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› User Manual: Inexaccessories Android Car Stereo for BMW 3 Series (E46)

Inexaccessories 4+64G Android 12 Car Stereo for BMW 3 Series 1999-2005 (E46)

User Manual: Inexaccessories Android Car Stereo for BMW 3 Series (E46)

Model: 4+64G Android 12 Car Stereo for BMW 3 Series 1999-2005 (E46)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Inexaccessories 4+64G Android 12 Car Stereo. This unit is specifically designed for BMW 3 Series E46 models manufactured between 1999 and 2005, offering advanced features such as wireless CarPlay/Android Auto, GPS navigation, Bluetooth connectivity, and a high-definition IPS touch screen.

Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience with the product.

SAFETY INFORMATION

- Always ensure the vehicle is parked safely before operating the stereo's advanced functions.
- Do not attempt to disassemble or modify the unit. This may cause damage and void the warranty.
- Keep the unit away from water and excessive moisture.
- Ensure all wiring is correctly connected to prevent short circuits or electrical hazards. If unsure, consult a professional installer.
- Adjust volume to a safe level to maintain awareness of road conditions and traffic.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Main Head Unit (9-inch IPS Touch Screen)
- RCA Cables
- Backup Camera & Cable
- Power Cable

- GPS Antenna
- User Manual (this document)



Figure 1: Main head unit and included accessories, including the backup camera and external microphone.

PRODUCT FEATURES

The Inexaccessories Android Car Stereo is equipped with a range of features designed to enhance your driving experience:

- **Android 12 Operating System:** Built-in 4GB RAM + 64GB ROM for smooth operation and app installation.
- **Wireless Apple CarPlay & Android Auto:** Seamless smartphone integration for navigation, calls, messages, and music.
- **GPS Navigation:** Supports both offline and online navigation with pre-installed maps and compatibility with popular navigation apps.
- **Bluetooth 5.2:** Hands-free calling and wireless audio streaming with stable connectivity.
- **9-inch IPS HD Touch Screen:** 1024x600 resolution with high sensitivity and wide viewing angles for clear visuals.
- **Split-Screen Mode:** Run two applications simultaneously on the screen.
- **Steering Wheel Control (SWC):** Compatible with your vehicle's existing steering wheel controls for safe operation.
- **Backup Camera Support:** Automatic display of rear view when reversing, with waterproof night vision camera included.
- **Multi EQ Settings & DSP:** Customize audio output with various equalizer presets and Digital Sound Processing.

- **FM/RDS Radio:** High-performance radio tuner with RDS for enhanced station information.
- **Wi-Fi Connectivity:** Connect to Wi-Fi hotspots for online surfing, app downloads, and streaming.



Figure 2: Overview of core system features including Android 12, 4GB RAM + 64GB ROM, EQ settings, and the responsive HD touchscreen.

SETUP AND INSTALLATION

1. Pre-Installation Checks

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Confirm compatibility with your BMW 3 Series (E46) model (1999-2005).

2. Wiring Connections

Connect the provided cables to the corresponding ports on the head unit and your vehicle's wiring harness. Refer to your vehicle's specific wiring diagram if necessary.

- **Power Cable:** Connect to vehicle's power, ground, and accessory wires.
- **RCA Cables:** For external amplifiers or video output/input.
- **GPS Antenna:** Mount in a location with a clear view of the sky (e.g., dashboard, corner of windshield).
- **Backup Camera:** Connect the camera cable to the designated input on the head unit and power the camera from the vehicle's reverse light circuit.

3. Mounting the Head Unit

Carefully install the head unit into the dashboard opening, ensuring all cables are neatly tucked away and not pinched. Secure the unit using the vehicle's mounting brackets or screws.

4. Initial Power-On

Reconnect the vehicle's battery. Turn on the ignition. The unit should power on and display the boot screen. Follow any on-screen prompts for initial setup.

OPERATING INSTRUCTIONS

1. Basic Navigation

The 9-inch IPS touch screen allows for intuitive control. Swipe left/right to navigate between home screens, tap icons to open applications, and use the back/home buttons on the unit or screen for navigation.

