

EONON GA2196K

EONON GA2196K 10.1-inch Android 10 Car Stereo Navigation System User Manual

Model: GA2196K

1. INTRODUCTION

This user manual provides comprehensive instructions for the EONON GA2196K 10.1-inch Android 10 Car Stereo Navigation System. Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the product's features. Keep this manual for future reference.

2. PRODUCT FEATURES

- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, calls, and music. Supports both wireless and wired connections.
- **MirrorLink Functionality:** Display your smartphone's screen directly on the unit using the built-in Carbitlink app. Supports both wireless and wired connections.
- **High Performance & Storage:** Equipped with an 8-core processor, 8GB RAM, and 128GB ROM for fast, smooth operation and ample space for applications and data.
- **10.1-inch QLED Touchscreen:** Features a 1280*720P ultra-high-definition QLED display with quantum dot technology for vivid colors, sharp images, and wide viewing angles.
- **Customizable User Interface (UI):** Personalize your home screen and UI to match your preferences.
- **Integrated WiFi & 4G Module:** Connect to the internet via WiFi hotspot from your smartphone or by inserting a 4G SIM card directly into the unit (SIM card compatibility may vary by region and frequency band).
- **Bluetooth 5.0:** Offers faster data transfer speeds, wider communication range, and enhanced anti-interference capabilities for hands-free calling and music streaming from apps like Spotify and Apple Music.
- **Digital Sound Field Processing (DSP):** Adjust in-car sound with a full digital processing chip and 56-bit precision for realistic sound from various angles.

3. SETUP AND INSTALLATION

3.1 Package Contents

Before installation, verify that all components are present:

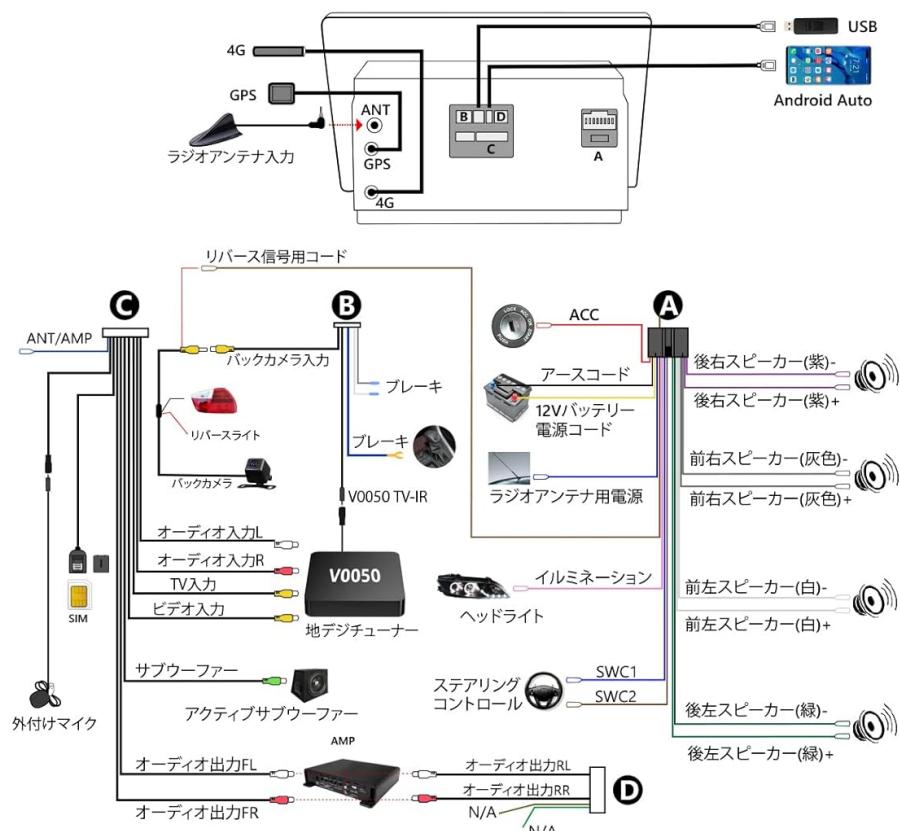
- Main Unit (EONON GA2196K)
- Power Cable
- GPS Antenna
- 4G Antenna
- USB Cables (6PIN and 4PIN)
- AV Cables
- Backup Camera Input Cable
- SIM Card Case
- External Microphone
- Mounting Screws (x8)
- 10A Fuse
- User Manual
- Warranty Card
- Display Disassembly Procedure

