

cogamichi D100-1

cogamichi 10 Inch Double Din Car Stereo D100-1 User Manual

Model: D100-1

1. INTRODUCTION

Thank you for choosing the cogamichi 10 Inch Double Din Car Stereo. This manual provides essential information for the proper installation, operation, and maintenance of your new car audio system. Please read this manual thoroughly before use to ensure optimal performance and to prevent damage.

This car stereo features a 10-inch QLED touchscreen, Android 12 operating system, 2GB RAM, 32GB internal storage, and compatibility with Wireless/Wired Apple CarPlay and Android Auto. It also includes built-in GPS navigation, AM/FM radio, Bluetooth 5.3, and supports steering wheel controls and a backup camera input.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, verify that all components are present in the package:

- 1x Main Head Unit (10 Inch Double Din Car Stereo)
- 1x Power Cable
- 1x Audio Video Adapter Cable
- 1x Backup Camera Video Input Cable
- 2x Installation Brackets
- 1x GPS Antenna
- 2x USB Adapter Cables
- 1x Live Rear View Camera

Product Size & Packing List



Image: Overview of the product dimensions and included accessories in the packing list.

2.2 Pre-Installation Notes

- Before connecting any wiring, disconnect the negative (-) terminal of your vehicle's battery to prevent electrical shorts.
- Some vehicles may require additional accessories such as a specific wiring harness, dash kit, antenna adapter, or Canbus decoder for proper fitment. These may need to be purchased separately from third-party suppliers like Metra, PAC, or Scosche.
- The car audio receiver requires ACC (Accessory) power. If your vehicle does not provide ACC power, you may need to purchase a Canbus decoder or power the unit through a fuse.

2.3 Screen Detachment and Adjustment

The 10-inch QLED screen features a floating design and can be detached or adjusted for optimal viewing angles.

- **Detaching the Screen Panel:** Gently lift the screen panel from its base as shown in the illustration.
- **Adjusting View Angle:** The screen supports a 178° full-viewing angle and can be adjusted $\pm 30^\circ$ forward/back, $\pm 30^\circ$ right/left tilt, and ± 1.6 inches vertically. Adjust the screen to a position that provides clear visibility for all occupants without obstructing other vehicle controls.