2. Wireless CarPlay & Android Auto

Wireless Carplay / Android Auto / Mirror Link



Figure 3: Visual representation of Wireless CarPlay, Android Auto, and Mirror Link connections.

- **For Wireless CarPlay (iOS):**

1. Ensure Bluetooth and Wi-Fi are enabled on your iPhone.
2. On the car stereo, open the "CarPlay" or "Zlink" app.
3. Pair your iPhone with the car stereo via Bluetooth. Once paired, CarPlay will automatically connect via Wi-Fi.

- **For Wireless Android Auto (Android):**

1. Ensure Bluetooth and Wi-Fi are enabled on your Android phone.
2. On the car stereo, open the "Android Auto" or "Zlink" app.
3. Pair your Android phone with the car stereo via Bluetooth. Android Auto will then connect wirelessly.

Voice commands (Siri/Google Assistant) can be activated through the stereo once connected.

3. GPS Navigation



Figure 4: Display showing both online and offline GPS navigation capabilities, alongside Wi-Fi connectivity for app downloads and streaming.

The unit comes with pre-installed offline maps. To use online navigation (e.g., Google Maps), connect the stereo to a Wi-Fi hotspot (from your phone or a dedicated device).

- Open the "Navigation" or "Maps" application.
- Enter your destination or select a point of interest.
- Follow the voice and visual prompts for turn-by-turn directions.

4. Bluetooth Operation



Figure 5: Bluetooth 5.2 interface displaying options for calls, phonebook, music playback, and general Bluetooth settings, with an emphasis on hands-free communication via the included microphone.

- **Pairing:** Go to "Settings" > "Bluetooth" on the stereo. Enable Bluetooth on your phone and search for the stereo's device name. Select it to pair.
- **Hands-free Calling:** Once paired, you can make and receive calls directly from the stereo screen. The built-in noise-canceling MIC and external microphone ensure clear communication.
- **Audio Streaming:** Play music from your phone wirelessly through the stereo.

5. FM/RDS Radio



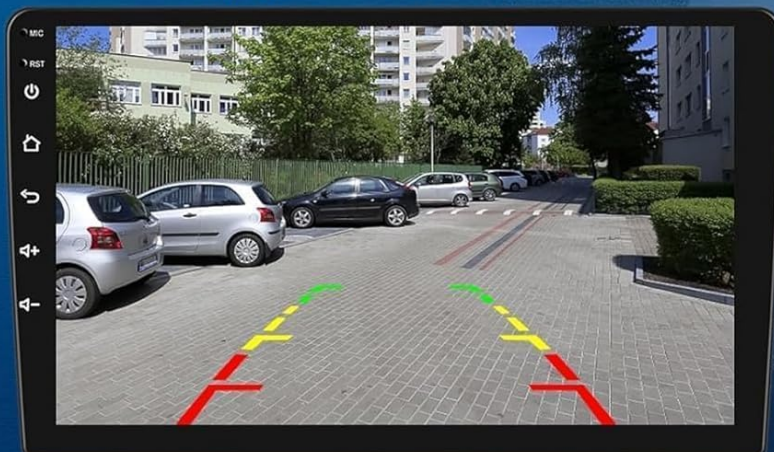
Figure 6: User interface showing voice control features, Bluetooth 5.2 connectivity, and the FM/RDS radio tuner with station display.

- Open the "Radio" application.
- Use the scan function to find available stations or manually tune to a frequency.
- Save your favorite stations as presets for quick access.
- RDS (Radio Data System) provides additional information like station name and song title where available.