3.2 Physical Installation

The EONON GA2196K is designed for dashboard mounting. Ensure your vehicle's console panel size and shape are compatible. The panel size is 252mm (top) x 147mm (height) x 241mm (bottom). The installation size is 178mm (width) x 80mm (depth) x 100mm (height).

The screen angle can be adjusted by approximately 35mm between the LCD panel and the main unit. The panel can be adjusted up by 60mm and down by 40mm in the vertical direction.

*以下のすべてのアイテムが付属品には含まれているわけではありません。
詳細は付属品の内容をご参照ください。



ご注意一：SWC1とSWC2はステアリングリモコン配線です。車両側のステアリングリモコン配線は1本しかない場合、2本のいずれかを接続すればよく、どちらか一方をステアリングリモコンの(GND)アース配線として使用しないでください。

Aのアースコードは、本体電源のGND配線及びステアリングリモコンのGND配線として併用できます。

ご注意二：本製品を取り付ける際に、本体と液晶パネルを分解してから取り付ける場合、本体を取り付けた後に、電源を入れた状態で液晶パネルを装着しないでください。タッチパネルが反応しない原因となります。

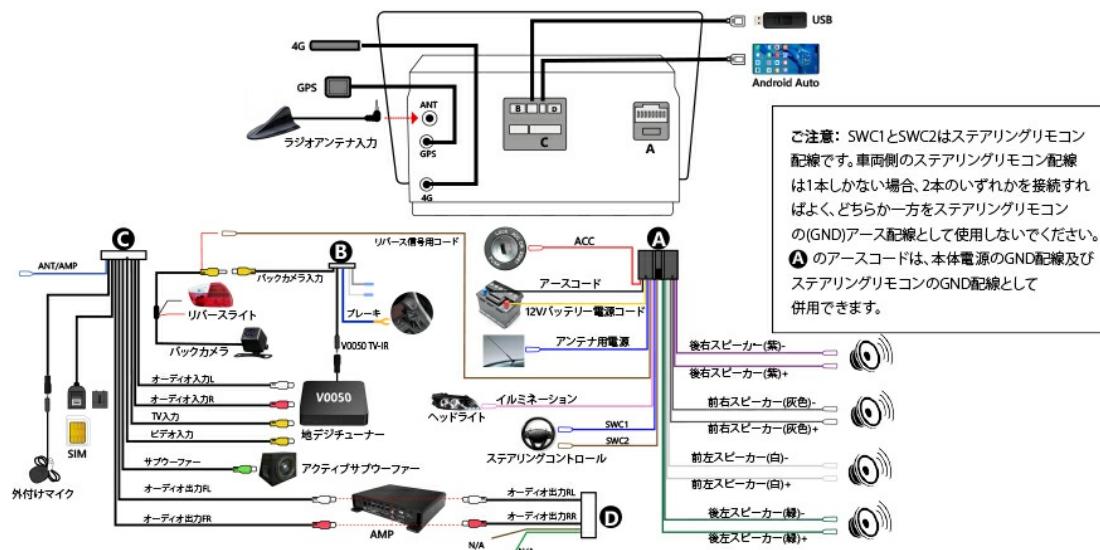
本体が通電した状態で液晶パネルを装着したことにより、タッチパネルが反応しない場合は、細長いものでRSTボタンを押してリセットしてください。

Image: Dimensions and adjustable screen positions of the EONON GA2196K.