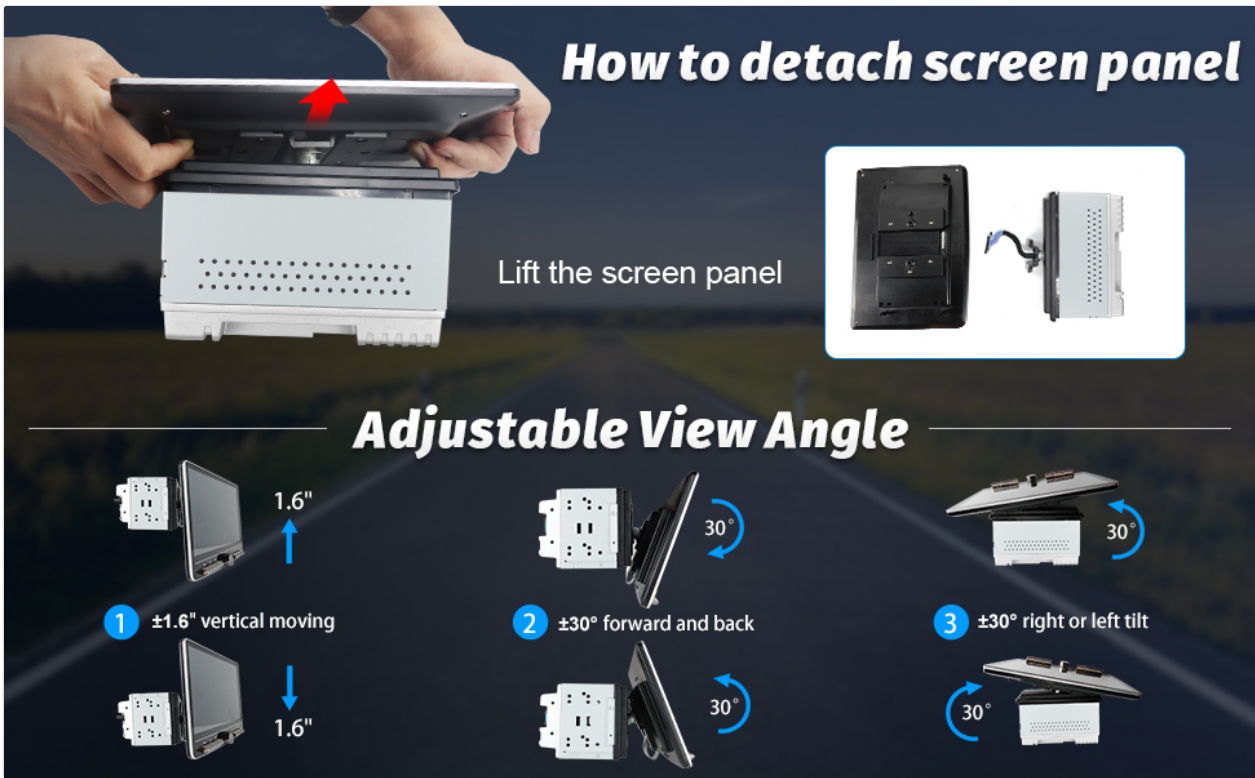


Image: Instructions for detaching the screen panel and adjusting its vertical, forward/back, and tilt angles.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Basic Controls

- **Power:** Press and hold the power button (usually integrated with the volume knob) to turn the unit on or off.
- **Volume:** Rotate the physical knob to adjust the volume.
- **Backlit Buttons:** The physical knob and buttons are backlit for easy operation in low-light conditions.

Practical Physical Keys



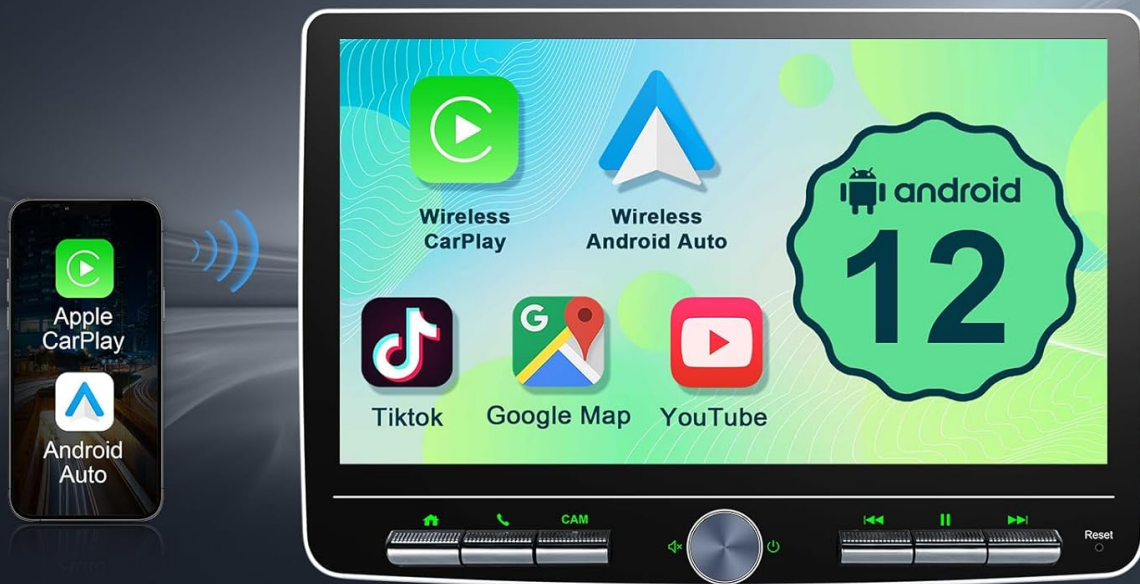
Image: Illustration of the physical keys and volume knob, highlighting their backlit feature and function.

