

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [autoabc](#) /

› [autoabc Wireless CarPlay/Android Auto 10.25" Touchscreen Multimedia Radio Receiver for BMW 1 2 Series F20/F21/F22 \(2013-2015 NBT System\) User Manual](#)

autoabc ba45c559-ea38-4e77-ade8-fe6014d5cda0

autoabc Wireless CarPlay/Android Auto 10.25" Touchscreen Multimedia Radio Receiver User Manual

Model: ba45c559-ea38-4e77-ade8-fe6014d5cda0

1. PRODUCT OVERVIEW

This manual provides instructions for the autoabc 10.25-inch touchscreen multimedia radio receiver, designed to integrate Wireless CarPlay and Android Auto functionality into compatible BMW vehicles. It enhances your driving experience by offering advanced navigation, communication, and entertainment features while retaining the original car system's functionalities.



The autoabc 10.25-inch touchscreen multimedia receiver, showcasing its sleek design and the intuitive interfaces of Apple CarPlay and Android Auto.

2. COMPATIBILITY

This product is specifically designed for BMW 1 and 2 Series F20/F21/F22 models manufactured between 2013 and 2015, equipped with the NBT-System. Before installation, it is crucial to verify your car's system compatibility to ensure proper function.

Does this device fit for my car?

System	NBT
Model	1 Series F20/F21/F22/ F23
Year	2012–2015



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

NBT 



NBT System LVDS Plug (6 pins)

CIC 



CIC System LVDS Plug (4 pins)

EVO 



EVO system LVDS Plug (6 pins)

CCC 



CCC System LVDS Plug (10 pins)

A compatibility chart indicating the NBT system is required for BMW 1 Series F20/F21/F22/F23 models from 2012-2015.

To confirm your vehicle's system, check the LVDS plug type. This unit is compatible with NBT systems (6-pin LVDS plug). It is **not** compatible with CIC (4-pin), EVO (6-pin, different configuration), or CCC (10-pin) systems.

3. PACKAGE CONTENTS

Upon opening the package, please ensure all the following components are present and in good condition:

- autoabc 10.25-inch Touchscreen Display
- Power Cable
- USB Cable
- Product Bracket
- User Manual

Product Information



Front



Back



Carplay



Android Auto



Airplay



Autolink



Linux



1920*720



10.25 inch

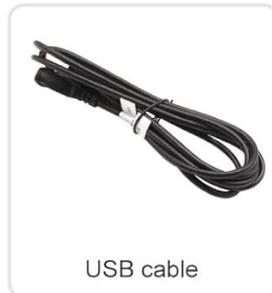


USB

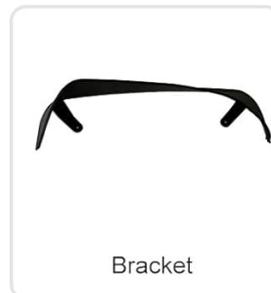
Any issue please get help from us, We are more Vakume professional than auto repair shop.
Tuan ett Please do not finalize install until you have tested every function on your car.



Power cable



USB cable



Bracket

An illustration of the complete package contents: the main display unit, power cable, USB cable, mounting bracket, and the user manual.

4. SETUP AND INSTALLATION

Installation of the multimedia receiver requires careful attention to detail. If you are not confident in performing the installation yourself, it is highly recommended to seek assistance from a professional car repair shop. An installation video may also be available for guidance.

Initial Setup

The new 10.25-inch HD display replaces your original car screen. The installation process involves connecting the provided cables to integrate the new unit with your vehicle's existing NBT system. Ensure all connections are secure before powering on the device.

Adds More Functions to Your Existing While Keeping OEM System

Please click "Original car interface" icon to enter



Carplay



Android Auto



Airplay



Autolink



Linux



1920*720



10.25 inch



USB



OEM Car System

VS



Wireless Carplay

Before installation

After installation

A visual comparison showing the car's dashboard with the original OEM screen versus the upgraded 10.25-inch autoabc display after installation.

Customizing Startup Logo

You can customize the startup logo of the device. The default startup logo is 'AUTOABC'.

1. Create a PNG image with a resolution of 1920 x 720 pixels.
2. Rename the image file to 'updatelogo.png' and place it in the root directory of a USB drive.
3. Insert the USB drive into the reserved USB port on the multimedia receiver. A prompt will confirm the logo change is successful.
4. Restart the car to apply the new startup logo.

