

autoabc 12.3 Inch Linux Touchscreen Multimedia Radio

autoabc 12.3 Inch Linux Touchscreen Multimedia Radio User Manual

For Mercedes Benz NTG 4.5/4.7 A/CLA/GLA (2013-2015)

1. INTRODUCTION AND COMPATIBILITY

This autoabc 12.3 Inch Linux Touchscreen Multimedia Radio is designed to enhance your driving experience by integrating modern connectivity features while retaining your vehicle's original functionalities. It is compatible with specific Mercedes Benz models.

1.1 Vehicle Compatibility

- **Mercedes Benz NTG 4.5/4.7 A/CLA/GLA Klasse W176 C117 X117 X156 (2013-2015)**

Please verify your vehicle's NTG system version before installation. This product is not compatible with NTG 5.0/5.1/5.2 or NTG 4.0 systems.

**Only fit for Mercedes Benz A/CLA/GLA Klasse
w176 c117 X117X156 2013-2015 with NTG4.5/4.7**

Note : Please make sure your original car system . Not fit for NTG 5.0/5.1/5.2 System! !

Please do not impulse purchase :

Please check the website picture to make sure your car dashboard picture is the same as the listings , other wise you need to buy another listing product, If you cannot make sure or you are confused , please get help from us.



Fit for NTG 4.5/4.7



NT5.0/5.1 /5.2- Don't Fit



NTG4.0-Don't Fit

More models are really being worked on

Image: Compatibility chart illustrating the correct NTG system versions for installation.

1.2 Key Features

- Wireless and Wired CarPlay/Android Auto functionality.
- Access to navigation, phone contacts, email, notifications, and music via intelligent voice assistant.
- Retains original car radio, amplifier, joystick control, rear view camera, and display of vehicle information (speed, fuel level, oil pressure, safety warnings).
- 12.3-inch HD LED display with 1920 x 720 resolution.
- Screen projection function for photos and videos.

Adds More Functions to Your Existing While Keeping OEM System

Please click "Original car interface" icon to enter



Carplay



Android Auto



Airplay



Autolink



Linux



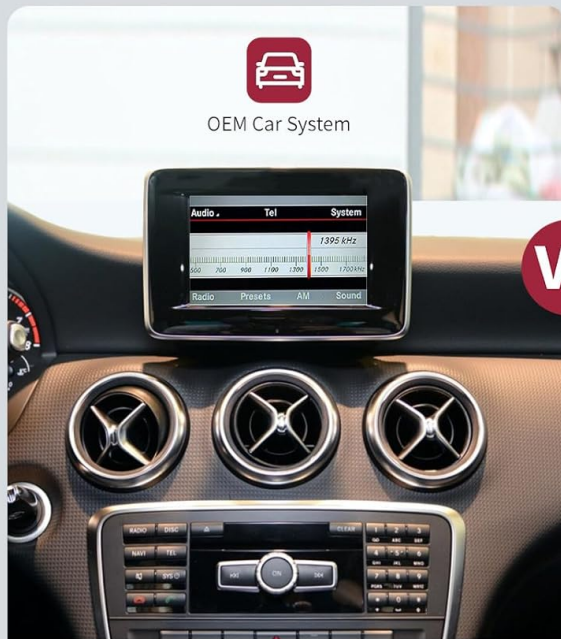
1920*720



12.3 inch



USB



Before installation

VS



After installation

Image: Visual comparison of the car dashboard with the original screen versus the autoabc 12.3-inch multimedia screen installed.

2. PACKAGE CONTENTS

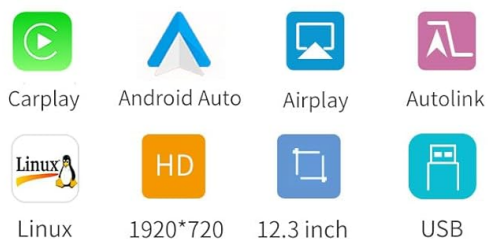
Please ensure all items are present in the package before proceeding with installation.

- autoabc 12.3 Inch Linux Touchscreen Multimedia Radio
- Brand packaging box
- User Manual
- Power cord
- LVDS/USB cable

Product Information



Front



Back

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



LVDS/USB cable

Image: Contents of the product package, including the main unit, cables, and documentation.

