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> GTRUI 10.25" Car Stereo Instruction Manual for BMW X5 F15 X6 F16 (2014-2017) NBT System

GTRUI 10.25"2014-2017

GTRUI 10.25" Car Stereo Instruction Manual

MODEL: 10.25"2014-2017 FOR BMW X5 F15 / X6 F16 (2014-2017) NBT SYSTEM

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GTRUI 10.25" Car Stereo. This unit is designed to integrate seamlessly with BMW X5 F15 and X6 F16 models manufactured between 2014 and 2017, specifically those equipped with the NBT system. It enhances your vehicle's infotainment system with Wireless CarPlay and Android Auto functionality while retaining original vehicle features.



Figure 1: GTRUI 10.25" Car Stereo with CarPlay interface.

The 10.25-inch IPS display features a 1920x720 pixel resolution, offering clear visuals. Its glass-to-glass laminated screen design minimizes air and dust accumulation, providing enhanced clarity and contrast.



Figure 2: Seamless integration of CarPlay and Android Auto into the BMW X5 dashboard.

2. WHAT'S INCLUDED

Verify that all components listed below are present in your package:

- Head Unit with bezel
- Wiring Harness Cable
- AUX Extension Cable
- USB Cable
- User Manual



Figure 3: Product and included accessories.

3. SETUP & INSTALLATION

3.1. Compatibility Check

This unit is compatible with BMW X5 F15 and X6 F16 models (2014-2017) equipped with the NBT system. To confirm your vehicle's compatibility, verify the presence of the following NBT system features:

- A 6-Pin LVDS port at the OEM screen.
- A 'Media' button on the iDrive controller.
- The BMW original system UI should resemble the NBT interface.

✓ Features of NBT System



A 6 Pin LVDS port



Media button



Touch pad controller

NOTE: The OEM system interface does not sure that you have the NBT system. Please kindly check these 3 features all together!



A BMW Connected Drive interface

Figure 4: Identifying NBT System features.

3.2. General Installation Notes

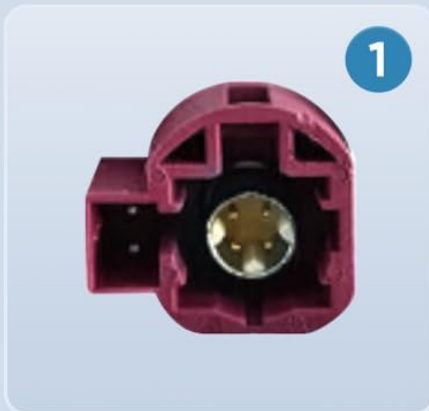
Installation involves replacing your car's original screen and connecting the new unit via the provided wiring harness adapter. While designed for straightforward integration, professional installation is recommended if you are unfamiliar with car electronics to ensure proper functionality and avoid damage.

Applicable Models & Years

For BMW X5 F15 / X6 F16 (2014-2017) NBT System



NBT Features



6-Pin LVDS port at the OEM screen



Media button on iDrive controller



BMW original system UI

Figure 5: Before and After installation comparison.

