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> NINETOM 12.3-inch Ultra-Narrow Touchscreen Wireless CarPlay Android Auto Receiver User Manual for BMW X3 X4 F25/F26 (2011-2012) CIC System

ninetom 12.3-inch Ultra-Narrow Touchscreen Receiver

NINETOM 12.3-inch Ultra-Narrow Touchscreen Wireless CarPlay Android Auto Receiver User Manual

Model: 12.3-inch Ultra-Narrow Touchscreen Receiver | Brand: NINETOM

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NINETOM 12.3-inch Ultra-Narrow Touchscreen Wireless CarPlay Android Auto Receiver. This device is designed to upgrade your vehicle's infotainment system while retaining original functionalities.

2. COMPATIBILITY INFORMATION

This touchscreen receiver is specifically compatible with the following vehicle models and system types:

- **Vehicle Series:** BMW X3 X4 Series F25 / F26
- **Model Years:** 2011–2012
- **Original System:** CIC System only. This unit is **not** compatible with NBT, EVO, or CCC systems.

It is crucial to verify your car's original system type before installation. Refer to the images below for visual identification of compatible and incompatible systems.

Compatible with BMW X3/X4 Series F25 F26 with CIC System

Step 1. Please make sure your car model and year is correct firstly.

SYSTEM	CIC
MODEL	X3/X4 Series F25 F26
YEAR	2011-2012



Step 2. Please check your original car radio homescreen menu picture.



CIC System



NBT System



EVO System



CCC System

Image 2.1: Compatibility chart for BMW X3/X4 Series F25/F26 with CIC System. This image illustrates how to identify your car's original system by checking the main menu display. A green checkmark indicates compatibility with the CIC system, while red crosses indicate incompatibility with NBT, EVO, and CCC systems.

Is this compatible with my car ?

Note : Please ensure that your car system is CIC. You can check our picture for reference. If you're unsure, you can ask for assistance.