3. INSTALLATION

Installation of this multimedia radio requires technical expertise. It is highly recommended to seek assistance from a professional car repair shop or refer to the provided installation video for guidance.

3.1 General Installation Advice

- Ensure the vehicle's power is disconnected before starting installation.
- Carefully follow the wiring diagrams and connection instructions specific to your Mercedes Benz model.
- Do not finalize installation until all functions have been tested on your car.

3.2 Installation Video Guide

Your browser does not support the video tag.

Video: An overview of the 12.3 Inch Linux Touchscreen for Mercedes Benz NTG 4.5, demonstrating its features and potentially installation steps. This video provides visual guidance for the setup process.

4. BASIC OPERATION

The autoabc multimedia radio features a responsive touchscreen interface. You can also utilize your vehicle's original joystick control for navigation within the system.

4.1 Switching Between Systems

The system allows seamless switching between the new Linux system and your original Mercedes Benz NTG system. This ensures all original vehicle functions remain accessible.



Image: Illustration of switching between the new Linux system and the original car system.

4.2 Screen On/Off

To turn off the screen, locate and press the 'Display Off' button on the interface. To wake the screen, simply touch it again.

5. WIRELESS CARPLAY AND ANDROID AUTO

Enjoy seamless integration with your smartphone for navigation, communication, and entertainment.

5.1 Connecting to Wireless CarPlay

1. Ensure both Bluetooth and Wi-Fi are enabled on your iPhone.
2. On the multimedia radio, tap the Bluetooth icon to check the device's Bluetooth name.
3. On your iPhone, go to Bluetooth settings, find the device's Bluetooth name, and connect.
4. Confirm the connection on your iPhone. The system will automatically enter the CarPlay interface.

5.2 Connecting to Wireless Android Auto

1. Ensure both Bluetooth and Wi-Fi are enabled on your Android phone.
2. On the multimedia radio, tap the Bluetooth icon to check the device's Bluetooth name.
3. On your Android phone, go to Bluetooth settings, find the device's Bluetooth name, and connect.
4. Confirm the connection on your Android phone. The system will automatically enter the Android Auto interface.

Camera Function

Support factory original reverse camera parking radar
Support aftermarket reverse camera and 360 camera
Support front view camera DVR (CvBS input)

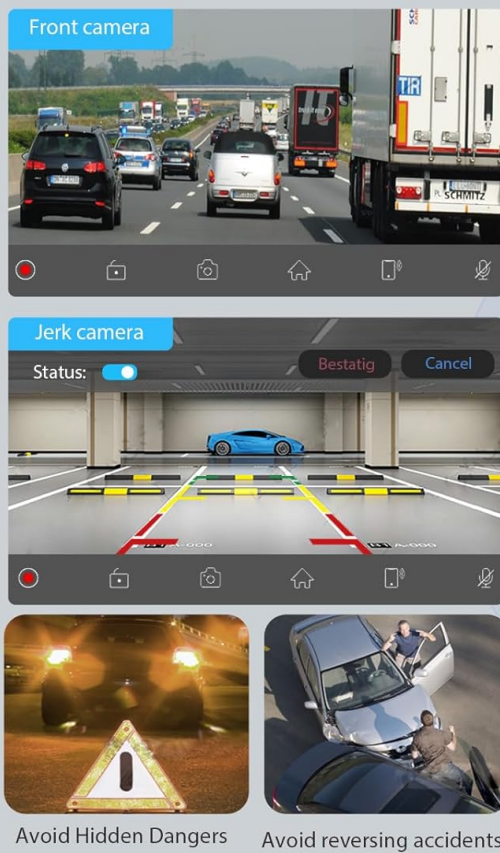


Image: Demonstrates the user interfaces for CarPlay, Android Auto, AirPlay, and Autolink on the screen.

6. AIRPLAY AND AUTOLINK (SCREEN MIRRORING)

Mirror your smartphone's screen directly onto the multimedia display for enhanced viewing of content.