3.3 Wiring Diagram

Refer to the following diagram for proper wiring connections. Incorrect wiring can cause damage to the unit or vehicle.

*以下のすべてのアイテムが付属品には含まれているわけではありません。詳細は付属品の内容をご参照ください。



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Image: Wiring diagram for the EONON GA2196K.

Important Wiring Notes:

- Steering Wheel Control (SWC1 & SWC2):** These are steering remote control wires. If your vehicle has two steering remote control wires, connect one to SWC1 or SWC2. If only one, connect it to either SWC1 or SWC2. The other wire should be connected to the steering remote control's ground (GND) wire.
- ACC Wire:** The ACC wire is used for the main unit's power supply and as the steering remote control's ground (GND) wire.
- Display Panel Installation:** When installing the product, separate the main unit and the LCD panel. Install the main unit first, then connect the power, and finally attach the LCD panel. Do not install the LCD panel while the power is connected, as this may cause the touch panel to become unresponsive. If the touch panel is unresponsive after installation, press the RST button with a thin object to reset the unit.

4. OPERATING INSTRUCTIONS

4.1 Wireless CarPlay & Android Auto

Connect your iPhone (iPhone 5 or later) or Android smartphone (Android 6.0 or later, with the latest Android Auto app installed) wirelessly or via USB to access navigation, make calls, send messages, and play music through the unit's interface. For wireless Android Auto, your smartphone must support 5GHz Wi-Fi.

ストレージ容量進化 8コア、RAM8GB、ROM128GB

EONON初大容量メモリ

8

コア
プロセッサー

8GB
RAM

128GB
ROM

Bluetooth5.0 搭載



2x
速度

4x
通信範囲

遅延や
ノイズが減る



スマートフォンなどで
Wi-Fiスポットを作成して、
インターネットに接続可能。



直接SIMカードを挿入して
ネット環境を作ることも可能。



WiFi/4Gモジュール内蔵

いろんな方法でネット環境利用可能!
そしてアプリをダウンロードおよびインストールでき、
音楽や動画を手軽に楽しめます。

* SIMカード（別途購入必要）は周波数帯域や地域によっては対応できない場合があります。

* サポートされている周波数帯域は：

3G : WCDMA Band1, Band5, Band8

4G :
FDD Band1, Band3, Band5, Band7, Band8, Band20
TDD Band38, Band39, Band40, Band41

Image: Wireless CarPlay and Android Auto connectivity.

4.2 MirrorLink Function

Use the pre-installed "Carbitlink" app to mirror your smartphone's screen onto the car stereo. This allows you to view photos, listen to music, and watch videos directly from your phone. Both wireless and wired connections are supported.

超高精細度なQLEDタッチスクリーン

量子ドット技術により、より豊かな色再現と低消費電力を実現!IPSディスプレイのメリットも持ります。

10.1インチ 1280*720P



斬新なUI

今までと違って斬新なUI。

ホーム画面でカーナビやドラレコ、ビデオなどのタスクをウィンドウ単位で表示可能。

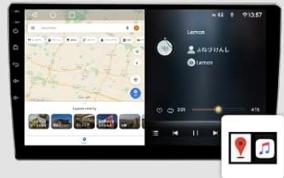
またお客様の好みに応じて、本機のUIをカスタマイズすることもできます。



Image: MirrorLink feature in action.

4.3 Navigation

Install map applications from the Google Play Store or use an Android map card (EONON G3048, sold separately) for online and offline navigation. Access up-to-date road information, 3D map displays, speed checker points, and speed control displays.



