

ninetom RT-LN-NBT-10-1/2S-DE

Ninetom 10.25-inch Car Radio Touch Screen User Manual

Model: RT-LN-NBT-10-1/2S-DE | Brand: Ninetom

INTRODUCTION

This manual provides detailed instructions for the Ninetom 10.25-inch car radio touch screen. This device is designed to upgrade the infotainment system in specific BMW models, offering enhanced features while retaining original vehicle functionalities.

Compatibility

This car radio touch screen is compatible with **BMW 1/2 Series F20, F21, F22, F23 models from 2011-2016** that are equipped with the **NBT system**. It is crucial to verify your car's existing system before installation to ensure proper functionality. If unsure, consult a professional.

Key Features

- **Wireless/Wired CarPlay & Android Auto:** Seamless integration with iOS and Android smartphones for navigation, calls, messages, and music.
- **Mirrorlink Functionality:** Synchronize your smartphone's display (maps, videos, etc.) directly to the 10.25-inch HD capacitive touch screen (1920x720 resolution).
- **GPS Navigation:** Supports various navigation software.
- **Original Function Retention:** Preserves all original car functions, including the factory radio, amplifier, joystick control, and original reverse camera.
- **One-Button System Switching:** Easily switch between the new Linux system interface and the original vehicle system.

SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these guidelines may result in injury, damage to the device, or damage to your vehicle.

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.

- Do not attempt to operate the device in a way that distracts you from driving.
- Avoid exposing the device to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Only use approved accessories and wiring.
- If you are unsure about any part of the installation process, seek professional assistance.

SETUP AND INSTALLATION

Pre-Installation Check

Before proceeding with installation, confirm that your BMW 1/2 Series (F20, F21, F22, F23, 2011-2016) is equipped with the NBT system. Refer to the image below for visual guidance on identifying compatible systems.

Does this device fit for my car?

Note : Before you purchase , please make sure your car system is NBT system firstly. If you can't make sure by yourself , you can get help from us.



----- CCC system



----- CIC system



----- Fit for NBT system



Figure 1: Compatibility check for BMW systems. The device is compatible with NBT systems (indicated by a green checkmark) and not with CCC or CIC systems (indicated by red crosses).

General Installation Overview

The installation process is designed to be non-destructive, meaning no permanent modifications to your vehicle's wiring are required. It primarily involves removing the original car screen and connecting the provided cables. Detailed installation instructions are included with the product accessories.



Figure 2: Before and After Installation Comparison. This image illustrates the visual upgrade from the original car screen to the Ninetom 10.25-inch touch screen.

Product Accessories

The package includes all necessary accessories for installation. The back bracket may vary depending on the specific model.

Product Accessories List

Note : Back bracket different depend on model

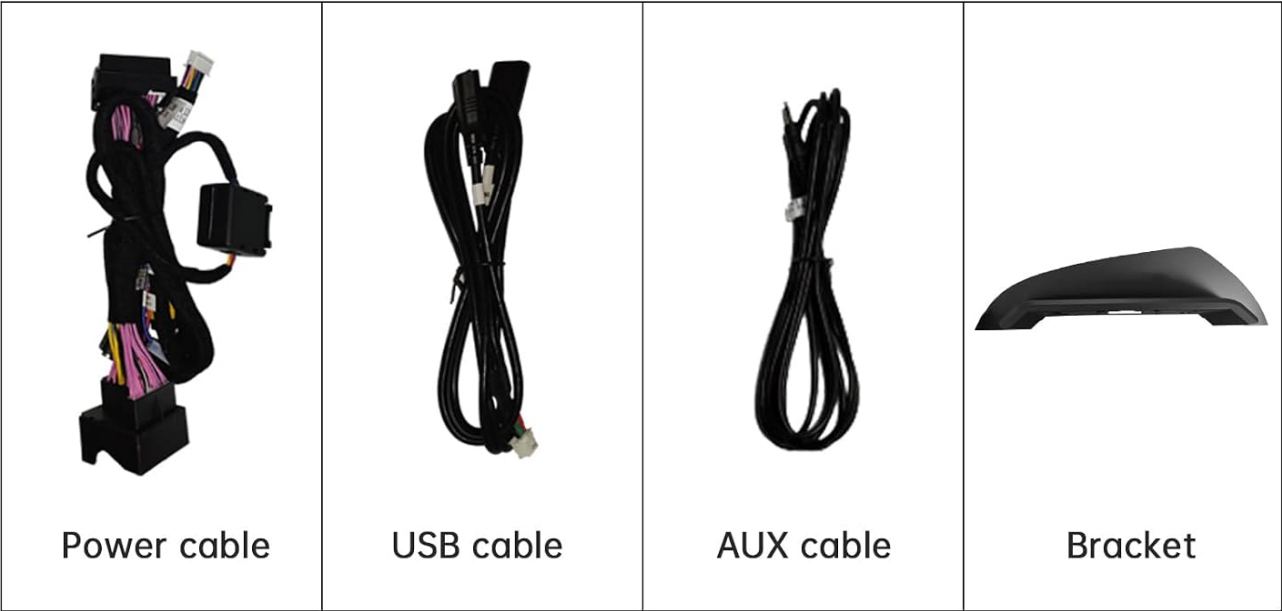
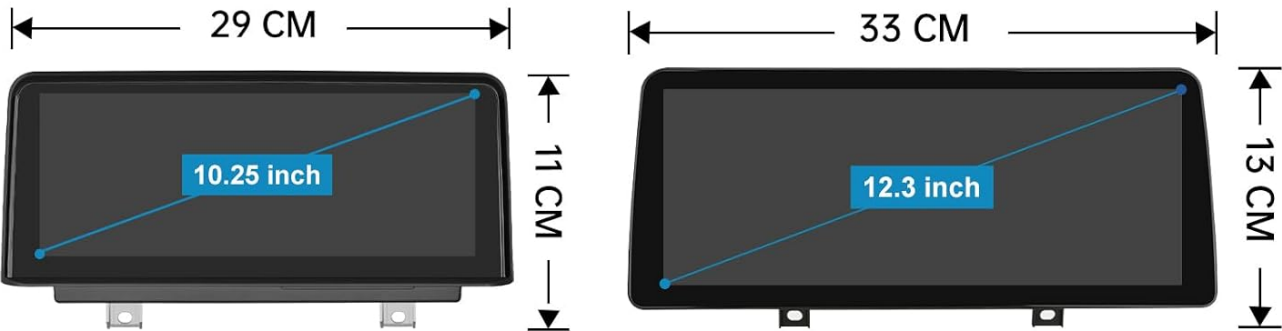


