

Eonon GA2190K

EONON GA2190K 10.1-inch Android 10 Car Navigation System User Manual

Model: GA2190K | Brand: Eonon

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EONON GA2190K 10.1-inch Android 10 Car Navigation System. Please read this manual thoroughly before using the product to ensure proper functionality and safety.



Figure 1: EONON GA2190K Car Navigation System

2. KEY FEATURES

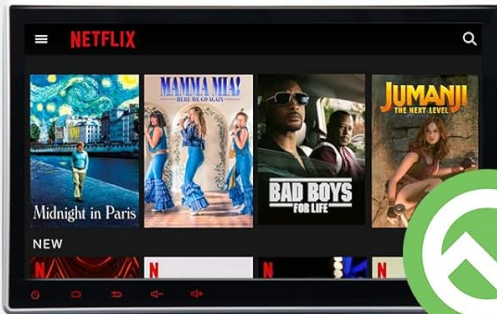
- **High-Performance Processor:** Equipped with an advanced 8-core CPU, 4GB RAM, and 64GB ROM for smooth operation and ample storage.
- **Advanced Connectivity:** Built-in 4G module and Wi-Fi support for internet access, plus Bluetooth 5.0 for faster data transfer and hands-free communication.
- **Smartphone Integration:** Compatible with wired Apple CarPlay and wired Android Auto for seamless smartphone connectivity.
- **Mirroring Function:** Supports both wireless and wired mirroring for iPhone and Android smartphones via the 'EasyConnection' app.
- **Superior Display:** 10.1-inch IPS touch panel with 1024x600 resolution, offering clear visuals from any angle and a customizable UI.
- **Enhanced Audio:** Built-in DSP (Digital Sound Field Processing) with a 48-band graphic equalizer and 8 EQ modes for a personalized audio experience.
- **Multimedia Playback:** Integrated DVD player and RCA output for full-screen sharing to external monitors.
- **Expandable Functions:** Supports offline navigation with a dedicated map card, TV viewing with an external digital tuner, AHD backup cameras, OBD2 diagnostics, and drive recorders.

3. PRODUCT OVERVIEW AND COMPONENTS

3.1 Main Unit Features

Android 10

高速でスムーズなエクスペリエンスを常時に提供でき、さらに多くのアプリに対応、データ転送速度を向上させ、より多くの作業を同時にスムーズに処理できます。



起動時間の進化

電源投入 1 秒で起動。これまでの機種より速い!



iPhone接続可

このカーステレオは運転中の安全を考慮して設計したものです。

iPhoneと簡単に接続し、iPhoneのボイスアシスタントと話したりディスプレイに触れるだけで、ナビゲーション情報を取得したり、電話をかけたり、音楽を楽しむことができます。



Figure 2: Overview of GA2190K's main features including 4G, AHD camera support, 8-core CPU, 4GB RAM, 64GB ROM, 10.1-inch IPS display, Android 10, iPhone connectivity, DSP, unique UI, and built-in CD/DVD player.

3.2 Included Accessories

付属品

 GPSアンテナ×1 (3m)	 電源ケーブル×1	 AVケーブル×1	 AVケーブル×1	 マイク×1 (3m)
 USBケーブル×1 (0.8m)	 USBケーブル×1 (0.8m)	 4Gアンテナ×1 (2m)	 バックカメラ入力×1	 10Aヒューズ×1
 取付用ネジ×8	 分解ツールx1	 スクリーン 分解ツールx1	 説明書×1	

Figure 3: Standard accessories included with the GA2190K unit. These typically include GPS antenna, power cable, AV cables, microphone, USB cables, 4G antenna, backup camera input, 10A fuse, mounting screws, and disassembly tools.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your EONON GA2190K. It is recommended that installation be performed by a qualified professional.

4.1 General Installation Guide (for similar models)

Your browser does not support the video tag.

Video 1: This video demonstrates the installation process for the IAH10D 10.1-inch car navigation system, which shares similar installation principles with the GA2190K. It covers mounting the unit into a double DIN opening.

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Video 2: This video illustrates the panel removal and installation method for the UX7SKJ-PRO-MAX, which can be helpful for understanding general panel handling for EONON units.