マルチウィンドウ表示

画面を左右に分割して表示することができます。2つのアプリの同時使用が可能。



ステアリングコントロール機能

よく使う操作をステアリングボタンに登録すれば、運転中に本体やリモコンに触れることなく、手元で操作OK、走行の安全に役立ちます。



OBD2対応可能

(EONON V0056 別売り)

Torqueアプリでエンジン回転数、車速、電圧、水温など車のパフォーマンスに関する情報を確認できます。



ドライブレコーダーモード

(EONON R0015 R0020別売り)

Android車載専用USB HD ドライブレコーダーで、ナビの大画面で撮影映像の確認や交通状況のモニタリングができます。

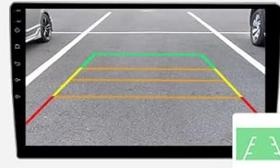


RCAで全画面シェア

(EONON A0594 別売り)

全てのモードの映像や画面表示をヘッドレストモニターなどの外部モニターに出力、後部座席でも映像を楽しめます。

*USB-RCA映像出力変換アダプタの別途購入が必要です。



AHDバックカメラ対応

(EONON A0126J A0119N別売り)

最大AHD (1920×1080) のバックカメラまで対応可能。

バックギアを入れると、

自動でバックカメラ画面に切り替わります。

Image: Navigation features and map display.

4.4 Audio Settings

The built-in DSP (Digital Sound Field Processing) allows for precise sound adjustments. Utilize the 48-band graphic equalizer to fine-tune audio frequencies and select optimal sound field settings for an enhanced listening experience.

カーナビ

地図アプリのインストール或いはAndroid地図カード(EONON G3048 別売り)によってオンライン地図、オフライン地図が簡単に利用出来ます。

Google Mapsなどの地図アプリはダウンロード可能で、いつも最新の地図情報をget！



インターネット不要で地図カード (G3048) によって最新の道路情報や簡潔な道順を提供します。



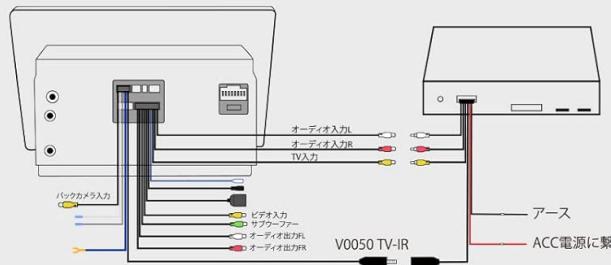
- ★ 3D立体表示可能
- ★ 明確なルート案内
- ★ 事故多発地点案内
- ★ 自動スピードチェックポイント表示
- ★ 速度コントロールポイント表示
- ★ るるぶDATAを収録しています(2021年12月末データです)

テレビ視聴可能 (EONON V0050 別売り)

外付け地デジチューナーを取り付ければ、テレビを視聴することができます。



本機のV0050 TV-IRをV0050の電源ケーブルの3.5mmコネクタに接続すると、タッチパネルからテレビの操作ができます。



* 上記の接続する方法でV0050のリモコンでテレビの操作ができなくなり、タッチ操作のみになります。

* 別途EONON専用線(V0050R)を買う必要がありません。

Image: Audio adjustment features including DSP and equalizer.

4.5 Multi-Window Display

The unit supports a multi-window display, allowing you to run and view two applications simultaneously on the screen. For example, you can have navigation open on one side and a media player on the other.

4.6 Steering Wheel Control

Register your vehicle's steering wheel controls with the unit to operate functions like volume, track changes, and calls without taking your hands off the wheel, enhancing driving safety.

4.7 OBD2 Compatibility

With an optional EONON O056 OBD2 scanner (sold separately), you can connect via Bluetooth to monitor various vehicle performance data such as engine RPM, speed, voltage, and water temperature using compatible apps like Torque.

4.8 Drive Recorder Mode

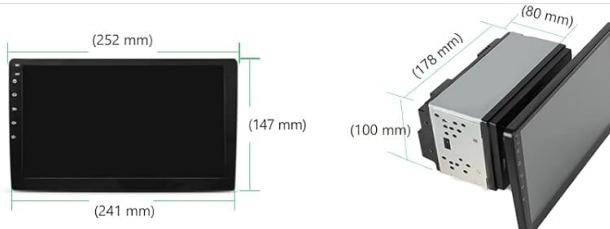
Connect a compatible USB HD drive recorder (EONON R0015 or R0020, sold separately) to record driving footage. View recordings and monitor traffic conditions directly on the large screen.