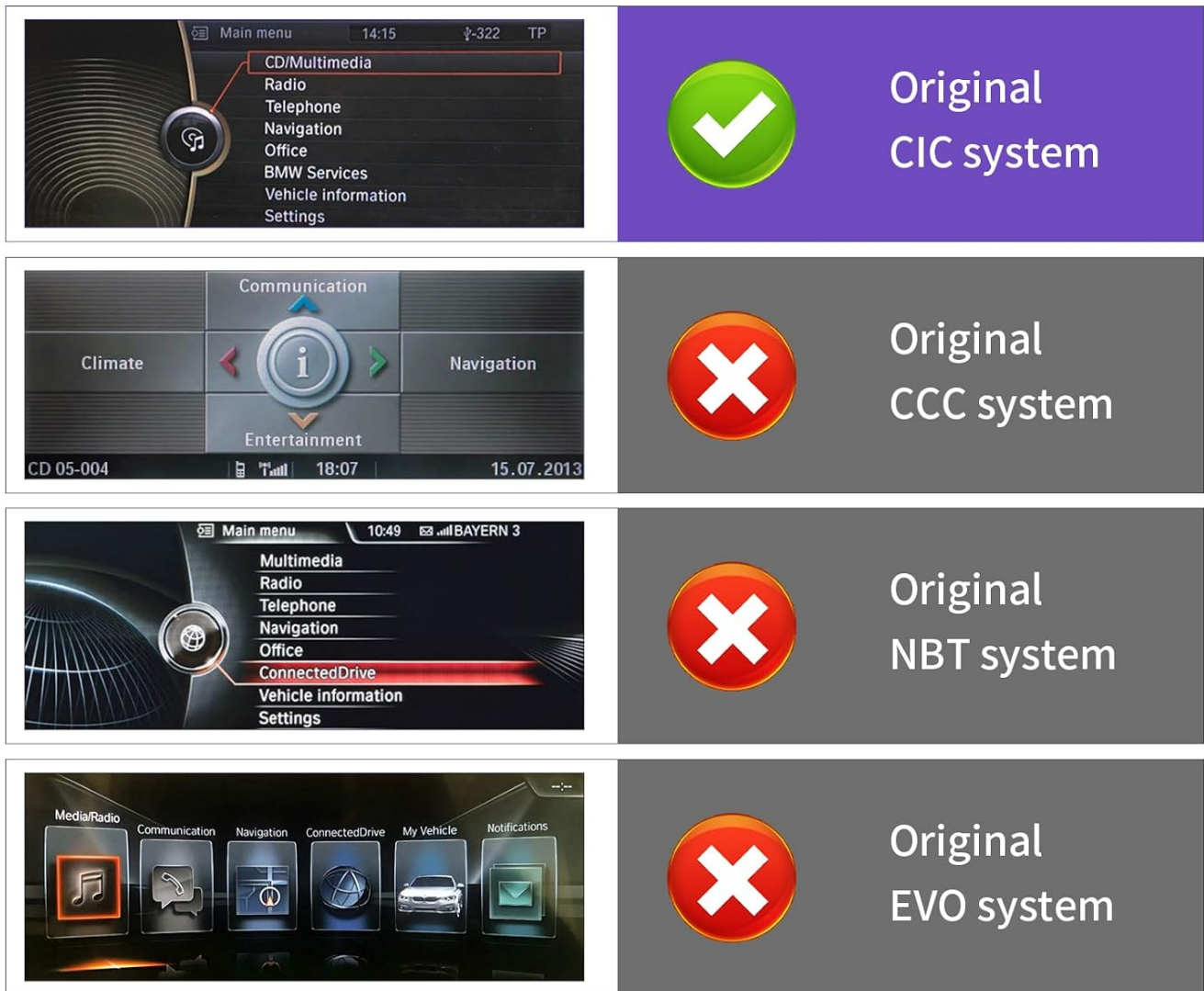


Image 2.2: Detailed compatibility check for original car systems. This image provides a clearer view of the main menu interfaces for CIC, CCC, NBT, and EVO systems, helping users confirm their vehicle's system type.

3. KEY FEATURES

- **12.3-inch HD Touchscreen:** Features a 1920×720 IPS display with ultra-narrow bezels and a premium aluminum body. IN-CELL full lamination technology reduces glare by up to 75%.
- **Wireless & Wired CarPlay/Android Auto:** Seamless integration with your smartphone for navigation, calls, messages, and music via Siri or Google Assistant. Supports mirror projection.
- **Dual System Switching:** Effortlessly switch between the Linux interface and your vehicle's original system with a single button press.
- **Retains Original Car Functions:** Preserves factory radio, amplifier, joystick controls, steering wheel controls, original reversing camera, and other vehicle software functions.
- **Linux System:** Provides stable performance without freezing or lag.
- **Day and Night Mode:** Automatic light sensitivity adjusts display brightness based on your car's original headlights.

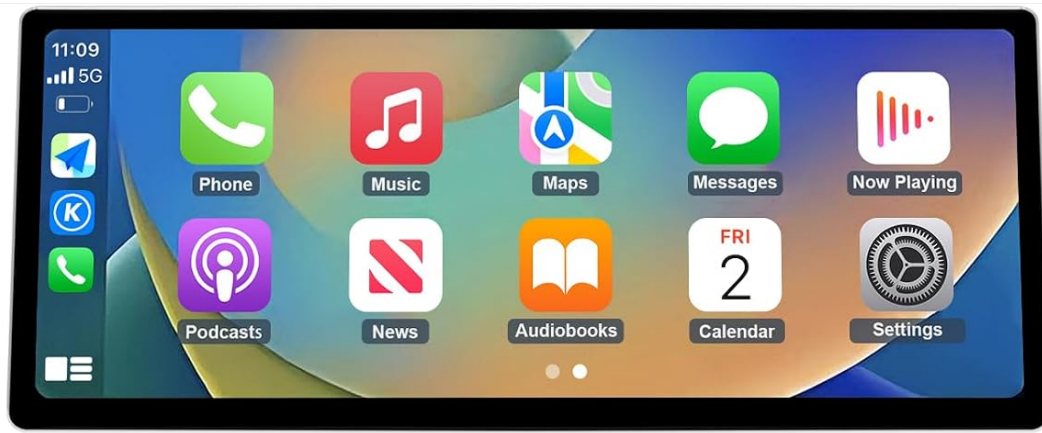


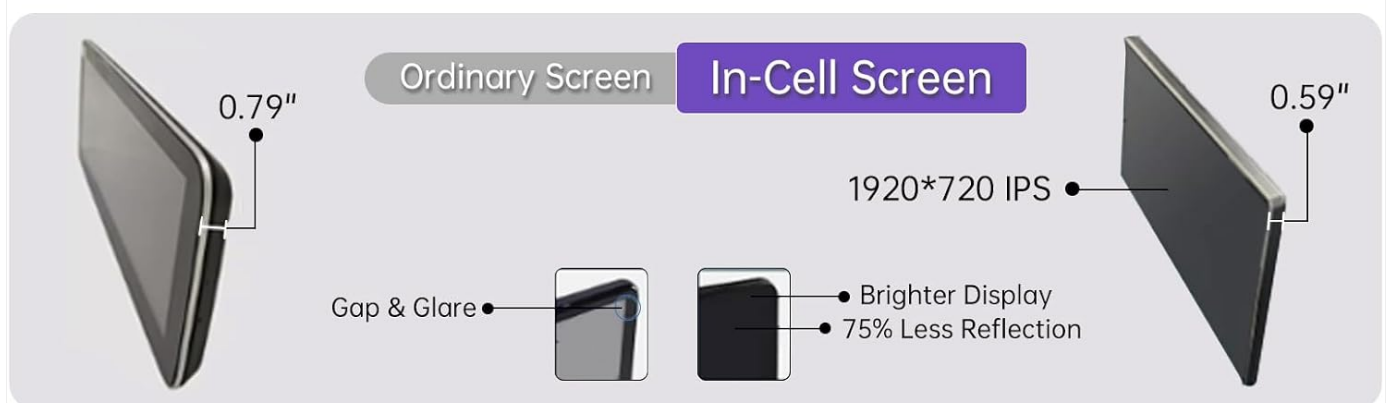
Image 3.1: The NINETOM 12.3-inch touchscreen displaying the CarPlay interface, shown both as a standalone unit and integrated into a BMW dashboard. This highlights the modern display and its integration.