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Video 3: This video demonstrates the front panel removal and installation method for the UX6SKJ-PRO-MAX, providing general guidance for similar EONON units.

4.2 Panel Assembly and Disassembly

The display panel is detachable from the main unit. Follow these steps for proper handling:

1. Align the display panel with the main unit, ensuring the connectors are properly oriented.
2. Gently push the panel onto the main unit until it clicks into place.
3. To remove, simultaneously press the safety switches on both sides inwards and lift the panel upwards.
4. Carefully disconnect the ribbon cable by pushing the clips inwards and pulling the cable downwards.

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Video 4: This video demonstrates the process of attaching and detaching the display panel from the main unit, including handling the ribbon cable.

5. OPERATING INSTRUCTIONS

5.1 Android 10 System Overview

The GA2190K runs on a powerful Android 10 system, offering a smooth and responsive user experience. You can install various applications from the Google Play Store.

Wi-Fi/ 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&インストールでき、
音楽や動画を手軽にお楽しめます。



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。

*SIMカードの場合は周波数帯域や地域などで対応できない時はあります。

Bluetooth5.0 搭載

Bluetooth5.0は、より速いデータ転送速度、
より広い通信範囲、より強化された耐干渉性を備えています。
Bluetoothで「Spotify」と「Apple Music」などの音楽
アプリに対応、たくさんの曲を良い音質で楽しめます。
また、運転中にハンズフリーでの通話が可能です。



2x
速度

4x
通信範囲

遅延や
ノイズが減る

ミラーリング機能対応

(Easy Connection アプリ対応)

本体内蔵の「EasyConnection」で、スマートフォンの写真、
音楽、動画などをそのまま本体に同期することができます。

ワイヤレスも有線接続も対応できます。



独特なUIデザイン

今までと違った独特なUIデザイン。ホーム画面はカスタマイズ可能。
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ができます。



Figure 4: Android 10 interface and iPhone connection capabilities.

5.2 Connectivity (Wi-Fi, 4G SIM, Bluetooth)

Stay connected on the go with multiple options:

- **Wi-Fi:** Connect to a Wi-Fi hotspot from your smartphone for internet access.
- **4G SIM:** Directly insert a 4G SIM card into the unit for independent internet connectivity (check regional frequency band compatibility).
- **Bluetooth 5.0:** Enjoy hands-free calling and high-quality audio streaming from your smartphone.

車内のサウンドをより美しく

DSP (Digital Sound Field Processing) はフルデジタル処理チップと強力な56ビットの倍精度モードを備えているため、あらゆる角度から音声信号を調整することができます。

最大出力4 x 45 Wでよりワイドでリアルなサウンドを実現。



30バンドグラフィックイコライザー



最適な音場の選択

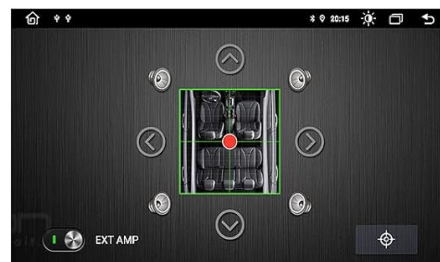


Figure 5: Visual representation of Wi-Fi, 4G, Bluetooth 5.0, and mirroring functionalities.

5.3 CarPlay & Android Auto

Integrate your smartphone for a safer and more convenient driving experience:

- **Wired Apple CarPlay:** Connect your iPhone (iPhone 5 or later) to access navigation, make calls, send messages, and play music via Siri voice control or the touch screen.
- **Wired Android Auto:** Connect your Android smartphone (requires EONON A0585 USB dongle, sold separately) to use Google Assistant, navigation, and media apps.

10.1インチ進化したIPSフルタッチ Android10静電式一体型車載PC



Figure 6: CarPlay and Android Auto interfaces displayed on the unit.

5.4 Mirroring Function

Share your smartphone's screen directly to the GA2190K display:

- Use the built-in 'EasyConnection' app to mirror photos, music, and videos from your iPhone or Android smartphone.
- Supports both wireless and wired connections.