6. Steering Wheel Control (SWC)

HD Rear View Camera

When reversing, reversing image will be automatically displayed on the touch screen



HD
FULLHD



Waterproof



170° Wide Angle



Night Vision

Steering Wheel Control:

Easily switch songs, radio channels and adjust the volume, more convenient to operate and safer to drive

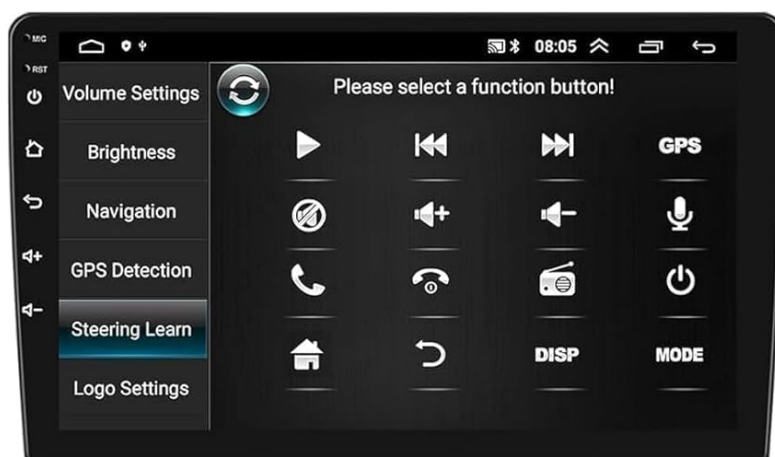


Figure 7: Screen showing the HD rear view camera display with parking guidelines, and the steering wheel control learning interface for custom button assignments.

To configure your steering wheel controls:

- Go to "Settings" > "Steering Learn" or "SWC Settings".
- Follow the on-screen instructions to assign functions (e.g., volume up/down, next/previous track) to your vehicle's steering wheel buttons.

7. Backup Camera

When the vehicle is shifted into reverse gear, the stereo will automatically display the feed from the connected backup camera, providing a clear view of the area behind your vehicle for safer parking and maneuvering.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn marks, a slightly damp cloth with a mild, non-abrasive cleaner can be used, then wipe dry immediately. Do not use harsh chemicals or abrasive materials.

- **Software Updates:** Periodically check the manufacturer's website or the unit's settings for available software updates to ensure optimal performance and access to new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive dust.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Disconnected battery.	Check power cable connections; Inspect vehicle's fuse box; Ensure battery is connected.
No sound from Bluetooth/YouTube/Apps (but radio works)	Incorrect audio output settings; App volume too low; Bluetooth connection issue.	Check stereo's audio output settings (e.g., ensure correct input is selected); Increase app volume; Re-pair Bluetooth device; Restart the stereo. If problem persists, check wiring to external amplifier if used.
GPS signal lost or inaccurate	GPS antenna not properly installed or obstructed; Poor satellite reception.	Ensure GPS antenna has a clear view of the sky; Check antenna connection to the unit.
CarPlay/Android Auto not connecting	Bluetooth/Wi-Fi off on phone; Incorrect app selected on stereo; Phone software outdated.	Enable Bluetooth/Wi-Fi on phone; Ensure correct app (CarPlay/Android Auto/Zlink) is open; Update phone's OS; Restart both phone and stereo.
Touch screen unresponsive	Temporary software glitch; Screen protector interference.	Restart the unit; Check if screen protector is causing issues.

SPECIFICATIONS

Feature	Detail
Operating System	Android 12 (Note: Product title states Android 12, feature bullets mention Android 13. Please refer to product packaging for definitive version.)
RAM	4GB
ROM	64GB
Display Size	9 Inches
Resolution	1024 x 600 IPS HD Touch Screen
Bluetooth Version	5.2
Connectivity	Bluetooth, Wi-Fi, USB
Special Features	DSP, RDS, Android Auto, Apple CarPlay, Split-Screen, Steering Wheel Control, Backup Camera Support

Feature	Detail
Audio Output Mode	Stereo (4*50W amplification)
Item Weight	3.25 pounds
Package Dimensions	14.33 x 8.62 x 4.96 inches
Vehicle Service Type	Car (BMW 3 Series E46 1999-2005)

WARRANTY AND SUPPORT

Warranty Information

This product comes with a **1-Year Warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

For warranty claims, please retain your proof of purchase.

Customer Support

If you encounter any issues or have questions regarding your Inexaccessories car stereo, please contact our customer support team. Refer to the contact information provided on your product packaging or the seller's platform for assistance.

When contacting support, please have your product model number (B0DGL7ZXTT) and a detailed description of the issue ready.