6.1 AirPlay for iOS Devices

1. Navigate to the 'Setup' menu on the multimedia radio, then 'Smart Phone', and ensure the AirPlay option is enabled.
2. Open the AirPlay interface on the multimedia radio to find the Wi-Fi password.
3. Connect your iPhone to the device's Wi-Fi network using the provided password.
4. After successful connection, activate the AirPlay mirroring function on your iPhone to cast your screen.

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Video: Demonstrates how to use the screen mirroring function (AirPlay) on the Linux screen for Mercedes Benz, showing the steps to connect and cast an iPhone screen.

6.2 Autolink for Android Devices

1. Navigate to the 'Setup' menu on the multimedia radio, then 'Smart Phone', and ensure the Autolink option is enabled.
2. Open the Autolink interface on the multimedia radio. If you do not have the Autolink app, scan the QR code displayed on the screen to download it.
3. On your Android phone, open the Autolink app, find the device's Bluetooth, and connect.
4. After successful connection, screen casting can be performed.

7. USB MEDIA PLAYBACK

The multimedia radio supports playback of media files from a USB portable hard drive.

1. Download your preferred media (audio, video) to a USB portable hard drive.
2. Plug the USB drive into the designated USB port on the multimedia radio.
3. Navigate to the 'Media' section and select 'USB' to browse and play your content.

8. CAMERA FUNCTIONALITY

The system supports various camera inputs for enhanced safety and convenience.

- Supports factory original reverse camera parking radar.
- Supports aftermarket reverse camera and 360 camera systems.
- Supports front view camera DVR (CVBS input).

