

EINCAR 7-inch Android 10.0 Double Din Car Stereo

EINCAR 7-inch Android 10.0 Car Stereo User Manual

Model: 7-inch Android 10.0 Double Din Car Stereo

Brand: EINCAR

1. INTRODUCTION

Thank you for choosing the EINCAR 7-inch Android 10.0 Car Stereo. This advanced multimedia system is designed to enhance your driving experience with features like GPS navigation, Bluetooth connectivity, Wi-Fi, and smartphone mirroring. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.



Image 1.1: The EINCAR 7-inch Android 10.0 Car Stereo unit, displaying the Android 10 interface, along with included accessories like the rear camera, GPS antenna, and wiring harnesses.

2. SAFETY INFORMATION

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

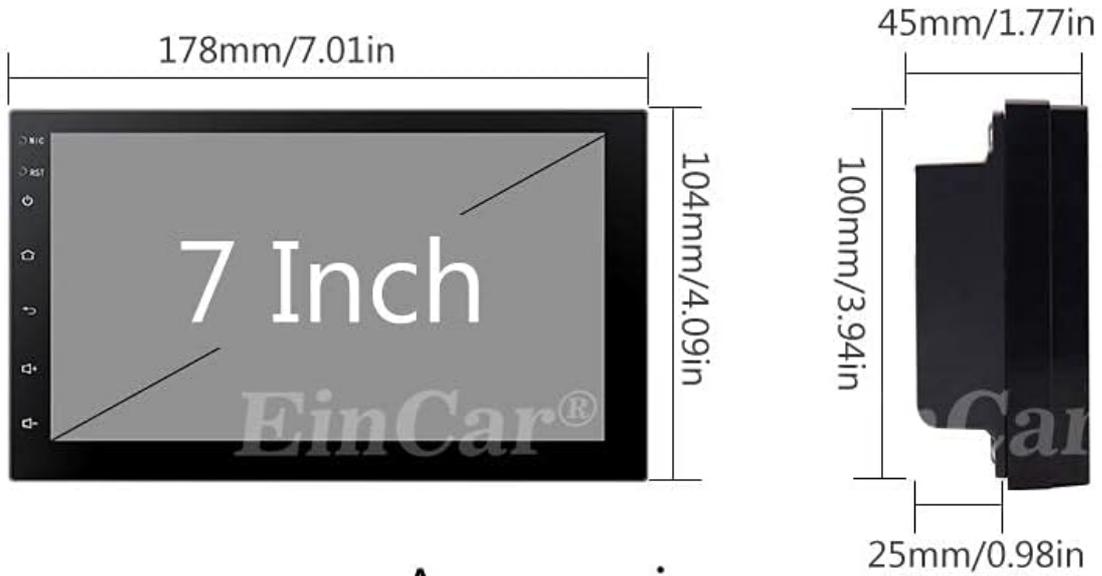
- Do not operate the device or watch videos while driving. Distracted driving can lead to serious accidents.
- Ensure proper wiring and insulation to prevent short circuits and electrical hazards.
- Consult a professional for installation if you are unsure about any steps.
- Keep the device away from water, moisture, and extreme temperatures.
- Do not attempt to disassemble or modify the unit. This will void the warranty.

3. PACKAGE CONTENTS AND PRODUCT OVERVIEW

3.1. Package Contents

Verify that all items are present in the package:

Dimensions



Accessories



1 x Power Cable



2 x AV Cable



1 x GPS Antenna



2 x USB Cable



2 x Install Bracket
(4 x Screws)



Built In Manual

Back Display



- ① Power Cable Diagram
- ② Fuse
- ③ RCA Output Socket
- ④ GPS Antenna

Image 3.1: Detailed view of the car stereo's dimensions, along with a clear display of all included accessories and the back panel connections.