5.5 Display and User Interface

The 10.1-inch IPS display offers vibrant visuals and a user-friendly interface:

- **IPS Touch Panel:** 1024x600 ultra-high resolution for clear images from any viewing angle.
- **Unique UI Design:** Customizable UI colors to match your preference, providing a personalized experience.
- **Multi-Window Display:** Run two applications simultaneously on the screen, such as navigation and music.

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Video 5: This video provides an overview of the UI and features of a similar EONON unit (GA2198J), demonstrating multi-tasking, app installation, and QLED display capabilities.

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Video 6: This video introduces the UI of a similar EONON unit, showcasing split-screen functionality, volume control, media player integration, and day/night mode switching.

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Video 7: This video demonstrates various functions of a similar EONON unit (UX7SKJ-PRO-MAX), including map display, music playback, video playback, and system information.

5.6 Audio Features (DSP, Equalizer)

Experience superior sound quality with advanced audio processing:

- **Built-in DSP:** Digital Sound Field Processing with a 56-bit double-precision mode for precise sound signal adjustment.
- **48-Band Graphic Equalizer:** Customize your audio with a detailed equalizer and 8 preset EQ modes.
- **Time Correction:** Adjust sound field and time delay for optimal listening.

超高精細解像度 IPS タッチスクリーン

1024×600の超高精細解像度を備えています。
より精細な画面を映し出すことができます。
また、特別な IPS タッチボタンデザインだから、
どの角度から見ても
自然で理想的な画像を楽しむことができます。



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。



バックカメラ連動 (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。



パネルサイズ 245 (幅) × 153 (高さ) mm 取付サイズ 170 (幅) × 178 (長さ) × 100 (高さ) mm



Figure 7: Visual interface for DSP and graphic equalizer settings.

5.7 Navigation

Navigate with ease using various map options:

- **Offline Maps:** Use a dedicated map card (EONON G3047, sold separately) for navigation without an internet connection.
- **Online Maps:** Utilize Google Maps or other navigation apps downloaded from the Play Store.

5.8 Additional Features

- **Steering Wheel Control:** Connect to your vehicle's steering wheel controls for convenient operation.
- **AHD Backup Camera Support:** Connect AHD backup cameras (EONON A0126J, A0119N, sold separately) for enhanced parking safety.
- **OBD2 Diagnostics:** Link with an OBD2 car diagnostic tool (EONON V0056, sold separately) to monitor vehicle data.
- **Drive Recorder Mode:** Connect drive recorders (EONON R0020, R0019H, R0018H, sold separately) to view footage on the large screen.
- **TV Viewing:** Connect an external digital tuner (EONON V0050, sold separately) to watch TV in your car.

Eonon Android地図カード (EONON G3048 別売り)

地図カードによって、最新の道路情報と簡潔な道順を提供します。

- ★オフラインで使用可能、インターネット不要
- ★3D立体表示可能 ★明確なルート案内
- ★自動スピードチェッカーポイント表示
- ★速度コントロールポイント表示
- ★事故多発地点案内
- ★るるぶDATAを収録しています
(2021年12月末データです)。

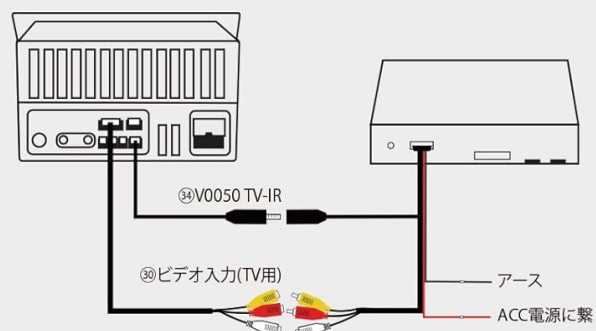


テレビ視聴可能 (EONON V0035 V0050別売り)

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③V0050 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。

Figure 8: IPS touchscreen, panel adjustment, and backup camera integration.



