

Artudatech E301-C188

Artudatech 8-inch Car Display with Android Auto/Apple CarPlay User Manual

Model: E301-C188

1. INTRODUCTION

Thank you for purchasing the Artudatech 8-inch Car Display. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and keep it for future reference.

This car display features an 8-inch IPS HD touchscreen, offering vivid color reproduction and wide viewing angles. It supports both wireless Android Auto and Apple CarPlay for seamless smartphone integration. Equipped with a built-in AHD night vision camera, it provides clear rear-view imaging even in low-light conditions. The unit also includes Bluetooth 5.0 for high-quality audio streaming, multi-language support, and a versatile vertical mount design compatible with most vehicles.

2. SAFETY INFORMATION

- **Installation:** Ensure the device is securely mounted and does not obstruct the driver's view or interfere with vehicle controls. Professional installation is recommended if you are unsure.
- **Power Supply:** Connect the device to a stable 12V DC power source. Incorrect voltage can damage the unit.
- **Operation While Driving:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the device away from water and other liquids.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Artudatech 8-inch Car Display Unit
- Power Cable (Type-C)
- AHD Night Vision Camera
- Camera Connection Cable
- Mounting Bracket and Adhesives
- User Manual (English)
- AUX Cable

4. PRODUCT FEATURES

- **8-inch IPS HD Touchscreen:** 1024x600 resolution for clear visuals and wide viewing angles.
- **Flexible Display:** Supports horizontal and vertical screen switching, with $\pm 15^\circ$ left/right angle adjustment and 360-degree rotation.
- **Integrated AHD Night Vision Camera:** Provides 1080P rear-view video with noise reduction in dark environments.
- **Wireless Connectivity:** Compatible with Android Auto and Apple CarPlay for seamless smartphone integration.
- **Multimedia Support:** Bluetooth 5.0 for audio streaming, FM transmission, AUX output, and online video playback (YouTube/TikTok). Supports local MP4/AVI files.
- **Parking Assistance:** Automatic camera switching when reverse gear is engaged, with 720P/1080P high-definition rear view and parking guidelines. Camera mirroring function available.
- **User Customization:** Multi-language menu (including English, Chinese, Korean, Japanese), adjustable screen brightness, auto-off timer (10/30/60 seconds), and three custom wallpaper options.
- **Universal Compatibility:** Vertical mount design suitable for most passenger cars, light vehicles, and commercial vehicles.
- **Durability:** Passive cooling structure prevents overheating during extended use.

5. SETUP

5.1 Mounting the Display Unit

The display unit features a vertical mount design for dashboard installation. Ensure the mounting location does not obstruct your view or interfere with airbags.

1. Clean the dashboard surface where the mount will be placed.
2. Attach the adhesive pad to the bottom of the mounting bracket.
3. Securely press the mounting bracket onto the cleaned dashboard surface.
4. Slide the display unit onto the mounting bracket until it clicks into place.
5. Adjust the display angle for optimal visibility using the 360-degree rotation and $\pm 15^\circ$ tilt features.



Image: A series of images detailing the simple steps for assembling and installing the display unit.

5.2 Power Connection

Connect the provided Type-C power cable to the display unit and a 12V DC power outlet in your vehicle.

5.3 AHD Camera Installation

Install the AHD night vision camera at the rear of your vehicle. Connect the camera to the display unit using the provided camera connection cable. Ensure the camera is positioned to provide a clear view of the rear area.

ナイトビジョンエフェクト

日中ともにフルカラー高解像度ディスプレイで、夜間バック時に自動的に赤外線ライトがオンになり、高い照度でも目をくらませません。



Image: An image demonstrating the night vision effect, showing how the camera automatically activates infrared light in low light for clear visibility without glare.

5.4 Initial Settings

Upon first power-on, you may need to configure basic settings:

- **Language:** Navigate to the settings menu and select your preferred language (e.g., English, Japanese, Chinese, Korean).
- **Time/Date:** Set the correct time and date for your region.

6. OPERATING INSTRUCTIONS

6.1 Display Controls

- **Touchscreen:** Navigate menus and control functions by touching the screen.
- **Screen Orientation:** Switch between horizontal and vertical display modes as needed.
- **Angle Adjustment:** Use the mounting bracket to adjust the display's rotation (360°) and tilt ($\pm 15^\circ$) for optimal viewing.

6.2 Smartphone Connectivity (Android Auto / Apple CarPlay)

The device supports wireless Android Auto and Apple CarPlay for integrated navigation, music, and communication.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car display, select the Android Auto or Apple CarPlay icon.
3. Follow the on-screen prompts to pair your smartphone. Once paired, your phone's compatible apps will appear on the display.



Image: An illustration demonstrating the wireless connection process for Apple CarPlay and Android Auto, showing a smartphone connected to the car display.

6.3 Multimedia Playback

- **Online Video:** Access apps like YouTube and TikTok directly on the display for real-time video streaming.
- **Local Files:** Play MP4 and AVI video files from a connected storage device (e.g., MicroSD card).
- **Audio Output:** Choose from three audio output modes: AUX, Bluetooth, or FM transmission to your car's audio system.



Image: The 8-inch display actively playing online video content from platforms like YouTube or TikTok, demonstrating its multimedia capabilities.



Image: An illustration showing the three audio output options: Bluetooth, AUX cable, and FM transmitter, for connecting the display to the car's sound system.

6.4 Camera Functions

- **Automatic Reverse Camera:** When the vehicle is put into reverse gear, the display will automatically switch to the rear camera view, showing 720P/1080P high-definition video with parking guidelines.
- **Camera Mirroring:** The camera can also be activated during normal driving to monitor the surroundings.