Figure 3: Product Accessories List. This image displays the power cable, USB cable, AUX cable, and mounting bracket included with the unit. It also shows the physical dimensions of the 10.25-inch and 12.3-inch screen variants.

OPERATING INSTRUCTIONS

CarPlay and Android Auto

The unit features built-in Wireless/Wired CarPlay and Android Auto. Connect your smartphone to access navigation, make phone calls, send emails, receive notifications, and play music directly through the car's display.

Built in Carplay & Android Auto

Comes with carplay function , no need to purchase additional accessories

NAVIGATION

- 1 Support Carplay navigation & Android Auto navigation
- 2 Support original navigation
- 3 Support various navigation software
- 4 Support multiple languages



Support Mirror-Link
Built-in DSP



For iPhone



For Android Phone

Figure 4: Built-in CarPlay & Android Auto. This image highlights the navigation, communication, and entertainment features available through CarPlay and Android Auto, along with Mirror-Link support for both iOS and Android devices.

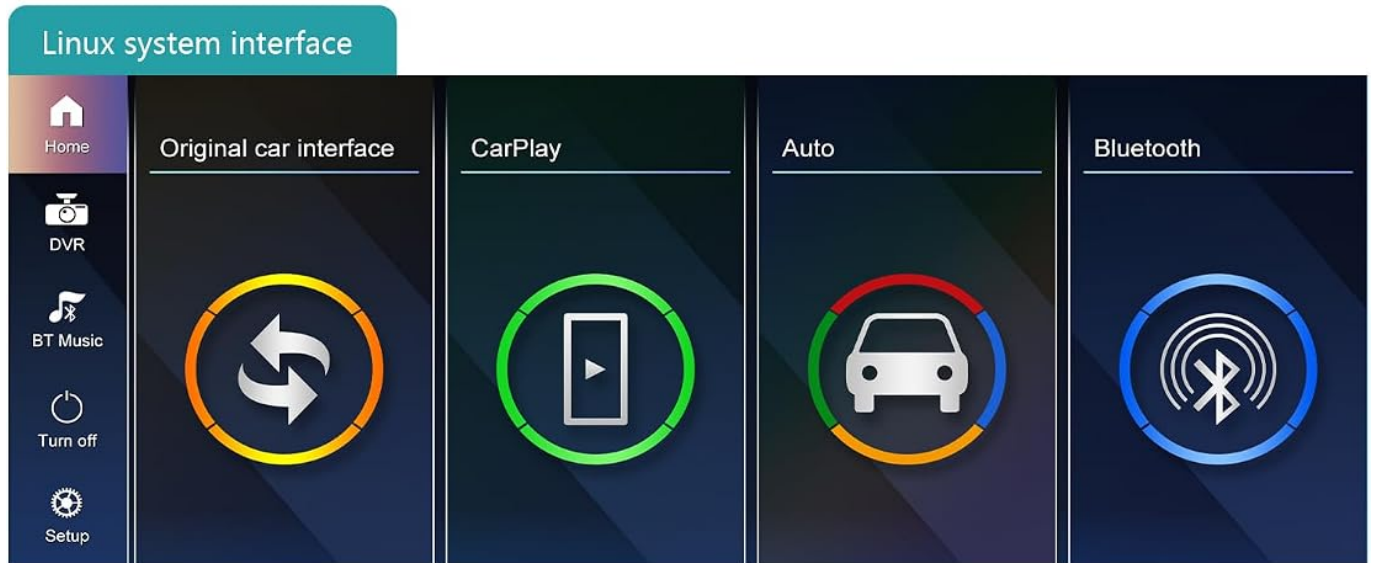
Mirrorlink Function

The full touch screen audio system supports Mirrorlink for both iOS and Android smartphones. This allows you to synchronize your phone's display, including maps, movies, and other content, onto the large 10.25-inch screen for a clear and responsive visual experience.

