio. Some configurations may require setting the Wi-Fi Hotspot band to 2.4GHz in the unit's network settings for stable wireless connection.

Bluetooth Connectivity

Pair your smartphone via Bluetooth for hands-free calling and audio streaming. Access your phonebook, dial numbers, and play music directly from your device.



Image: Bluetooth hands-free calling feature.

GPS Navigation

The integrated GPS module provides accurate navigation. You can use pre-installed maps or download your preferred navigation apps from the Google Play Store when connected to the internet.



Image: GPS navigation in action.

Wi-Fi and 4G Connectivity

Connect to Wi-Fi hotspots or insert a 4G SIM card (if supported by your model) for internet access. This enables online navigation, streaming services, app downloads, and real-time updates.



Image: Wi-Fi and 4G connectivity for online features.

Digital Sound Processor (DSP)

Utilize the built-in DSP to customize your audio experience. Adjust equalizer settings (Flat, Pop, Rock, Jazz, Classic, User) and sound field to optimize sound quality for your vehicle's acoustics.



Image: DSP settings for audio customization.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can usually be found in the system settings or on the manufacturer's website.
- **Environmental Conditions:** Protect the unit from extreme heat, cold, and direct moisture.
- **Cable Connections:** Occasionally check that all cables are securely connected, especially after driving on rough terrain.

TROUBLESHOOTING

If you encounter issues with your AWESAFE Android 13 Car Radio, refer to the following common solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No Power / Unit Does Not Turn On	Loose power connection, blown fuse, incorrect wiring.	Check all power cables and fuses. Ensure the main harness is correctly connected. Verify vehicle battery is charged.
No Sound / Audio Issues	AUX input not selected, loose audio cables, volume too low, original system not properly integrated.	
Cannot Return to Original Car System	Loose LVDS connector.	Check the 10-pin LVDS connector. Ensure it is fully seated and not dislodged during reassembly.
Wireless CarPlay/Android Auto Not Connecting	Incorrect Wi-Fi hotspot band, Bluetooth pairing issue.	Ensure your phone is paired via Bluetooth. In the unit's settings, navigate to Network/internet -> Hotspot -> Wifi Hotspot -> Advanced -> ApBand and set it to 2.4GHZ. Restart the unit and try reconnecting.
Touchscreen Unresponsive	Software glitch, temporary freeze.	Restart the unit (turn off vehicle ignition and restart). If the problem persists, perform a factory reset (note: this will erase all user data).
Unit Randomly Shuts Off/Restarts	Unstable power supply, loose connection, software issue.	Check power connections. Ensure the unit is receiving stable power. Consider a software update or factory reset.

If these solutions do not resolve the issue, please contact AWESAFE customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	AWESAFE
Model Number	5ab15685-b991-4ded-b41c-5879c6ca4594
Operating System	Android 13
RAM	4 GB
Storage	64 GB
Screen Size	8.8 inches
Display Type	Touchscreen
Connectivity Technology	Bluetooth, USB, Wi-Fi, 4G
Controller Type	Android

Feature	Detail
Compatible Devices	Smartphone
Total HDMI Ports	1
Audio Output Mode	Stereo
Surround Sound Channel Configuration	Stereo
Color	Black
Number of Channels	2
Internet Applications	Browser, Netflix, YouTube
Digital Media Format	4K
GTIN/UPC	759973894054

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official AWESAFE website. If you require technical assistance, troubleshooting beyond this manual, or have questions regarding your product, please contact AWESAFE customer support.

AWESAFE Customer Support: Refer to your purchase invoice or the AWESAFE official website for contact details.

Online Resources: Additional support, FAQs, and software updates may be available on the AWESAFE brand store or product page.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question