

OLLMART GA2187J

EONON 2DIN Android 10.1-inch IPS Car Navigation System

Model: GA2187J

INTRODUCTION



Figure 0: The EONON 2DIN Android 10.1-inch IPS Car Navigation System.

This manual provides comprehensive instructions for the EONON 2DIN Android 10.1-inch IPS Car Navigation System, model GA2187J. This device integrates advanced features such as the Android 10 operating system, a high-definition touch screen, and various connectivity options to enhance your in-car experience. Please read this manual thoroughly before

installation and operation to ensure proper use and optimal performance.

SETUP AND INSTALLATION

Package Contents

Verify that all items listed below are included in your package:

- GPS Antenna (1)
- Power Cable (1)
- AV Cable (2)
- Microphone (1)
- USB Cable (2)
- Wi-Fi Antenna (1)
- 15A Fuse (1)
- Disassembly Tool (1)
- Mounting Screws (4)
- User Manual (1)



Figure 1: Contents of the EONON GA2187J package, including cables, antennas, and tools.

Wiring Diagram

Refer to the following diagram for correct wiring connections. Ensure all connections are secure before powering on the device. Incorrect wiring can cause damage to the unit or vehicle electrical system.

付属品

<p>1</p>  <p>GPSアンテナ×1 (3m)</p>	<p>2</p>  <p>電源ケーブル×1</p>	<p>3</p>  <p>AVケーブル×1</p>	<p>4</p>  <p>AVケーブル×1</p>
<p>5</p>  <p>マイク×1 (3m)</p>	<p>6</p>  <p>USBケーブル×1 (1m)</p>	<p>7</p>  <p>USBケーブル×1 (1m)</p>	<p>8</p>  <p>Wi-Fiアンテナ ×1 (1.5m)</p>
<p>9</p>  <p>15Aヒューズ×1</p>	<p>10</p>  <p>分解ツールx1</p>	<p>11</p>  <p>取付用ネジ×4</p>	<p>12</p>  <p>説明書×1</p>

Figure 2: Detailed wiring connections for the EONON GA2187J unit, showing power, audio, and accessory inputs.

1. Wi-Fi Upgrade Terminal
2. Backup Camera Input
3. SWC2 (Steering Wheel Control 2)
4. ACC (Accessory Power)
5. GND (Ground)
6. Rear Speaker (Purple)+
7. Brake Signal Cable
8. SWC1 (Steering Wheel Control 1)
9. Reverse Signal Cable
10. Left Rear Speaker (Green)+
11. Left Front Speaker (White)-
12. Right Front Speaker (Gray)+
13. Rear Speaker (Purple)-
14. Front Speaker (White)+

15. Headlight Signal Cable
16. Rear Speaker (Gray)-
17. 12V Battery Power Cable
18. Rear Speaker (Green)-
19. Ground Cable
20. RR Audio Output
21. RL Audio Output
22. FR Audio Output
23. FL Audio Output
24. Subwoofer Output
25. Video Output 1
26. Video Output 2
27. AMP (Amplifier Control)
28. ANT (Antenna Control)
29. USB Port
30. USB Port
31. External Microphone
32. AUX Audio Input (Right)
33. AUX Audio Input (Left)
34. Video Input
35. DR-V Input
36. GPS Antenna

OPERATING INSTRUCTIONS

Android 10 System Overview

The GA2187J operates on Android 10, providing a stable and responsive user experience. It features an MTK 8227L 1.2GHz ARM A7 Quad-core processor, 2GB RAM, and 16GB ROM, allowing for quick application launches and smooth multitasking.



Figure 3: The main interface of the Android 10 operating system, showing various application icons.

Display and User Interface

The device is equipped with a 10.1-inch HD digital full-touch capacitive IPS screen, offering a resolution of 1024x600 pixels and supporting 1080P HD video playback. The IPS technology ensures clear and vibrant visuals from various viewing angles. The multi-window display feature allows you to run two applications simultaneously, splitting the screen for enhanced productivity.