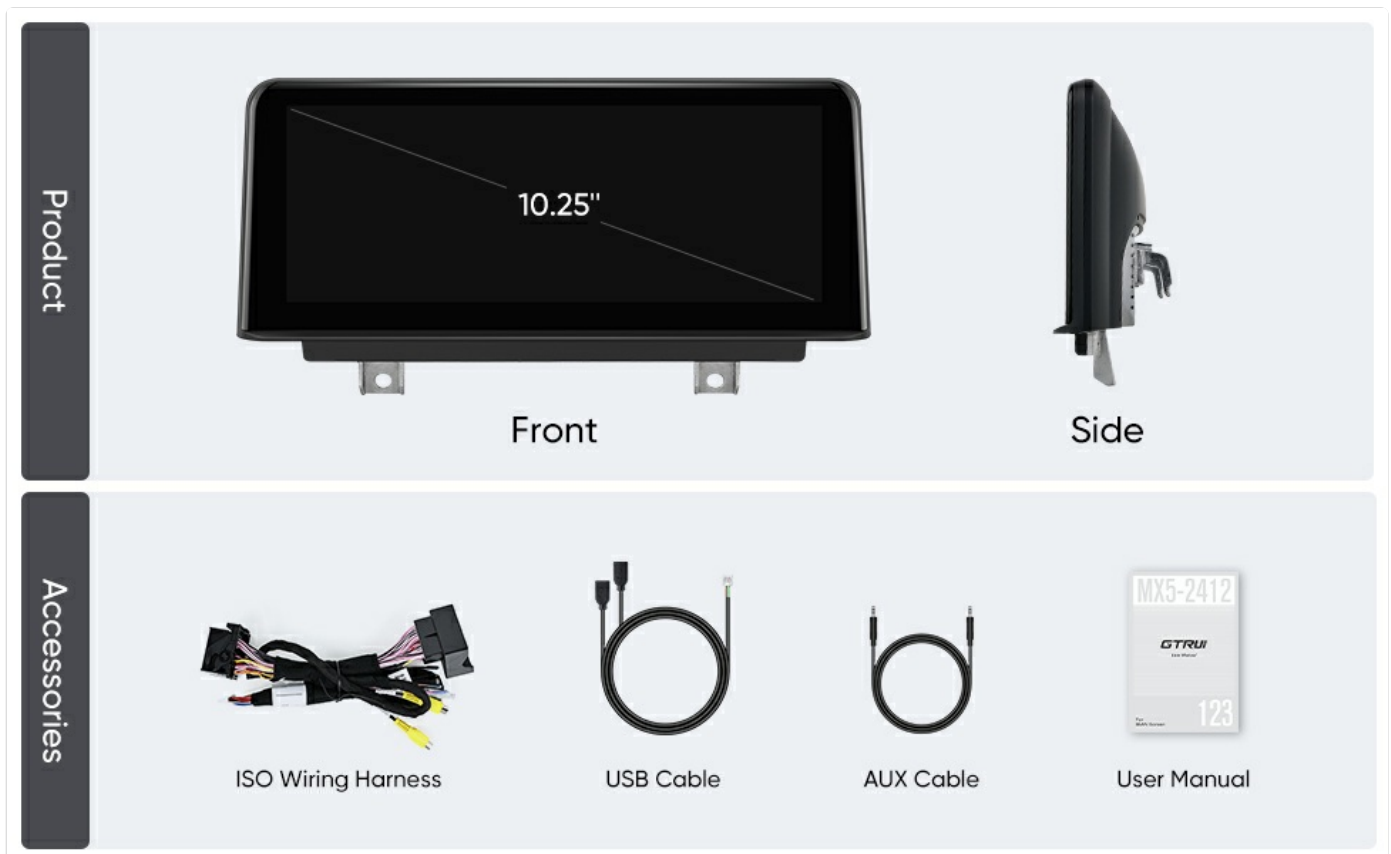


Figure 6: Overview of the complete installation kit.

4. OPERATING INSTRUCTIONS

4.1. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth to enable CarPlay or Android Auto. Once paired, your phone's interface will be displayed on the 10.25" screen, providing access to navigation, calls, messages, and music.



Figure 7: Interacting with the CarPlay interface.

Smartphone Wirelessly

Simply pair the Bluetooth, CarPlay or Android Auto will be automatically connected. The GPS navigation map of you will be displayed on the large screen



Carplay

Wireless Connection

✔ Bluetooth



Android Auto

Wireless Connection

✔ Bluetooth

Figure 8: Wireless CarPlay and Android Auto connectivity.

4.2. Voice Commands

Utilize voice commands for hands-free operation. Say "Hey Siri" or "OK Google" to activate your smartphone's voice assistant for navigation, making calls, sending messages, and playing music.