- 1 x EINCAR 7-inch Android Car Stereo Unit
- 1 x Power Cable
- 2 x AV Cables
- 1 x GPS Antenna
- 2 x USB Cables
- 2 x Install Brackets (with 4 x Screws)
- 1 x Rear View Camera
- 1 x User Manual (Built-in)

3.2. Product Dimensions

The unit features a standard double DIN size for compatibility with most vehicles. Refer to the image below for precise measurements:

Dimension	Measurement
Width	178 mm (7.01 inches)
Height	100 mm (3.94 inches)
Depth (Main Unit)	104 mm (4.09 inches)
Depth (Rear Section)	45 mm (1.77 inches)

3.3. Back Display Connections

The rear panel of the unit provides various ports for power, audio/video output, and external accessories.

1. Power Cable Diagram connection point
2. Fuse location
3. RCA Output Sockets
4. GPS Antenna connection point

4. INSTALLATION

Installation of the car stereo requires careful attention to wiring and mounting. A wire diagram is provided with the unit to assist you. If you are not confident with the installation process, it is highly recommended to seek professional assistance.

- **Mounting:** Use the provided install brackets and screws to secure the unit in your vehicle's double DIN slot.
- **Power Connection:** Connect the power cable according to the provided wiring diagram. Ensure correct positive, negative, and accessory wire connections.
- **Speaker Connections:** Connect your vehicle's speaker wires to the corresponding outputs on the stereo's wiring harness.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
- **Rear View Camera:** Install the rear view camera at the back of your vehicle and connect its video

output to the dedicated input on the stereo. Ensure the reverse trigger wire is connected for automatic display when reversing.

- **USB Connections:** Route the USB cables to an accessible location, such as the glove compartment or center console.
- **Testing:** Before fully reassembling your dashboard, perform a quick test to ensure all functions (power, audio, touch screen, GPS, camera) are working correctly.

5. INITIAL SETUP

After successful installation, power on the unit and follow these steps for initial configuration:

- **Language Selection:** Upon first boot, you may be prompted to select your preferred language. The unit supports multiple OSD languages including German, French, Russian, Portuguese, Spanish, and English.
- **Time and Date:** Set the correct time zone, date, and time. This can often be synchronized automatically via GPS or network time if connected to Wi-Fi.
- **Wi-Fi Connection:**
 - a. Go to **Settings > Network & Internet > Wi-Fi**.
 - b. Turn Wi-Fi **On**.
 - c. Select your desired Wi-Fi network from the list and enter the password.
 - d. Once connected, you can browse the internet, download apps, and use online navigation.
- **GPS Setup:** The unit comes with pre-installed navigation. Ensure the GPS antenna is properly connected and positioned for optimal signal reception. You can also download and use other online map applications via Wi-Fi.

Wallpaper Setting

You can choose your favorite wallpaper as the boot screen.



USB Function

Support USB Storage equipment, so you can download your favorite songs and video.



Multi-language

OSD Languages: German, French, Russian, Portuguese, Spanish, English, etc



Image 5.1: Demonstrates the wallpaper setting feature, the dual USB port for storage, and the multi-language support of the system.

6. OPERATING INSTRUCTIONS

6.1. Main Interface Overview

The main interface provides quick access to key functions. Icons represent different applications or settings:

7" Capacitive HD Touch Screen

1080*600 high screen pixels, refined and high transmittance.



Built-in Instruction Manual

Please read before using to better understand the functions of the car stereo.



Instruction manual

*Some functions or setting items may different due to different machine versions.

【Main interface】
Description of "press" on the icons

① ② ③ ④ ⑤ ⑥

① "Press" to ...google Map	④ "Press" to...bluetooth
② "Press" to...radio	⑤ "Press" to...video play
③ "Press" to...music play	⑥ "Press" to...settings

Image 6.1: Highlights the 7-inch capacitive HD touch screen with 1024*600 resolution and illustrates the main interface icons and their functions.