1024x600の超高精細解像度 IPS タッチスクリーン

10.1インチ IPS フルタッチ静電容量式スクリーンは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。



視野角調整可能

調整可能な回転ジョイントを備えた革新的なデザイン。ディスプレイを自由に調整してチラツキを効果的に回避、より快適な視野角が実現。



マルチウインドウ表示

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。



RCAで全画面シェア

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や
フリップダウン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。



Figure 4: The 10.1-inch display showcasing multi-window functionality and the adjustable viewing angle mechanism.

Connectivity (Wi-Fi, 4G, Bluetooth)

Wi-Fi & 4G: Connect to a Wi-Fi hotspot or a 4G dongle (sold separately) to access online maps, stream music and videos, and download applications from the Google Play Store.

Bluetooth: Pair your mobile phone via Bluetooth (version 2.0 or higher) to enjoy wireless music streaming and hands-free calling. The system supports phonebook synchronization and caller ID display.

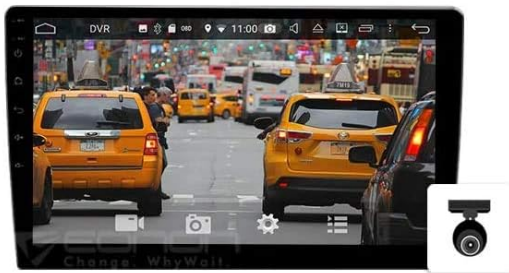
カーナビ

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。



ドライブレコーダーモード (EONON R0015 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 dongle対応可 (EONON A0585別売り)

USB Dongle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。



Wi-Fi/4G対応

スマートフォンでWi-Fiスポットを作成するか、または4G dongleを購入してください。そして、アプリをダウンロード&インストールすれば、音楽や動画を手軽にお楽しみ頂けます。



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。



バックカメラ連動 (EONON A0119N A0125N A0130N別売り)

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。

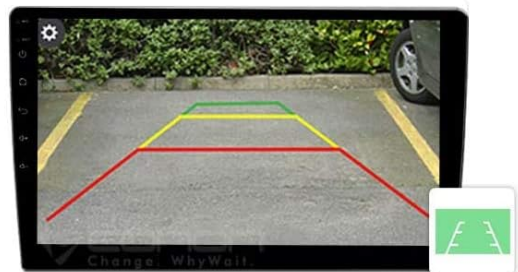


Figure 5: Overview of connectivity options and compatible accessories such as Wi-Fi, 4G dongle, drive recorder, OBD2, and backup camera.

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 6: An iPhone connected to the unit, demonstrating the Mirror Link functionality for voice assistant and app control.

Navigation

The system supports navigation applications. You can use online maps via Wi-Fi/4G or install offline maps using an SD card (e.g., EONON Android Map Card G3046, sold separately). Features include 3D map display, clear route guidance, automatic speed checker point display, speed control point alerts, and accident information.

Eonon Android地図カード (EONON G3046 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
(2019年12月データです)。



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。



EONON専用線 (V0050R)

専用配線で本機に地デジチューナー(V0050)を接続すると、タッチパネルからテレビの操作ができます。



Figure 7: The EONON Android Map Card (16GB) and a screenshot of the navigation interface with route guidance.

Multimedia Functions

Audio/Video Playback: Enjoy music and videos from various sources, including USB, SD card, and streaming apps.

RCA Full Screen Share: Share the display content to external monitors, such as headrest monitors or flip-down monitors, allowing passengers in the rear to enjoy videos.

Digital TV Tuner (Optional): Connect an EONON digital TV tuner (V0050R, sold separately) to watch TV directly on the unit's screen. The tuner can be controlled via the navigation system's touch panel.