4.9 AHD Backup Camera Support

The unit supports AHD backup cameras (EONON A0126J or A0119J, sold separately) with resolutions up to 1920x1080. When shifting into reverse, the display automatically switches to the backup camera view.

パネルサイズ

252(上底)x147(高さ)x241(下底) mm

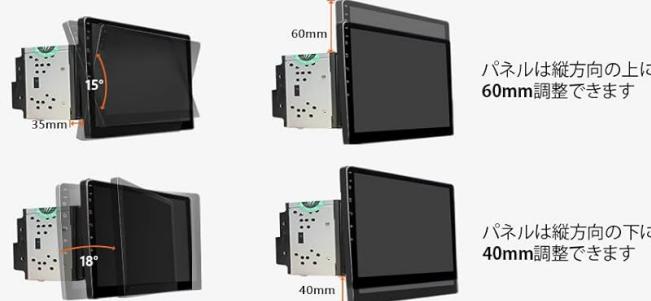


取付サイズ

178(幅)x80(奥行)x100(高さ) mm

液晶パネルと本体の間隔は 最大約35mm角度調整可能

ご注意:ご購入の前に、コンソールパネルの
サイズと形状をご確認ください。
本製品のサイズと合わない場合はサービス
センターまで直接お問い合わせ下さい。



付属品

GPSアンテナ×1	電源ケーブル×1	AVケーブル×1	AVケーブル×1	バックカメラ入力×1
USBケーブル×1	Android Auto用 USBケーブル×1	4Gアンテナ×1	マイク×1	取付用ネジ×8
10Aヒューズ×1	SIMカードホルダー×1	説明書×1	保証書×1	ディスプレイの 分解手順×1

Image: Various operational features including multi-window, steering control, OBD2, DVR, and backup camera.

5. MAINTENANCE

- Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the QLED touchscreen. Avoid abrasive cleaners or solvents.
- Software Updates:** Periodically check for and install software updates to ensure optimal performance and access to new features. Updates can typically be found on the EONON official website or through the unit's system settings.
- General Care:** Keep the unit free from dust and moisture. Avoid exposing it to extreme temperatures.

6. TROUBLESHOOTING

- Touch Panel Unresponsive:** If the touch panel does not respond after installation or during use, locate the RST (Reset) button (usually a small pinhole) and press it gently with a thin object (e.g., a paperclip). The unit will restart, and functionality should be restored.
- No Power:** Check all power connections according to the wiring diagram. Ensure the vehicle's ignition

is on and the fuse is not blown.

- **No Sound:** Verify speaker connections. Check volume levels and audio settings (DSP, equalizer). Ensure the correct audio source is selected.
- **GPS Signal Loss/Inaccuracy:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Avoid obstructions.
- **Hands-Free Call Noise:** If callers report noise during hands-free calls, check the external microphone's placement and ensure it is not obstructed. Adjust microphone sensitivity in settings if available.
- **Apps Crashing/Slow Performance:** Close unnecessary background applications. Clear app caches or reinstall problematic apps. If issues persist, perform a factory reset (note: this will erase all user data).

7. SPECIFICATIONS

Feature	Specification
Screen Size	10.1 inches
Display Type	QLED LCD
Resolution	1280*720P
Processor	8-core
RAM	8GB
Internal Storage (ROM)	128GB
Operating System	Android 10
Connectivity	Bluetooth 5.0, Wi-Fi, 4G (SIM card support), USB
Tuner Type	AM/FM
Map Type	Street (supports various navigation apps)
Mounting Type	Dashboard Mount
Compatible Vehicle Type	Passenger Car
Product Dimensions	34.4 x 21.8 x 20.8 cm
Product Weight	8 g (main unit only, accessories not included)

8. WARRANTY AND SUPPORT

8.1 Warranty Coverage

The warranty period for products purchased from our store is one year from the date of arrival. Please note that backup cameras, smartphone accessories, and parts have a warranty period of six months. This warranty covers product defects under normal use.