3.2 Apple CarPlay & Android Auto

The stereo supports both Wireless and Wired Apple CarPlay and Android Auto for seamless smartphone integration.

- **Wireless Connection:** Ensure your phone's Bluetooth and Wi-Fi are enabled. Pair your phone with the car stereo via Bluetooth. Follow the on-screen prompts to activate Wireless CarPlay or Android Auto.
- **Wired Connection:** Connect your smartphone to the stereo using a USB cable. The system should automatically detect and launch CarPlay or Android Auto.
- **Compatibility:** For Wireless CarPlay, ensure Siri is enabled on your iPhone. For Wireless Android Auto, your phone must support 5GHz Wi-Fi and run Android 11 or above.

Wireless CarPlay & Android Auto



Connected to carplay and android auto via USB cable or bluetooth wireless connection



Works with **Wireless**
Apple CarPlay



Works with **Wireless**
Android Auto

Image: Display showing the Wireless CarPlay and Android Auto interface with various app icons.



Image: Demonstrates Bluetooth functionality for hands-free calling and music, and outlines steps to connect Apple CarPlay or Android Auto.

3.3 GPS Navigation

The unit includes built-in GPS navigation. You can use pre-installed maps or download additional navigation apps from the Google Play Store.

- **Online Maps:** To use online maps with real-time traffic updates, enable your mobile hotspot and connect the stereo to it.
- **Offline Maps:** Download maps for offline use to navigate without an internet connection, useful in areas with poor cell reception.

GPS Navigation & Voice Control

Free your hands and support lots of apps



Hi Siri, Navigate to Company

Hi Google, Play Music



Image: Shows the GPS navigation interface with voice control prompts for Siri and Google Assistant.

Enjoy The Convenience of Downloading and Using Apps

Please Note: Some Software May not be Able to Adapted to This System,
Depending on The Actual Operation.



Image: A driver's perspective of the GPS navigation system displaying a map and route information.

3.4 AM/FM Radio

Access your favorite radio stations with the built-in AM/FM tuner.

- **Tuning:** Use the touchscreen interface to scan for stations or manually tune to a specific frequency (FM 87.5-108.0 MHz).
- **Online Music via FM:** Online music can be transmitted to the car stereo through FM to enjoy the original car stereo sound.

AM FM Radio

Online music can be transmitted to the car stereo through FM to enjoy the original car stereo. FM 87.5-108.0 MHz.



EQ Setting

Supports 32 EQ presets (Jazz, Classic, Pop, Rock, Soft) support loudness and balance control



Image: Displays the AM/FM radio interface and the 32-band equalizer settings.

3.5 Audio Equalizer (EQ)

Customize your audio experience with the 32-band equalizer.

- **Presets:** Choose from 5 EQ presets (Jazz, Classic, Pop, Rock, Soft).
- **Manual Adjustment:** Manually adjust individual frequency bands to fine-tune the sound.
- **Balance Control:** Adjust loudness and audio balance (front/rear, left/right) for optimal sound distribution.

3.6 Steering Wheel Control (SWC)

Connect the SWC wire during installation and configure the buttons in the car settings menu to control functions like volume, track skipping, and call answering directly from your steering wheel.

Steering Wheel Control

Connect the SWC wire and learn the buttons in the car setting.



Bluetooth Function

You can easily access hands-free calling, phonebook download and music playback, realize you safer driving than before.



Image: Demonstrates how steering wheel controls can be used to manage media playback.

3.7 Backup Camera

The system supports a 1080P backup camera input. When the vehicle is shifted into reverse, the display will automatically switch to the camera view, providing a clear image with parking guidelines.

Backup Camera & Steering Wheel Control



Image: Shows the backup camera view on the screen, highlighting HD image, night vision, and waterproof features, alongside steering wheel control functionality.

3.8 App Installation and Usage

With the Android 12 system, you can download and install various applications from the Google Play Store.