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です。



カーナビ

Google Mapsなどの地図アプリのインストールによってオンライン地図、オフライン地図が簡単に利用できます。



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

(EONON V0056 OBD2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。



カーオートプレイ USBドングル対応可

(EONON A0585別売り)

USBドングルをスマホとカーオーディオに接続するだけで、カーオートプレイシステムを車内で使用できます。

*Androidスマホ接続の場合のみ必要です。



RCAで全画面シェア (EONON A0595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。

Figure 9: Overview of navigation, TV, AHD camera, OBD2, drive recorder, and RCA output functionalities.

6. SPECIFICATIONS

Feature	Specification
Screen Size	10.1 inches
Display Type	IPS LCD
Resolution	1024x600
Operating System	Android 10
RAM	4GB
ROM	64GB
Processor	8-core
Connectivity	Bluetooth 5.0, Wi-Fi, 4G (SIM card support), USB

Feature	Specification
Tuner Type	AM/FM
Compatible Devices	Smartphones
Map Type	Street
Special Features	Hands-free, CarPlay, Android Auto, Mirroring, DSP, DVD Player
Mounting Type	Dashboard Mount
Product Dimensions	24.5 x 20.5 x 15.3 cm
Product Weight	3.57 kg

7. MAINTENANCE

To ensure the longevity and optimal performance of your EONON GA2190K, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Regularly check for and install system software updates to ensure stability and access to new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

8. TROUBLESHOOTING

If you encounter any issues with your EONON GA2190K, please refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the ignition is on.
- **No Sound:** Verify volume settings, check speaker connections, and ensure the correct audio source is selected.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, perform a factory reset (note: this will erase all user data).
- **Bluetooth/Wi-Fi Connection Issues:** Ensure Bluetooth/Wi-Fi is enabled on both the unit and your smartphone. Try re-pairing devices or restarting the unit.
- **Navigation Problems:** Ensure GPS antenna is properly installed and has a clear view of the sky. Check map data for updates.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact Eonon customer support.

9. WARRANTY AND SUPPORT

Eonon is committed to providing quality automotive electronics. For any product-related inquiries, technical assistance, or warranty claims, please contact our customer support team. Our dedicated team is ready to


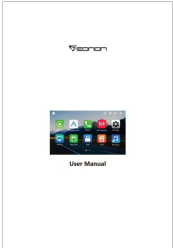



assist you with any questions or concerns.

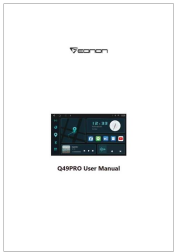
Please refer to your purchase documentation or the official Eonon website for specific warranty terms and contact information.



Figure 10: Eonon Brand Logo

Related Documents - GA2190K

 <p>The cover of the Eonon GPA13 Car Media Player User Manual. It features the Eonon logo at the top, a central image of the car's infotainment screen displaying a navigation map, and a QR code at the bottom right.</p>	<p>Eonon GPA13 Car Media Player User Manual</p> <p>Comprehensive user manual for the Eonon GPA13 Car Media Player, covering installation, features like Radio, CarPlay, Android Auto, settings, specifications, and troubleshooting.</p>
 <p>The cover of the Eonon Car Multimedia System User Manual. It features the Eonon logo at the top, a central image of the car's infotainment screen displaying various app icons, and the text 'User Manual' at the bottom.</p>	<p>Eonon Car Multimedia System User Manual</p> <p>Comprehensive user manual for the Eonon car multimedia system, detailing installation, product overview, features like CarPlay, Android Auto, Bluetooth phone calls and music, USB/SD playback, screen mirroring, FM transmit, settings, specifications, and frequently asked questions.</p>
 <p>The cover of the Eonon VWA12S User Manual. It features the Eonon logo at the top.</p>	<p>Eonon VWA12S User Manual: Features, Installation, and Operation Guide</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>The cover of the Eonon X3 User Manual. It features the Eonon logo at the top.</p>	<p>Eonon X3 User Manual: Car Stereo Features and Operation</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>The cover of the Eonon P3 User Manual. It features the Eonon logo at the top and a QR code at the bottom right.</p>	<p>Eonon P3 User Manual: Installation, Features, and Connectivity</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>



[Eonon Q49PRO User Manual](#)

User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.