- | | | |
|------------------|--------------------|-------------------|
| 1. WiFiアップグレード端子 | 13. 後右スピーカー(紫)- | 25. ビデオ出力1 |
| 2. バックカメラ入力 | 14. 前左スピーカー (白) + | 26. ビデオ出力2 |
| 3. SWC2 | 15. ヘッドライト信号コード | 27. AMP |
| 4. ACC | 16. 前右スピーカー (灰色) - | 28. ANT |
| 5. GND | 17. 12Vバッテリー電源コード | 29. USBポート |
| 6. 後右スピーカー(紫)+ | 18. 後左スピーカー(緑) - | 30. USBポート |
| 7. ブレーキ信号用コード | 19. アースコード | 31. 外付けマイク |
| 8. SWC1 | 20. RRオーディオ出力 | 32. AUXオーディオ入力(右) |
| 9. リバース信号用コード | 21. RLオーディオ出力 | 33. AUXオーディオ入力(左) |
| 10. 後左スピーカー(緑) + | 22. FRオーディオ出力 | 34. ビデオ入力 |
| 11. 前左スピーカー(白)- | 23. FLオーディオ出力 | 35. DR-V 入力 |
| 12. 前右スピーカー(灰色)+ | 24. サブウーファー出力 | 36. GPSアンテナ |

Figure 8: Demonstrates RCA full-screen sharing to a rear monitor and the connection setup for the optional EONON V0050R digital TV tuner.

Optional Accessories Integration

- **Drive Recorder Mode (EONON R0015, sold separately):** Connect a compatible drive recorder to view recorded footage and traffic conditions on the large screen.
- **OBD2 Support (EONON V0056 OBD2, sold separately):** Monitor engine RPM, speed, voltage, water temperature, and other vehicle performance data.
- **Backup Camera Linkage (EONON A0119N, A0125N, A0130N, sold separately):** When reverse gear is engaged, the system automatically switches to the backup camera display.
- **CarPlay/USB Dongle (EONON A0585, sold separately):** Connect a USB dongle for CarPlay functionality, integrating your smartphone's features into the car system.

MAINTENANCE

To ensure the longevity and optimal performance of your EONON car navigation system, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for system software updates to ensure you have the latest features and bug fixes. Updates can typically be performed via Wi-Fi.
- **Cable Connections:** Regularly check all cable connections to ensure they are secure and free from damage. Loose connections can lead to intermittent issues.
- **Avoid Extreme Temperatures:** Do not expose the device to extreme heat or cold, as this can affect its electronic components and screen.

TROUBLESHOOTING

If you encounter issues with your EONON car navigation system, refer to the following common problems and solutions:

- **No Power:**
 - Check the power cable connection to the unit and the vehicle's power source.
 - Verify the vehicle's fuse box for any blown fuses related to the car stereo.
 - Ensure the ACC (Accessory) wire is correctly connected and receiving power when the ignition is on.
- **No Sound:**
 - Check speaker wire connections.
 - Ensure the volume is not muted or set to a very low level.
 - Verify that the correct audio source is selected.
 - If using an external amplifier, check its power and connections.
- **GPS Signal Loss or Inaccurate Navigation:**
 - Ensure the GPS antenna is properly installed and has a clear view of the sky.
 - Check the GPS antenna connection to the unit.
 - Update navigation maps if they are outdated.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the car unit and your mobile device.
 - Delete previous pairings and try pairing again.
 - Move your mobile device closer to the unit.
 - Restart both the car unit and your mobile device.
- **Touch Screen Unresponsive:**
 - Restart the unit.
 - Ensure the screen is clean and free from debris.
 - If the issue persists, a factory reset might be necessary (consult support).

SPECIFICATIONS

Feature	Detail
Brand	OLLMART

Feature	Detail
Model Number	GA2187JR
Screen Size	10.1 inches
Display Type	LCD
Resolution	1024x600
Connectivity Technology	AUX, RCA, USB, Wi-Fi
Map Type	Street
Memory Storage Capacity	16 GB
Human Interface Input	Touchscreen, Buttons, Microphone
Control Method	Touch
Compatible Vehicle Type	Passenger Car
Batteries Included	No

WARRANTY AND SUPPORT

This product comes with a 1-year manufacturer's warranty. For warranty details, please refer to the official EONON website: [EONON Warranty Policy](#).

For any questions regarding operation or if you encounter any issues with the product, please contact EONON customer support directly at **03-4405-5960**. When contacting support, please provide your order number, name, details of the issue, and the product's serial number.