- **Access Google Play:** Connect the stereo to the internet via Wi-Fi (e.g., mobile hotspot) to access the Google Play Store.
- **Download Apps:** Browse and install your preferred navigation, music streaming, video streaming, and utility apps.
- **Updates:** Keep your apps updated for the latest features and security enhancements.

10-Inch QLED Touch Screen

10 inch
Super Large

1280x720P
High Quantum

QLED Screen
6th Technology



Image: Illustrates the convenience of downloading and using various apps from Google Play on the car stereo.

4. MAINTENANCE

4.1 Screen Care

- Use a soft, lint-free cloth to clean the touchscreen.
- Do not use abrasive cleaners, solvents, or alcohol-based solutions, as these can damage the screen coating.
- Avoid pressing the screen with sharp objects.

4.2 General Cleaning

- Wipe the unit's exterior with a soft, dry cloth.
- Ensure all ports and connections are free from dust and debris.

4.3 Software Updates

Periodically check for software updates to ensure optimal performance and access to the latest features. Updates can typically be found in the system settings menu or on the manufacturer's support website.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, no ACC power, blown fuse.	Check power connections (ACC, B+, Ground). Ensure battery negative terminal was reconnected. Verify vehicle's fuse box. If no ACC, consider a Canbus decoder or fuse power.
No sound.	Volume too low, mute activated, incorrect speaker wiring.	Increase volume. Check if mute is active. Verify speaker connections. Ensure audio output mode is correctly configured.
CarPlay/Android Auto not connecting wirelessly.	Phone compatibility, Wi-Fi/Bluetooth issues, software version.	Ensure your phone supports 5GHz Wi-Fi (for Android Auto) and has the latest OS. Check if Siri is enabled (for CarPlay). Restart phone and stereo. Some Samsung S22/S23/S21 models may have compatibility issues with wireless CarPlay/Android Auto. iPads are not supported.
GPS navigation is slow or inaccurate.	Poor GPS signal, outdated maps, system lag.	Ensure GPS antenna is properly installed and has a clear view of the sky. Update map data. Close unnecessary background applications. Connect to mobile hotspot for real-time traffic data.
Backup camera shows black screen or garbled video.	Incorrect camera wiring, faulty camera, system glitch.	Check camera power and video signal connections. Ensure the camera is functioning correctly. Restart the stereo. If the issue persists after going forward and then reversing again, a system reset might be needed.
Some apps are not working or adapting to the system.	App compatibility, system resources.	Not all software may be adapted to this system. Ensure the app is updated. Clear app cache/data. Some apps may not be fully optimized for car stereo environments.

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

6. SPECIFICATIONS

Feature	Detail
Model Number	D100-1
Screen Size	10 Inch QLED Touchscreen
Screen Resolution	1280 x 720P (supports up to 1920 x 1080P)
Viewing Angle	178° Full-Viewing Angle, 30° Adjust View Angle

Feature	Detail
Operating System	Android 12
Processor	8-Core
RAM	2GB
Internal Storage	32GB
Connectivity	Bluetooth 5.3, Wi-Fi (2.4G/5G)
Audio Output	5.1 Channels DSP (Max output 4*45W, RMS 4*25W Built-in AMP), 5-CH RCA Audio Out (3.6V)
Equalizer	32-Band Equalizer with 5 Presets
Radio Tuner	AM/FM Tuner (FM 87.5-108.0 MHz)
Video Encoding	H.264, H.265/HEVC
Compatible Devices	Amplifier
Item Weight	5.66 pounds
Package Dimensions	11.77 x 10.35 x 7.44 inches

7. WARRANTY AND SUPPORT

7.1 Product Warranty

This cogamichi product comes with a **12-month replacement 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.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact cogamichi customer support. We aim to provide quick service within 24 hours.

- **Online Support:** Visit the official cogamichi website for FAQs, support resources, and contact information.
- **Seller Contact:** If purchased through an online marketplace, you may also contact the seller directly for support.