Exclusions:

- Damage caused by human factors such as drops or impacts due to carelessness.
- Malfunctions resulting from incorrect operation not in accordance with the instruction manual.
- Damage from connecting to an incompatible voltage power source.
- Malfunctions caused by disassembly, repair, or modification of the product.
- LCD monitor with 3 or fewer dead pixels.
- Damage to consumables and accessories (e.g., antennas, remote controls).
- Indirect damages caused by product malfunction.
- Products with removed or damaged warranty seals.
- Products beyond the warranty period.
- Damage caused by natural disasters or accidents.

The warranty applies only to the product itself. We do not compensate for costs incurred during installation/removal, vehicle replacement costs, or any third-party damages resulting from resale or other factors. We are not responsible for damages, malfunctions, or incorrect wiring during the installation process. When entrusting installation to a professional, please confirm the work process, content, and product characteristics with the installer at your own discretion.

8.2 Warranty Claim Procedure

1. Contact our customer support with details of the suspected malfunction, your purchase history (order number, date), and the serial number affixed to the product or its packaging.
2. Our customer support team will verify the reported issue with our technical department. If no immediate solution is found, a return number will be provided. Please write this return number on the shipping slip (e.g., in the item name field) and return the main unit along with all accessories to us. Please remove any items not originally included with our product before returning. If a disc or other item cannot be removed from the unit, please inform us in advance.
3. Defective products must be returned within 7 days of receiving the return number.

8.3 Specific Response Details

- **Within 14 days of product arrival:** If a defect is reported and confirmed, we will cover round-trip shipping costs and provide a replacement. If the product is not returned within 7 days of receiving the return number, the warranty terms for items beyond 14 days will apply.
- **15 days to 1 year after product arrival (or 6 months for specific items):** If a defect is reported and confirmed, the customer is responsible for round-trip shipping costs, and we will provide a replacement.

Please Note:

- If the product is not returned to us, no exchange will be provided.
- We do not bear any costs related to the installation or removal of the product.
- Once the return process is complete, please provide us with the tracking number of the shipment.
- Refunds are generally not accepted.
- If the shipping address for the replacement product differs from the original purchase address, please inform us.

Related Documents - GA2196K

	<p><u>Eonon VWA12S User Manual: Features, Installation, and Operation Guide</u></p> <p>Comprehensive user manual for the Eonon VWA12S car infotainment system. Covers product overview, features like Wireless CarPlay and Android Auto, GPS navigation, Bluetooth, settings, and troubleshooting for your Eonon VWA12S car stereo.</p>
	<p><u>BMW 3 Series E46 Installation Manual - Eonon Head Unit</u></p> <p>Step-by-step installation guide for an Eonon head unit in a BMW 3 Series 1999-2004 (E46). Covers removal of factory components and installation of the new unit.</p>
	<p><u>Eonon X20 User Manual: Car Stereo Installation, Features, and Troubleshooting</u></p> <p>Comprehensive user manual for the Eonon X20 car stereo. Learn about installation, features like Android Auto, CarPlay, Bluetooth, USB/SD playback, settings, and troubleshooting tips.</p>
	<p><u>Eonon X3 User Manual: Car Stereo Features and Operation</u></p> <p>Comprehensive user manual for the Eonon X3 car stereo, detailing features like wireless CarPlay, Android Auto, Bluetooth connectivity, USB/SD media playback, radio functions, and settings.</p>
	<p><u>Eonon P3 User Manual: Installation, Features, and Connectivity</u></p> <p>Comprehensive user manual for the Eonon P3 car multimedia player. Learn about installation, product features, connectivity options like Apple CarPlay and Android Auto, screen mirroring, and find solutions in the FAQ section.</p>
	<p><u>Eonon Q49PRO User Manual</u></p> <p>User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.</p>