1. Press to go to Google Map (or default navigation app).
2. Press to go to Radio.
3. Press to go to Music Play.
4. Press to go to Bluetooth.
5. Press to go to Video Play.
6. Press to go to Settings.

6.2. Bluetooth Function

The built-in Bluetooth module allows for hands-free calling and audio streaming.

Built In Bluetooth

Convenient hands-free call and Bluetooth music, built-in phonebook auto search contacts, synchronize your mobile phone book to the device, caller records, caller history.

Built-in Microphone for hands free calling function.



Support 1080p Video

Music Format: MP3、WMA、AAC、RM、FLAC etc
 Video Format: 1080P MPEG-1/2/4、H264、H263、VC1、RV、RMVB、DivX、VP8、AVS Stream etc.
 Picture Format: JPG/BMP/JEPG/GIF/PNG



Image 6.2: Shows the Bluetooth interface for hands-free calling and confirms support for 1080p video playback with various media formats.

- **Pairing:** Enable Bluetooth on your mobile phone and search for the device (usually named "EINCAR")

or similar). Select it and confirm pairing.

- **Hands-Free Calling:** Once paired, you can make and receive calls directly from the stereo. The built-in microphone ensures clear communication.
- **Phonebook:** Download your phone's contacts to the stereo for easy access.
- **Bluetooth Music (A2DP):** Stream audio from your phone to the car stereo wirelessly.

6.3. Phone Link (Mirror Link)

Mirror Link allows you to display your smartphone's screen on the car stereo's display.



The advertisement features a car's infotainment screen displaying a scene from the Disney movie 'Tangled'. A hand holds a smartphone in the foreground, also showing the same scene, demonstrating the Mirror Link functionality. The background is a blurred view of the car's interior. At the top right, the Eincar logo is accompanied by the tagline 'Expert in car electronics'. Below the main text, there are three icons: an Android icon with 'USB', another Android icon with 'WiFi', and an Apple icon with 'WiFi'. A decorative blue and purple bar is positioned above the icons.

Eincar[®] Expert in car electronics

Phone Link

Content from Android or iPhone smartphone can be mirrored onto this unit screen, so you can watch video on the bigger display.

Android USB Android WiFi Apple WiFi

WiFi/3G/4G

Using Internet Anywhere Just Got Easier

Using your smartphone to create a WiFi hotspot, or purchasing a 3G/4G dongle. So many ways for internet accessing. You can watch online movies, browse website or download a great road trip app with no worries.





Image 6.3: Illustrates the Phone Link (Mirror Link) functionality for both Android and iPhone, along with Wi-Fi/3G/4G connectivity and access to Google Play.

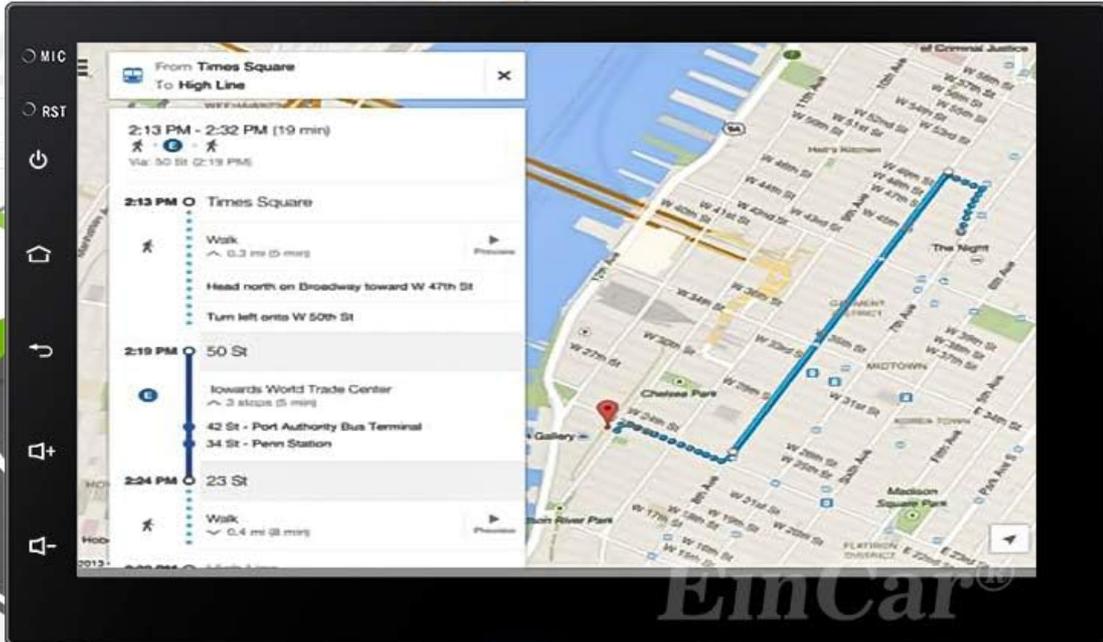
- **For iPhone:** Connect your iPhone to the stereo via Wi-Fi. The iPhone's display, including main menu, photos, videos, and online navigation, can be mirrored.
- **For Android:** Connect your Android phone using a USB charging cable to the stereo's USB port. The Android smartphone's display will be mirrored.