Wide Bezel
Previous-Generation Design



Narrow Bezel
New-Generation Design



The latest in-cell screen features full lamination and a slim bezel, providing dustproof, waterproof, and anti-fog protection for improved durability.

Image 3.2: Comparison illustrating the design improvements of the new generation screen, featuring a narrow bezel and in-cell technology for better clarity and reduced glare compared to previous designs.

Ultra 1920x720 Resolution

1920x720P



Other



720X480P

Other



1280X480P

Ours



1920X720P

Image 3.3: Resolution comparison demonstrating the visual difference between 720x480P, 1280x480P, and the NINETOM unit's 1920x720P display, emphasizing enhanced image quality.

4. SETUP AND INSTALLATION

Installation of this unit requires removing parts of the dashboard to connect the necessary wiring. While the installation does not damage original wiring or affect factory warranty, professional installation is highly recommended if you are not confident in performing the procedure yourself.

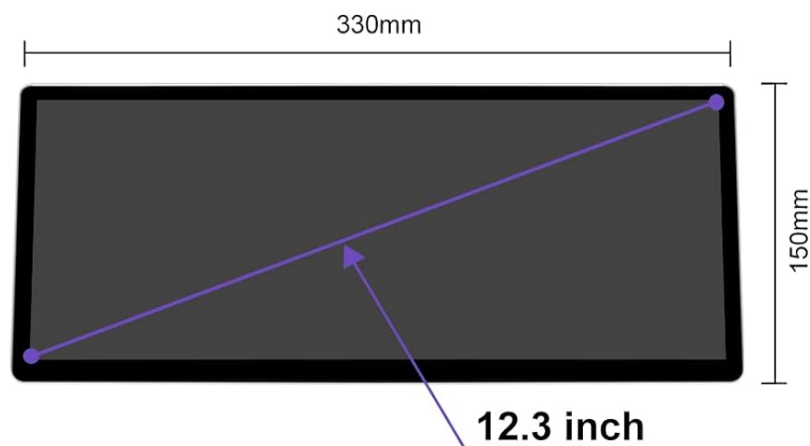
4.1. Pre-Installation Check

- Confirm your vehicle's compatibility (BMW X3/X4 F25/F26, 2011-2012, CIC system).
- Ensure all components listed in the package contents are present.

4.2. Package Contents

The package includes the 12.3-inch touchscreen unit and the following accessories:

Product size and Accessories List



Power cable



USB cable



AUX cable



Bracket

Image 4.1: Product size and accessories list. This image displays the dimensions of the 12.3-inch screen and the included components: power cable, USB cable, AUX cable, and mounting bracket.

- Power cable
- USB cable
- AUX cable
- Mounting bracket

4.3. Installation Steps (General Guidance)

1. Carefully remove the necessary dashboard trim pieces to access the original head unit.
2. Disconnect the original head unit's cables.
3. Connect the provided power cable, USB cable, and AUX cable to the new NINETOM unit and the vehicle's wiring harness as per the wiring diagram (refer to the detailed installation guide provided separately or contact support).
4. Mount the new screen using the provided bracket.
5. Before reassembling the dashboard, test all functions of the new unit, including audio, touchscreen response, CarPlay/Android Auto connectivity, and system switching.
6. Once all functions are verified, carefully reassemble the dashboard.

Day And Night Mode

Automatic light sensitivity adjusts the day and night mode according to your car's original headlights



Image 4.2: Before and after installation comparison. This image visually demonstrates the transformation of the car's interior, showing the original smaller screen replaced by the larger, modern 12.3-inch NINETOM display.

5. OPERATING INSTRUCTIONS

5.1. Dual System Switching

To switch between the NINETOM Linux interface and your vehicle's original CIC system, simply long-press the "OEM Car Info" button on the unit or your car's controls. This allows seamless transition without modifying your car's original software.

Quick System Switch

Just Hold the "OEM Car Info" Button to Instantly Change Between Systems.