How to customize the startup screen

The default startup logo is AUTOABC

- ① **Create a PNG image with a resolution of 1920 * 720**



- ② **Change the name of the image to 'updatelogo.png' and place it in the root directory of the USB drive**



- ③ **Insert the USB drive into the reserved USB port and it will prompt that the logo change is successful**



- ④ **Restart the car**

A step-by-step guide illustrating how to change the startup logo by preparing a PNG image on a USB drive and inserting it into the unit.

5. OPERATING INSTRUCTIONS

Switching Between Systems

The unit allows seamless switching between the original car interface and the new Linux system. To access the original car interface, select the corresponding icon on the main screen of the multimedia receiver. This ensures all original car functions, including the radio, amplifier, and joystick control, remain accessible.

Easily Switch from Factory System to Linux

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



Please note that this product is not an Android system and cannot download applications!

The main menu of the autoabc system, displaying icons for 'Original car interface', 'Apple CarPlay', 'Android Auto', and other features, alongside the original BMW NBT menu.

CarPlay and Android Auto

The receiver supports both wireless and wired Apple CarPlay and Android Auto. This functionality allows you to integrate your smartphone for navigation, phone calls, messages, music, and other apps, all controlled via the intelligent voice assistant or the touchscreen. This promotes safe driving by minimizing distractions.

Your browser does not support the video tag.

Video demonstrating the features and user interface of the autoabc multimedia receiver, including CarPlay and Android Auto functionality.

Your browser does not support the video tag.

Another video showcasing the various functions and responsiveness of the autoabc 10.25-inch display in a vehicle.

Touchscreen and Control Methods

The 10.25-inch HD display is a responsive touchscreen. Additionally, the unit supports the original car's control methods, including the iDrive knob and steering wheel buttons, allowing for flexible and familiar operation.

Support original button control/support touch control



Support Original car knob



Support Steering wheel button

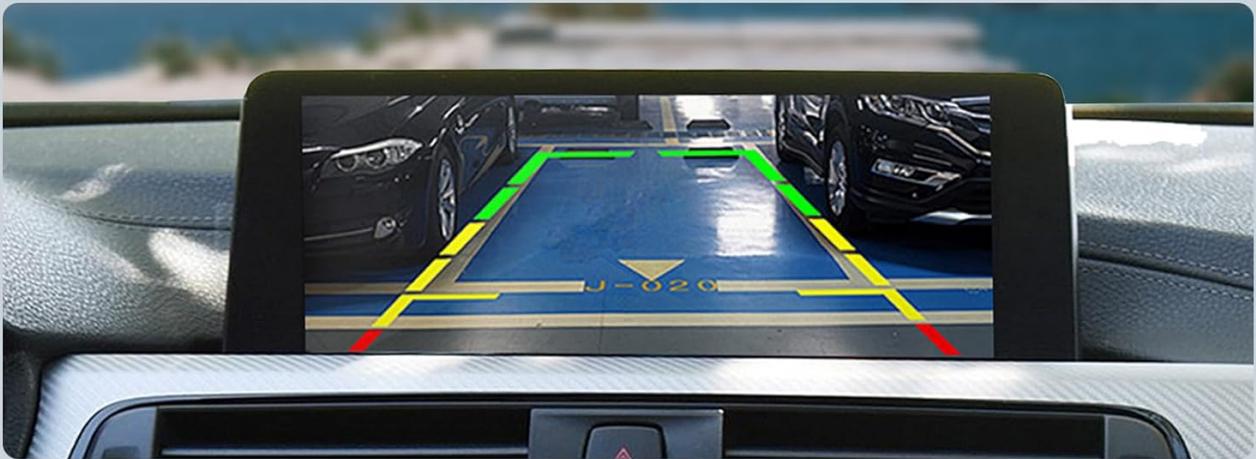


Support Hand-touch

Support original and aftermarket camera

Support factory original reverse camera, parking radar

Support front view camera DVR (AHD/ CVBS)



Demonstration of multiple control methods: the original car's iDrive knob, steering wheel buttons, and direct touch input on the new display.

Mirrorlink / Screen Projection

The device features a screen projection function (Mirrorlink/Airplay/Autolink) that allows you to mirror your smartphone's display onto the larger 10.25-inch screen. This is ideal for viewing photos, videos, or using compatible apps directly from your phone.

Support Wireless Mirrorlink /HD SCREEN

screen has clearer picture, higher color brightness and better visual experience



An image illustrating the Mirrorlink feature, where a smartphone's display is mirrored onto the autoabc unit's screen, showing various media content.

Camera Support

The system supports both the factory original reverse camera and aftermarket cameras (AHD/CVBS), including front view cameras and DVRs. When reversing, the screen automatically displays the rear view with parking assistance lines.