6.4. GPS Navigation

The unit supports both pre-installed offline maps and online navigation applications.

GPS Navigation

Support online and offline Map/ pre-install Navigation software, your long journey will no longer be bothered by the nightmare of getting lost.



Steering Wheel Control

Change the track, volume, etc. conveniently without taking your hands off the steering wheel, which makes your driving much safer. (Attention: Only support resistance based analog signal input steering wheel)

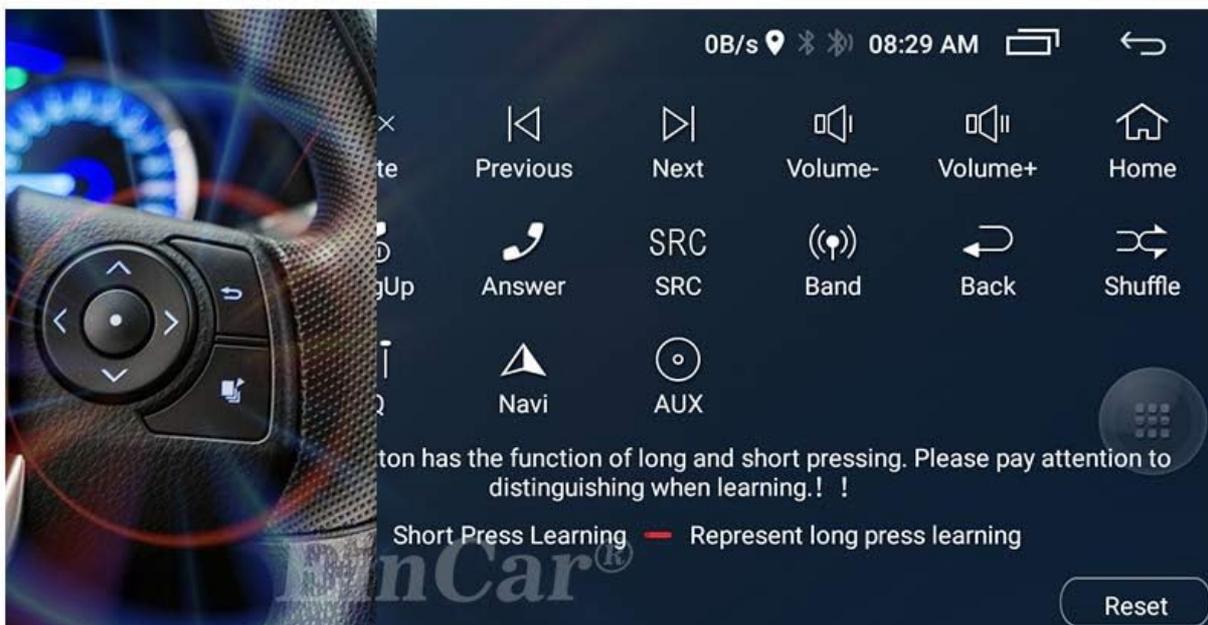


Image 6.4: Displays the GPS navigation interface showing a route, and explains the steering wheel control function for convenient operation.