Image 5.1: Quick System Switch. This diagram illustrates the process of switching between the new NINETOM interface and the original car interface by holding the "OEM Car Info" button.

5.2. CarPlay and Android Auto

The unit supports both wireless and wired CarPlay and Android Auto. Once connected, you can access navigation, communication, and entertainment apps directly on the touchscreen. Use voice assistants like Siri or Google Assistant for hands-free operation.

- **Wireless Connection:** Follow the pairing instructions on the screen to connect your smartphone via Bluetooth and Wi-Fi.
- **Wired Connection:** Connect your smartphone using a USB cable to the designated USB port.
- **Mirror Projection:** Sync your smartphone screen to the unit for displaying videos, maps, and other content.

How to Change the Boot Logo ?



- ① Create a PNG image with a resolution of 1920×720P.
- ② Rename the file to updatelogo.png.
- ③ Place the file in the root directory of a USB drive.
- ④ Insert the USB drive into the system — a prompt will appear asking you to confirm the logo change.
- ⑤ Restart the system for the new logo to take effect.

Image 5.2: Support for Wireless/Wired CarPlay & Android Auto. This image demonstrates the unit's capability to connect smartphones for integrated navigation, music, and hands-free calls, along with screen mirroring.

5.3. Day and Night Mode

The unit automatically adjusts its display brightness and color scheme between day and night modes based on your car's original headlight status. This ensures optimal visibility in varying light conditions.

Support original Car Settings



Original Car System



Original Stereo Sound



Original Reverse System,
Support Aftermarket Rear Camera



Keep Original CD player



Original Steering Wheel Control



Original Idrive Knob Control

Image 5.3: Day and Night Mode. This image illustrates the automatic adjustment of the screen's display mode (day or night) based on the car's headlight activation, enhancing visibility.

5.4. Customizing Boot Logo

You can personalize the boot-up screen with a custom logo:

1. Create a PNG image with a resolution of 1920×720 pixels.
2. Rename the file to **updatelogo.png**.
3. Place this file in the root directory of a USB drive.
4. Insert the USB drive into the unit's USB port. A prompt will appear asking you to confirm the logo change.
5. Confirm the change and restart the system for the new logo to take effect.

6. MAINTENANCE

To ensure the longevity and optimal performance of your NINETOM touchscreen receiver, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronics screens. Dampen the cloth slightly with water or a screen-cleaning solution if necessary. Avoid harsh chemicals, abrasive materials, or excessive moisture.
- **Software Updates:** Periodically check the manufacturer's website or contact support for any available software updates to ensure the system runs efficiently and securely.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for prolonged periods, as this can affect its performance and lifespan.

7. TROUBLESHOOTING

If you encounter issues with your NINETOM touchscreen receiver, consider the following common solutions:

- **No Power/Screen Not Turning On:**
 - Check all power cable connections to ensure they are securely seated.
 - Verify the vehicle's fuse for the infotainment system.
- **No Audio:**
 - Ensure the AUX cable is correctly connected.
 - Check the volume levels on both the NINETOM unit and your car's original audio system.
 - Confirm that the correct audio input source is selected on the NINETOM unit.
- **CarPlay/Android Auto Not Connecting:**
 - For wireless connection, ensure Bluetooth and Wi-Fi are enabled on your smartphone and correctly paired.
 - For wired connection, try a different USB cable or USB port.
 - Restart both your smartphone and the NINETOM unit.
- **System Lag/Freezing:**
 - Restart the unit.
 - Ensure no excessive applications are running in the background (if applicable to the Linux system).
- **Original Car Functions Not Working:**
 - Verify that the dual system switching is functioning correctly and you are in the original car system mode when expecting original functions.
 - Recheck all wiring connections, as incorrect connections are a common cause.

For persistent issues, please contact NINETOM customer support. Many issues can be resolved through remote assistance.

8. SPECIFICATIONS

Screen Size	12.3 inches
Resolution	1920×720 IPS
Operating System	Linux
Connectivity	Wireless/Wired CarPlay, Wireless/Wired Android Auto, Mirror Projection
Compatibility	BMW X3 X4 Series F25/F26 (2011–2012) with CIC System
Dimensions (Package)	13.43 x 7.95 x 6.34 inches
Item Weight	4.51 pounds (2.05 Kilograms)
Special Feature	Digital Display Screen

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The NINETOM 12.3-inch Ultra-Narrow Touchscreen Receiver comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

9.2. Installation Assistance and Customer Support

NINETOM offers comprehensive installation assistance and customer support. If you encounter any difficulties during installation or operation, or if you have questions, please do not hesitate to contact our support team. Our team is experienced in resolving common issues related to cable connections and settings.

For support, please visit the [NINETOM Store on Amazon](#) or refer to the contact information provided with your product packaging.

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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.

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