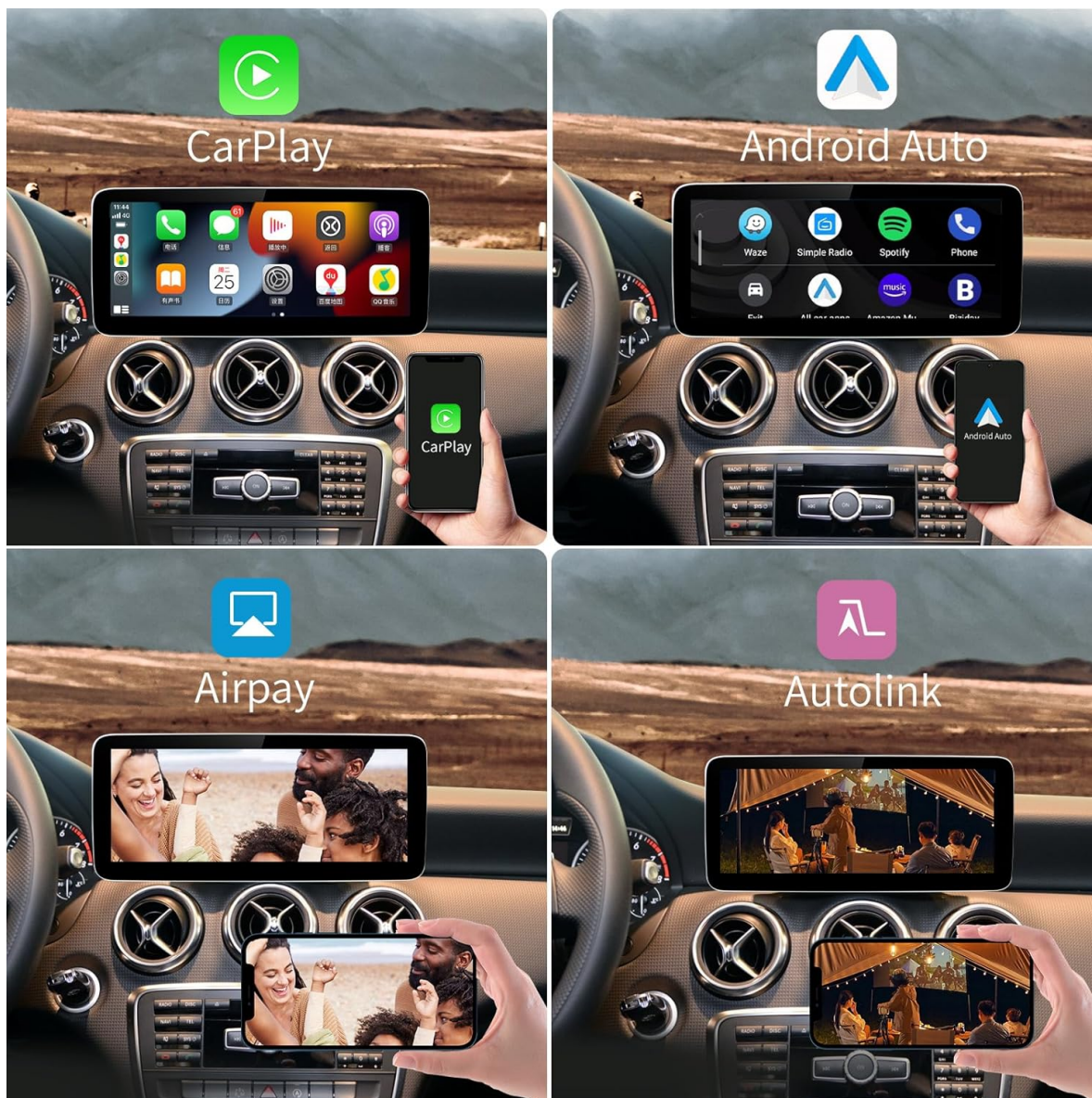


Image: Visual representation of the camera functions, including front, rear, and 360-degree views, highlighting safety features.

9. AUDIO SETTINGS

Proper audio setup is crucial for optimal sound quality. The system supports both AUX and Bluetooth audio connections.

9.1 Setting up AUX Audio

To use AUX audio, navigate to the original vehicle system's audio settings and select 'Auxiliary Input'.

9.2 Setting up Bluetooth Audio

1. On the multimedia radio, go to 'Setup' then 'Bluetooth Transmission'. Note the device name (e.g., BT-Transmitter).
2. Return to the original vehicle system.
3. Navigate to 'Media' or 'Telephone' and select 'Connect device' or 'Bluetooth Audio'.
4. Search for the Bluetooth device name (e.g., BT-Transmitter) and connect. Ensure the Bluetooth icon is illuminated.

Your browser does not support the video tag.

Video: Guide on how to set up Bluetooth audio transmission on the Linux screen for Mercedes Benz, detailing the steps to connect your phone for audio playback.

10. SCREEN SETTINGS

If you experience screen misalignment or distortion when returning to the original car system, you may need to adjust the screen resolution.

1. On the multimedia radio, go to 'Setup' then 'Car Settings'.
2. Select 'Original Car's Screen Resolution'.
3. Choose the resolution that matches your original car's display to correct any visual issues.

11. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

11.1 Common Issues and Solutions

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **No Sound:** Verify that the correct audio input (AUX or Bluetooth) is selected in the original car system. Check volume levels on both the multimedia radio and the car's audio system.
- **Screen Malfunction/Distortion:** Adjust the screen resolution in the 'Car Settings' menu to match your original car's display.
- **Connectivity Issues (CarPlay/Android Auto/AirPlay/Autolink):** Ensure Bluetooth and Wi-Fi are enabled on your phone and the multimedia radio. Re-pair devices if necessary. For Autolink, ensure the app is installed and updated.
- **Original Car Features Not Working:** Ensure all original car cables are correctly connected to the multimedia radio's harness. The system is designed to retain all original functions.

If issues persist, please contact autoabc customer support for further assistance.

12. SPECIFICATIONS

Feature	Detail
Screen Size	12.3 inches
Resolution	1920 x 720 HD LED
Connectivity Technology	Bluetooth, USB
Special Feature	Built-In Bluetooth, Wireless CarPlay/Android Auto, AirPlay/Autolink

Compatible Devices	Smartphone
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	5.1
Video Encoding	H.264, H.265/HEVC
Item Weight	3.52 pounds (1.6 Kilograms)
Package Dimensions	15.35 x 7.48 x 6.3 inches

13. WARRANTY AND SUPPORT

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

- **Warranty:** One-Year global warranty.
- **Technical Support:** LIFETIME Technical Service Support.
- **Contact:** For any questions or issues, please contact us via Amazon Email for reliable ONLINE TECHNICAL SUPPORT.



Image: Visual representation of autoabc's commitment to customer support and warranty services.