

GTZX

Generic GTZX Linux Android Wireless Carplay Auto Radio Screen User Manual

Model: GTZX | Compatible with BMW 1 Series E87 (2006-2012)

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Generic GTZX Linux Android Wireless Carplay Auto Radio Screen. Please read this manual thoroughly before use to ensure proper functionality and safety.

- **Smooth and intelligent infotainment experience:** Thanks to the lightweight design of the Linux system, it boots up quickly, runs smoothly, and responds promptly to operations, eliminating lag and delays.
- **Seamless multi-device connectivity:** Supports various connection methods such as Bluetooth and Wi-Fi, enabling effortless data synchronization between your mobile phone and the in-vehicle infotainment system. Switch between navigation and music at will.
- **Personalized system customization:** With the high degree of freedom of the Linux system, you can adjust the interface layout and theme style according to your personal preferences, creating an exclusive in-vehicle interactive interface.
- **Stable, reliable security protection:** The Linux system has a robust security mechanism, effectively resisting cyber threats and providing solid protection for driving data and privacy.
- **Continuous functional iteration and upgrades:** Relying on the open - source ecosystem of Linux, you can continuously obtain new functions and optimized updates, maintaining the advanced nature and practicality of the in-vehicle infotainment system.



Figure 1: Generic GTZX Linux Android Wireless Carplay Auto Radio Screen main unit.

This image displays the main unit of the Carplay Auto Radio Screen, showcasing its sleek design and user interface.

2. COMPATIBILITY AND INSTALLATION OVERVIEW

This unit is designed for BMW 1 Series E87 models manufactured between 2006 and 2012, specifically for vehicles *without* an original display head unit. It is not compatible with vehicles equipped with CIC or CCC systems.

Applicable Models



Figure 2: Applicable BMW 1 Series E87 models and incompatible systems.

This image illustrates the compatibility requirements, showing that the unit is for models without an original screen and is not suitable for vehicles with CIC (4-pin LVDS) or CCC (10-pin LVDS) systems.

2.1 Before and After Installation

The installation process replaces the existing dashboard panel with the new 10.25-inch display, integrating seamlessly into the vehicle's interior.

Before And After Installation

For BMW1 Series E81/E82/E87/E88(2006-2012) **Idrive Linux System**



Figure 3: Visual comparison of the dashboard before and after installing the GTZX unit.

This image shows the vehicle's dashboard before installation, featuring a standard panel, and after installation, with the new 10.25-inch display integrated.

3. OPERATING INSTRUCTIONS

3.1 Wireless CarPlay and Android Auto

The unit supports wireless CarPlay for iPhone and wireless Android Auto for Android phones, allowing for seamless integration of your smartphone's features onto the car's display.

Wireless Carplay And Android Auto



Connect the Android phone to
Android in with USB or Bluetooth



Wireless Android Auto

Connect the iPhone to Android
Screen with USB or Bluetooth



Wireless Carplay

Figure 4: Overview of Wireless CarPlay and Android Auto connectivity.

This image demonstrates how to connect an Android phone to Android Auto and an iPhone to CarPlay wirelessly via USB or Bluetooth.

3.2 Bluetooth Connectivity

The built-in smart Bluetooth system supports mobile phone pairing for hands-free dialing and audio streaming. This feature enhances driving safety by allowing you to manage calls and music without distraction.

Support BT

Built-in smart Bluetooth system, can support mobile phone Bluetooth pairing, hands-free dialing support steering wheel button street listening, accompanying chat to ensure your driving safety



Figure 5: Bluetooth pairing and hands-free calling interface.

This image shows the Bluetooth interface on the screen, displaying a phone dial pad and the Bluetooth logo, indicating hands-free communication support.

3.3 Camera Functionality

The unit supports the vehicle's original reverse camera and parking radar. It also allows for the integration of aftermarket reverse cameras, 360-degree cameras, and front-view camera DVRs (CVBS input).

Camera Function

Support factory original reverse camera parking radar

Support aftermarket reverse camera and 360 camera

Support front view camera DVR (CVBS input)



Figure 6: Reverse camera view displayed on the screen with parking guidelines.

This image shows the screen displaying a reverse camera feed with dynamic parking lines, indicating support for various camera inputs.

4. TROUBLESHOOTING

4.1 Screen Resolution Adjustment

If the screen displays incorrectly or with static, the resolution may need adjustment. Follow the steps in the video below to correct the screen resolution.

Your browser does not support the video tag.

Video 1: Screen resolution adjustment guide.

This video demonstrates how to navigate the system settings to adjust the screen resolution, specifically to "800x480", to resolve display issues.

4.2 Resolving No Sound Issues

If you experience no sound from the unit, please follow the detailed steps in the video below. This typically involves checking OEM system settings, Bluetooth connections, AUX harness, and ISO harness connections.

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Video 2: Guide to fix no sound issues.

This video provides a step-by-step guide to troubleshoot and resolve common no-sound problems, covering settings adjustments and physical cable checks.

4.3 CarPlay Module Operation

For a comprehensive understanding of how the CarPlay module functions within your BMW, refer to the video below.

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Video 3: How the CarPlay module works.

This video demonstrates the operational aspects of the CarPlay module, including navigation and media playback.

4.4 Using OEM Bluetooth for Calls in CarPlay

Learn how to utilize your vehicle's original Bluetooth system for making and receiving calls while using CarPlay. This ensures optimal audio quality and integration with your car's existing features.

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Video 4: OEM Bluetooth for calls in CarPlay.

This video illustrates the process of configuring and using the original equipment manufacturer (OEM) Bluetooth for phone calls within the CarPlay environment.

5. SPECIFICATIONS

Feature	Detail
Brand	Generic
Model Name	GTZX
Operating System	Linux
Screen Size	10.25 Inches
Display Size	10.25 Inches
Connectivity Technology	Bluetooth
Special Feature	Bluetooth
Voice Command	Touchscreen
Map Type	North America
Item Weight	0.65 Pounds (10.4 ounces)
Package Dimensions	16 x 13 x 5 inches
Vehicle Service Type	Car

6. WHAT'S IN THE BOX

- Power cable
- Generic GTZX Linux Android Wireless Carplay Auto Radio Screen Unit
- Required installation harnesses and accessories (as per product packaging)

7. WARRANTY AND SUPPORT

The Generic GTZX Linux Android Wireless Carplay Auto Radio Screen comes with a **1-Year Warranty** from the date of purchase.

For technical support, troubleshooting assistance, or warranty claims, please contact the manufacturer or your retailer. Ensure you have your purchase receipt and product model number (GTZX) available when seeking support.

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