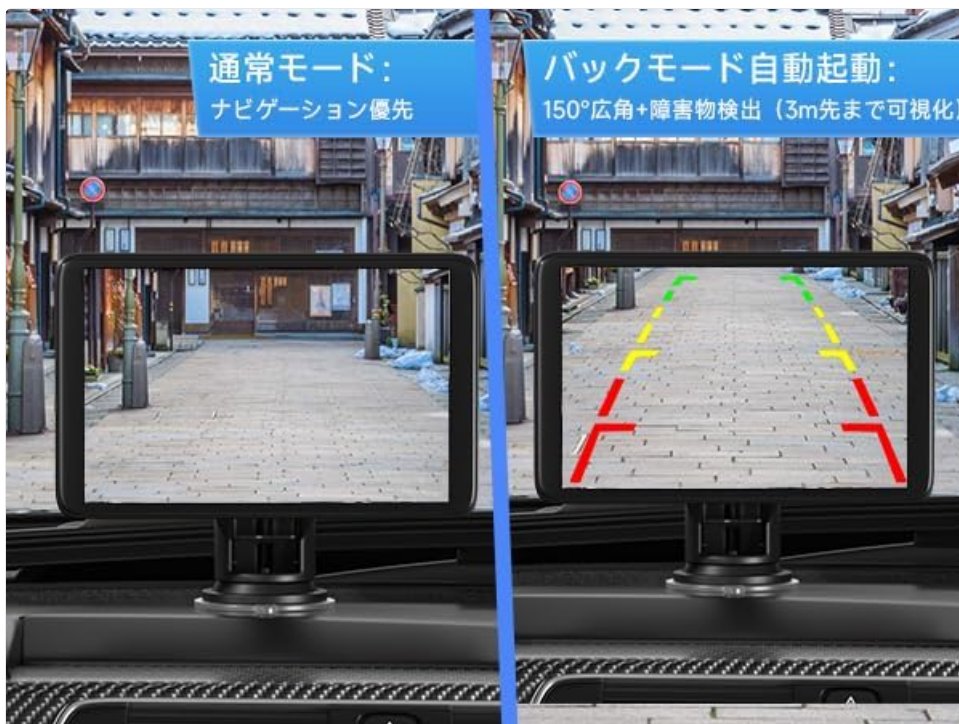


Image: This image demonstrates the automatic switching between normal driving view and the reverse camera view, which includes dynamic parking guidelines for easier maneuvering.

6.5 Display Customization

- **Brightness:** Adjust screen brightness through the settings menu.
- **Auto-off Timer:** Set the display to automatically turn off after 10, 30, or 60 seconds of inactivity.
- **Wallpapers:** Choose from three custom wallpaper designs to personalize your display.

7. MAINTENANCE

- **Cleaning:** Wipe the screen and body with a soft, lint-free cloth. Do not use liquid cleaners directly on the

screen.

- **Overheating Prevention:** The passive cooling structure helps prevent overheating. Ensure proper airflow around the unit.
- **Firmware Updates:** Periodically check for firmware updates using the built-in tool to ensure optimal performance and access to new features.
- **Factory Reset:** A factory reset function is available in the settings menu to restore default settings if needed.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|--|---|
| Device does not power on. | No power, loose connection, faulty power cable. | Check power cable connection. Ensure vehicle's power outlet is functional. Try a different power source if available. |
| Android Auto/Apple CarPlay not connecting. | Bluetooth/Wi-Fi off on phone, incorrect pairing, phone software issue. | Ensure Bluetooth and Wi-Fi are enabled on your phone. Forget the device on your phone and re-pair. Restart both phone and display. |
| Rear camera image is unclear or not displaying. | Loose camera connection, dirty lens, camera malfunction. | Check camera cable connection. Clean the camera lens. Ensure the camera is properly powered. |
| No sound or poor sound quality. | Incorrect audio output mode, low volume, loose AUX cable, FM interference. | Verify selected audio output mode (AUX, Bluetooth, FM). Adjust volume on both display and car stereo. Check AUX cable connection. Change FM frequency if experiencing interference. |
| Screen unresponsive or freezing. | Software glitch, temporary error. | Restart the device by disconnecting and reconnecting power. If issue persists, perform a factory reset (note: this will erase custom settings). |

9. SPECIFICATIONS

| Feature | Detail |
|--------------|--------------------|
| Brand | Artudatech |
| Model Number | E301-C188 |
| Color | Black |
| Display Size | 8 inches |
| Display Type | IPS HD Touchscreen |
| Resolution | 1024x600 |

| Feature | Detail |
|--------------------|---|
| Connectivity | Wireless Android Auto, Apple CarPlay, Bluetooth 5.0, FM Transmission, AUX |
| Camera | Built-in AHD Night Vision Camera (1080P rear view) |
| Mounting Type | Vertical Mount |
| Adjustability | 360° Rotation, ±15° Tilt, Horizontal/Vertical Screen Switching |
| Product Dimensions | 25 x 15 x 10 cm |
| Country of Origin | China |

10. WARRANTY AND SUPPORT

This Artudatech product comes with a **3-month product warranty** from the date of your order. If you encounter any defects or issues with the product within this period, please contact our customer service for assistance. Depending on the issue, a full refund or replacement may be available.



Image: An image indicating customer service availability and a 3-month product warranty from the order date. For further support or inquiries, please refer to the contact information provided with your purchase or visit the official Artudatech website.