- **Offline Maps:** Use the pre-loaded maps for navigation without an internet connection.
- **Online Maps:** Connect to Wi-Fi (via hotspot from your phone or a dongle) to use online mapping services like Google Maps, Waze, etc., which provide real-time traffic updates.

6.5. Multimedia Playback

The stereo supports various audio and video formats for playback from USB drives or internal storage.

- **Supported Video Formats:** 1080P MPEG-1/2/4, H264, H263, VC1, RV, RMVB, DivX, VP8, AVS Stream, etc.
- **Supported Music Formats:** MP3, WMA, AAC, RM, FLAC, etc.
- **Supported Picture Formats:** JPG/BMP/JPEG/GIF/PNG.
- **USB Playback:** Insert a USB drive into one of the USB ports to access your media files.

6.6. Steering Wheel Control

The unit supports resistance-based analog signal input steering wheel controls, allowing you to manage basic functions without taking your hands off the wheel.

- **Setup:** Access the Steering Wheel Control settings in the system menu. Follow the on-screen instructions to map your vehicle's steering wheel buttons to the stereo's functions (e.g., volume up/down, track skip, answer call).
- **Functions:** Typically includes volume control, track/station change, mode switching, and call answer/end.

6.7. Rear View Camera

The included rear view camera automatically displays the rear view on the screen when the vehicle is put into reverse gear, aiding in parking and maneuvering.

- Ensure the camera is properly installed and connected to the dedicated camera input and reverse trigger wire.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check the manufacturer's website or contact support for available software updates to ensure optimal performance and access to new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect its performance and lifespan.

8. TROUBLESHOOTING

If you encounter issues with your EINCAR car stereo, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No Power	Check power cable connections, fuse, and vehicle's power supply. Ensure the ignition is on.
No Sound	Check speaker wiring, volume level, and audio source selection. Ensure mute is not activated.

Problem	Possible Cause / Solution
Touch Screen Unresponsive	Restart the unit. If the problem persists, a factory reset might be needed (backup data first).
GPS Signal Lost / Inaccurate	Ensure GPS antenna is properly connected and has a clear view of the sky. Move to an open area.
Bluetooth Not Connecting	Ensure Bluetooth is enabled on both devices. Delete previous pairings and try re-pairing. Restart both devices.
Rear Camera Not Displaying	Check camera video input connection and reverse trigger wire connection. Ensure camera is powered.

For further assistance, please refer to the official help page via the card delivered with the package or contact EINCAR customer support.

9. SPECIFICATIONS

Feature	Detail
Operating System	Android 10.0
Screen Size	7 Inches
Display Type	Capacitive HD Touch Screen LCD
Screen Resolution	1024 x 600 pixels
Processor	Quad Core
RAM	1 GB
Internal Storage	16 GB
Connectivity	Bluetooth, Wi-Fi, USB
GPS	Built-in GPS Module, supports online/offline maps
Human Interface Input	Microphone, Touchscreen
Compatible Devices	Smartphone
Vehicle Service Type	Car
Dimensions (W x H)	178mm x 100mm (Double Din Standard)

10. WARRANTY AND SUPPORT

EINCAR is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, please retain your purchase receipt as proof of purchase.

For any issues, questions, or technical support, please contact EINCAR customer service. You can find contact information on the official help page via the card delivered with your package. Our support team aims to respond within 24 hours.

For the latest information, software updates, and additional resources, please visit the official EINCAR website.