Switching Between Systems

The device allows for easy one-button switching between its Linux operating system and your car's original NBT system. This ensures that all original vehicle functions remain accessible.

Easily Switch from Factory System to Linux



- Sunplus 8368XU with 2Gb DDR3
- 1920*720 Resolution
- Working temperature: -30°C ~ +80°C
- Wireless / Wired Carplay
- 10.25 inch screen



- Wireless/Wired Android Auto
- Linux 4.9 System
- Adjustable screen brightness
- Built in DSP
- Support Mirror Link

One-button switching of original vehicle system

- Keep your original car function
- Keep amplifier function
- Keep factory joystick control
- Control way is the same as before



Figure 5: Easily Switch from Factory System to Linux. This image displays the user interface of the new Linux system, showing options to switch to the original car interface, CarPlay, Android Auto, and Bluetooth. It also emphasizes the retention of original car functions like radio, amplifier, and joystick control.

Retained Original Functions

The upgrade screen retains all original functions of your BMW, including:

- Original car radio and amplifier function.
- Factory joystick control and command knob.
- Original reverse camera and reverse trajectory display.
- Steering wheel controls.
- CD/DVD, USB, Bluetooth, and GPS navigation from the original system.

Original BMW NBT System & Linux System

- Support all the original functions , like factory radio , GPS navigation , bluetooth , DVD/CD , USB , etc.
- Support factory rear view camera reverse trajector , door open warnig.
- Support original joystick , factory comand knob , touch mouse , and steering wheecontrol functions.

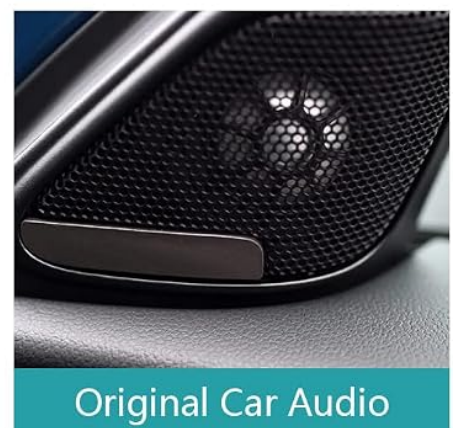


Figure 6: Original BMW NBT System & Linux System Integration. This composite image demonstrates how the new Ninetom screen supports and integrates with various original BMW NBT system functions, such as the original display, reverse camera, steering wheel controls, and physical control knobs.

To ensure the longevity and optimal performance of your Ninetom car radio touch screen, follow these maintenance guidelines:

- **Cleaning:** 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 harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check the manufacturer's website or contact support for any available software updates. Keeping the software updated can improve performance and add new features.
- **Environmental Care:** Protect the device from extreme temperatures, direct sunlight, and excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected. Avoid pulling on cables forcefully.

TROUBLESHOOTING

If you encounter issues with your Ninetom car radio touch screen, refer to the following common troubleshooting steps:

- **No Power/Screen Blank:**
 - Check all power connections to ensure they are secure.
 - Verify the vehicle's fuse related to the infotainment system.
- **No Sound:**
 - Ensure the volume is not muted or set too low.
 - Check audio cable connections (e.g., AUX cable).
 - Confirm the correct audio source is selected on both the new screen and the original car system.
- **CarPlay/Android Auto Not Connecting:**
 - Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
 - Try restarting both your phone and the car screen.
 - Check USB cable connection if using wired CarPlay/Android Auto.
- **Original Functions Not Working:**
 - Ensure the system is correctly switched to the original car interface.
 - Verify all connections related to the original system are properly seated.
- **Touch Screen Unresponsive:**
 - Try restarting the device.
 - Ensure the screen is clean and free of debris.

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

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	ninetom
Model Name	RT-LN-NBT-10-1/2S-DE

Screen Size	10.25 Inches
Screen Resolution	1920x720 (Estimated)
Operating System	Linux
Touch Screen Type	Capacitive
Connectivity Technology	Bluetooth
Special Features	Wireless/Wired CarPlay, Android Auto, Mirrorlink, GPS Navigation, Phone Calls, Emails, Notifications, Music
Supported Satellite Navigation System	GPS
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Compatible Vehicle Type	Car (BMW 1/2 Series F20 F21 F22 F23 2011-2016 with NBT system)
Item Dimensions (L x W x H)	32.2L x 17.8W x 13.9H centimeters
Country of Origin	China

WARRANTY INFORMATION

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

Please retain your proof of purchase for warranty claims. For warranty service, contact customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your Ninetom 10.25-inch Car Radio Touch Screen, please contact our customer service team.

- **Online Support:** Visit the Ninetom official website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to the product packaging or included documentation for the customer support email address.
- **Installation Assistance:** Professional installation assistance may be available through authorized service centers.

When contacting support, please have your product model number (RT-LN-NBT-10-1/2S-DE) and purchase information ready.

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

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