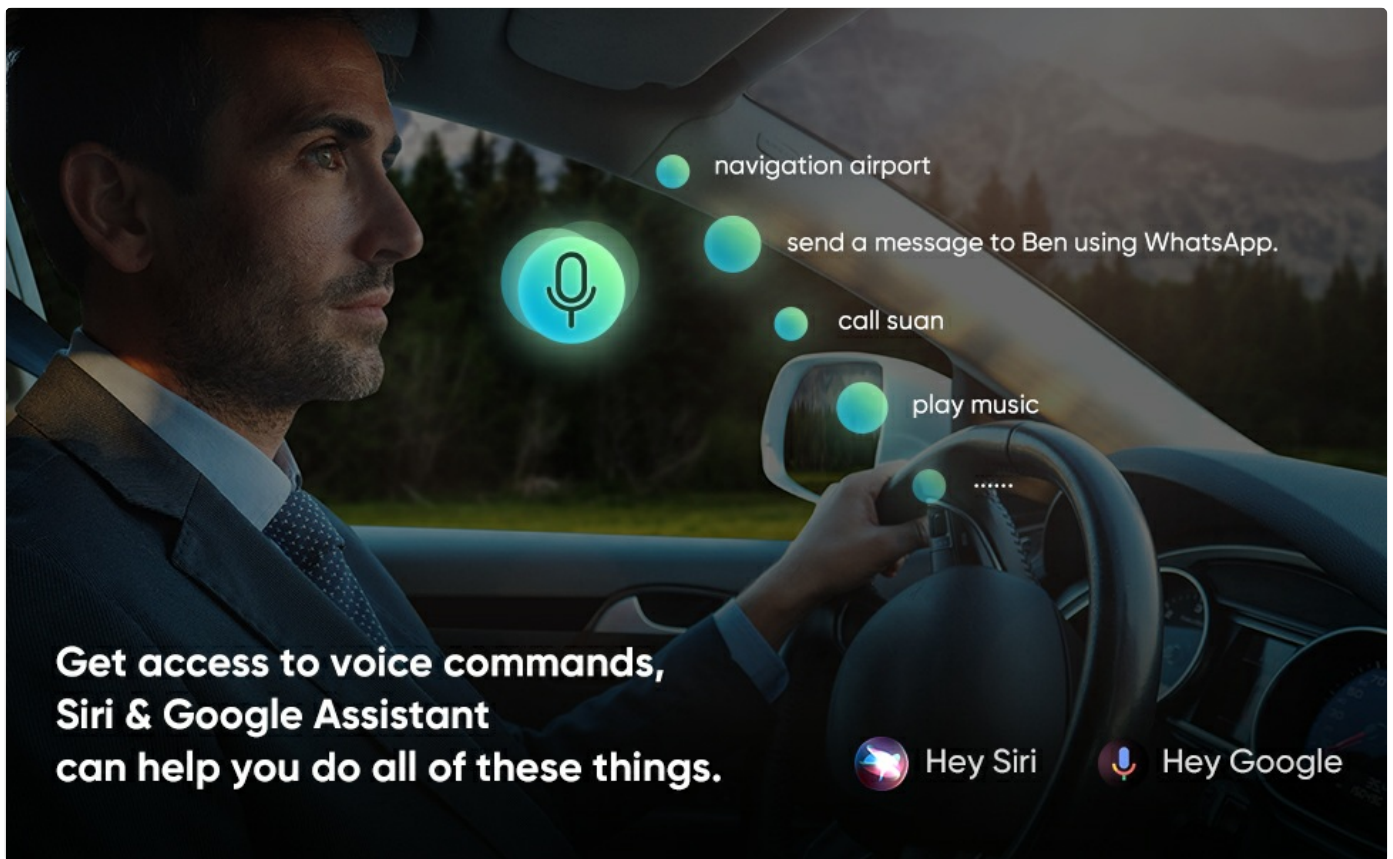


Figure 9: Using voice commands for hands-free control.

4.3. Retained Original Functions

The GTRUI Car Stereo is designed to work with all original BMW vehicle functions, ensuring no loss of existing features:

Works with All Original Functions

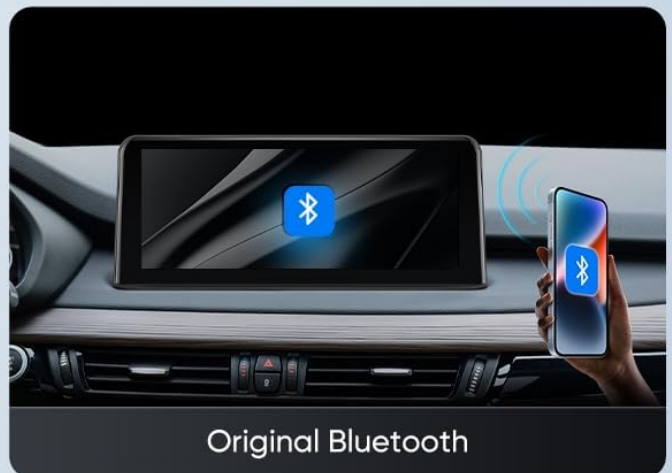
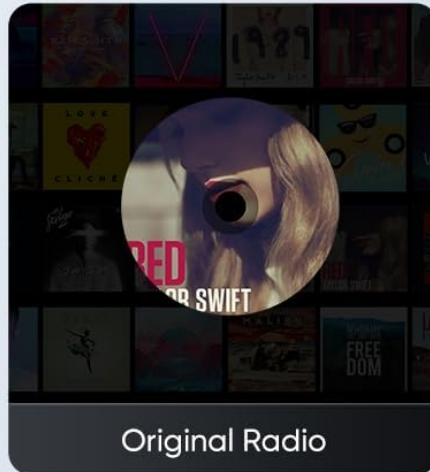
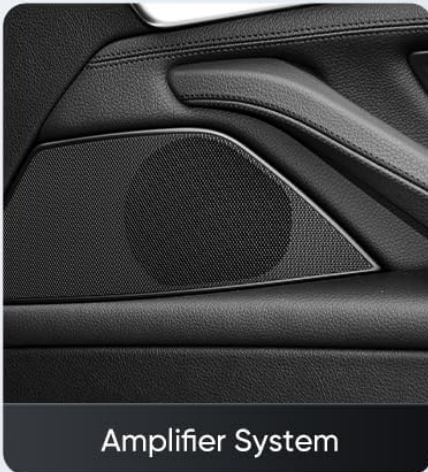


Figure 10: Overview of retained original BMW functions.

- **iDrive System:** Full functionality of your original iDrive controller is maintained.
- **Original Fiber Optic Sound System:** Audio quality and system integrity are preserved.
- **Original Radio & CD Player:** Access to your vehicle's native radio and CD functions remains.
- **Original Bluetooth:** Your vehicle's factory Bluetooth system continues to operate.
- **Backup Camera Display:** The original backup camera feed is displayed on the new screen.

- **Steering Wheel Control (SWC) Function:** Control audio and other functions directly from your steering wheel.

5. MAINTENANCE

To ensure the longevity and optimal performance of your GTRUI Car Stereo, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates from GTRUI to ensure you have the latest features and performance enhancements. Follow the instructions provided with the update package.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your GTRUI Car Stereo, refer to the following common problems and solutions:

- **No Power/Screen Not Turning On:**
 - Check all power connections and ensure they are securely seated.
 - Verify that the vehicle's ignition is on.
 - Inspect fuses related to the car stereo system.
- **Laggy Performance / Unresponsive Touchscreen:**
 - Ensure your smartphone is not running too many background applications, which can affect wireless performance.
 - Restart both your smartphone and the car stereo unit.
 - If recording video from your phone while using CarPlay/Android Auto, this may cause temporary lag.
- **Audio Issues (Muffled Sound, Distortion):**
 - Verify that the fiber optic cable (if applicable) is fully seated and undamaged.
 - Check all audio wiring connections.
 - Adjust equalizer settings on both the car stereo and your connected smartphone.
 - Ensure the AUX input is correctly selected and functioning.
- **Wireless CarPlay/Android Auto Not Connecting:**
 - Ensure Bluetooth is enabled on your smartphone and the car stereo.
 - Forget the device from your phone's Bluetooth settings and re-pair.
 - Some smartphones may require a wired connection for Android Auto.
- **Original Functions Not Working:**
 - Double-check all wiring harness connections, especially those related to the iDrive system and steering wheel controls.
 - Confirm that your vehicle is indeed an NBT system as per the compatibility check.

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

7. SPECIFICATIONS

Brand	GTRUI
Model Number	10.25"2014-2017
Screen Size	10.25 Inches
Display Type	LCD, IPS
Resolution	1920x720 Pixels
Touch Screen Type	Capacitive, Glass to Glass (Fully laminated)
Operating System	Linux
Connectivity Technology	Bluetooth, USB, Wireless Android Auto, Wireless CarPlay
Control Method	Touch, Voice
Audio Output Mode	Stereo
Supported Navigation System	GPS (Map Type: North America)
Compatible Vehicle Type	SUV (BMW X5 F15, X6 F16)
Item Weight	1.79 Kilograms

8. WARRANTY & SUPPORT

GTRUI provides a **1-Year Manufacturer Warranty** for this product. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any inquiries, please contact GTRUI customer service via Amazon email. Our support team will respond as soon as possible to assist you.