Support original button control/support touch control



Support Original car knob



Support Steering wheel button



Support Hand-touch

Support original and aftermarket camera

Support factory original reverse camera, parking radar

Support front view camera DVR (AHD/ CVBS)



The autoabc screen displaying the rear view from a camera, complete with dynamic parking guidelines for assistance.

6. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth, slightly dampened with water or a screen-cleaning solution, to gently wipe the touchscreen. Avoid abrasive materials or harsh chemicals that could damage the display.
- **Software Updates:** Periodically check for software updates from autoabc to ensure you have the latest features and bug fixes. Follow the provided instructions for any update procedures.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent functionality.

7. TROUBLESHOOTING

If you encounter issues with your autoabc multimedia receiver, please refer to the following common troubleshooting tips. For complex problems, contact customer support.

- **No Power/Screen Blank:** Check all power cable connections. Ensure the car's ignition is on. If the issue persists, verify the car's fuse box for any blown fuses related to the infotainment system.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone. For wired connections, try a different USB cable. Restart both your phone and the multimedia receiver.
- **Sound Issues (No Audio/Poor Quality):** Verify that the audio output is correctly set to the AUX input on your original car system. Check all audio cable connections. Adjust volume levels on both the receiver and your car's audio system.
- **Parking Assistance View Not Automatic:** If front parking sensors are present, the screen may not automatically switch to the parking assistance view. It typically switches when shifting to reverse gear. This behavior is normal for some configurations.
- **Equalizer (EQ) Not Working:** The EQ function may only apply to music apps running directly on the Linux system or from your device via specific Bluetooth configurations. Ensure your car's auxiliary front option is selected in the multimedia menu and try disconnecting the car's Bluetooth on your phone (not from the radio) to allow the Linux system's Bluetooth to manage audio.
- **System Lag/Unresponsiveness:** Restart the unit. Ensure no excessive applications are running in the background (if applicable to the Linux system).

If these steps do not resolve your issue, please contact autoabc technical support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Display Size	10.25 inches
Display Resolution	1920 x 720 HD
Operating System	Linux
Connectivity	Wireless/Wired CarPlay, Wireless/Wired Android Auto, Bluetooth, USB
Control Type	Touchscreen, Original iDrive Controller, Steering Wheel Buttons
Compatible Devices	BMW 1 2 Serie F20/F21/F22 (2013-2015) with NBT-System
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	2.1

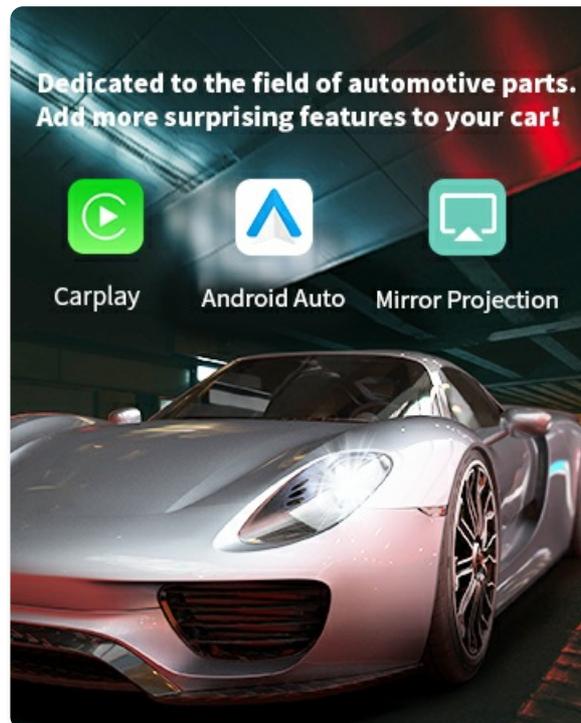
Feature	Detail
Video Encoding	H.264, H.265/HEVC
Output Power	50 Watts
Item Weight	3.52 pounds
Package Dimensions	15.35 x 7.48 x 6.3 inches

9. WARRANTY AND SUPPORT

autoabc is committed to providing excellent customer service and support for your product.

- **Warranty:** The product comes with a One-Year global warranty.
- **Technical Support:** Lifetime technical service support is provided.
- **Returns:** A 60-day return policy is available.
- **Replacements:** Replacements are available within 12 months of purchase.

For any questions, issues, or technical assistance, please contact autoabc customer support via Amazon Email. Our team is available to provide reliable online technical support.



An overview of autoabc's customer support commitments, including quick response times, return policy, replacement options, and lifetime technical assistance.