

EONON V0050

EONON V0050 Digital TV Tuner Instruction Manual

Model: V0050 | Brand: EONON

1. INTRODUCTION

The EONON V0050 is a high-performance 4x4 digital TV tuner designed for in-car use. It supports both Full-Seg and One-Seg broadcasting, offering stable reception and high-definition video output via HDMI. This manual provides essential information for the proper installation, operation, and maintenance of your device.

2. PRODUCT FEATURES

- **High Sensitivity & High Image Quality:** Features 4x4 high-performance for stable reception. Compatible with DC 9V-40V vehicles, suitable for cars, trucks, and buses. Supports HDMI output (version 1.4 or lower).
- **Automatic Full-Seg/One-Seg Switching:** Capable of simultaneous reception of both Full-Seg (1920x1080) and One-Seg (320x240) broadcasts. Automatically switches between Full-Seg and One-Seg modes seamlessly based on signal conditions.
- **High-Speed Reception:** Maintains stable reception of high-definition TV signals at speeds up to 150 km/h. Reception frequency range: 170-770MHz (UHF). Signal reception sensitivity: 95dB.
- **Power Memory Function:** Remembers the last viewed channel when the power is turned off, providing convenience upon restart.
- **Wide Compatibility:** Connects to monitors 4.3 inches or larger with AV input or HDMI, including car navigation systems, car DVD players, flip-down monitors, rearview mirror monitors, sun visor monitors, and headrest monitors.

3. PACKAGE CONTENTS

Please check that all items are present and in good condition:

- V0050 Digital TV Tuner Main Unit
- Remote Control (batteries not included)

- Mini B-CAS Card
- IR Receiver Cable
- Power AV Cable
- Antennas (4 pieces)
- Cable Clamps (4 pieces)
- Japanese Instruction Manual

・受信信号:

ISDB-T フルセグ／ワンセグ

・受信周波数範囲:

170～770MHz (UHF)

・4×4 アンテナ入力設計

・HDTV (高精細度テレビジョン放送)

信号受信感度: 95dB

・SDTV (標準テレビジョン放送)

信号受信感度: 85dB

・EPG (電子番組ガイド) 情報対応

・HDMI (バージョン1.4以下) 出力対応

・CVBS映像信号出力対応 (PAL/NTSC選択可)

・自動／手動スキャン可能

・字幕表示対応

・メニュー言語: 日本語／英語

・USB／SDアップデート対応

・電源記憶機能

・総重量: 950g



Image: All accessories included with the EONON V0050 Digital TV Tuner.

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Power Connection:** Connect the power AV cable to the V0050 unit and your vehicle's power source. The unit supports DC 9V-40V, making it compatible with various vehicle types including passenger cars, trucks, and buses.

Ensure a secure ground connection.

2. **Antenna Installation:** Install the four provided antennas. For optimal reception, strategically place them on your vehicle's windows or other non-metallic surfaces. The 4x4 antenna design enhances signal stability.
3. **Video Output Connection:** Connect the V0050 unit to your car monitor or navigation system using either the HDMI cable (version 1.4 or lower) or the AV output cables. Ensure your display device has a compatible input and is 4.3 inches or larger.
4. **IR Receiver:** Mount the IR receiver cable in a location where it has a clear line of sight to the remote control.
5. **Secure Wiring:** Use the provided cable clamps to neatly secure all wiring, preventing interference and ensuring a tidy installation.

フルセグ／ワンセグ 同時受信可能 HDTV（高精細度テレビジョン放送）受信対応



フルセグ⇄ワンセグ 自動切替！

* 電波状況に応じて、切れ目なく切り替わります。



Image: Connection diagram and vehicle compatibility for the V0050 tuner.

4×4受信技術

最高速度150kmまでハイビジョンテレビ
信号を正常に受信可能！高感度で、
安定性にすぐれた車載用TVチューナーです。

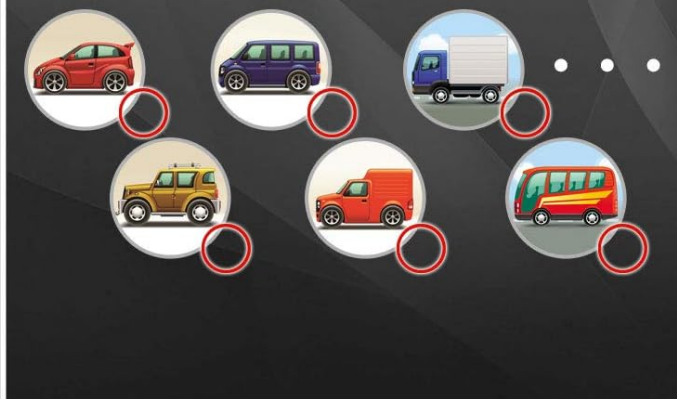


HDMI (バージョン1.4以下) 出力対応



DC9V~40V車輻対応

乗用車だけではなく、トラックやバス等の
大型車輻でも使用可能です。



電源記憶機能

前回電源OFF時に観ていたチャンネルを
記憶することができます。



Image: Guidance on antenna installation for the V0050 tuner.

Note: This product is designed for DIY installation. If you are unsure about any steps, it is recommended to consult a professional installer to avoid damage to the product or your vehicle.

5. OPERATING INSTRUCTIONS

Once installed, operate your V0050 Digital TV Tuner using the remote control:

- **Initial Setup:** Upon first use or after moving to a new broadcast area, perform an automatic channel scan. The tuner will automatically search and store available Full-Seg and One-Seg channels.
- **Channel Selection:** Use the 'CH+' and 'CH-' buttons on the remote control to navigate through channels. You can also directly input channel numbers.
- **Automatic Switching:** The V0050 automatically switches between Full-Seg and One-Seg broadcasts based on signal strength, ensuring continuous viewing without manual intervention.
- **Power Memory:** The unit will remember the last channel viewed before power-off, resuming playback from that

channel when powered on again.

- **Electronic Program Guide (EPG):** Access the EPG to view program information and schedules.
- **Subtitle Display:** The tuner supports subtitle display for compatible broadcasts.
- **Menu Language:** The menu supports both Japanese and English languages.
- **Software Update:** The unit supports software updates via USB/SD. Refer to the EONON website for the latest firmware and instructions.

V0050

高感度高画質 地上デジタル 4×4ハイビジョンテレビチューナー

DC9V~40V対応 バス・トラックなど大型車でも使用可能



Image: Automatic Full-Seg/One-Seg switching for seamless viewing.

6. MAINTENANCE

To ensure the longevity and optimal performance of your EONON V0050 Digital TV Tuner, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the unit with a soft, dry cloth. Do not use liquid cleaners or solvents, as they may damage the surface or internal components.

- **Environment:** Avoid exposing the unit to extreme temperatures, direct sunlight, high humidity, or dusty environments.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion or damage.
- **Antennas:** Ensure the antennas are securely attached and positioned correctly for the best signal reception.

7. TROUBLESHOOTING

If you encounter issues with your V0050 tuner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Poor or no signal reception (mostly One-Seg)	Weak signal area; improper antenna placement; incorrect antenna connection.	Check antenna connections and ensure all four antennas are properly installed. Reposition antennas for better signal. Perform an automatic channel scan. Note that signal strength varies by location.
No picture or sound	Loose power or AV/HDMI cables; incorrect input selected on monitor.	Verify all cables (power, AV, HDMI) are securely connected. Ensure your car monitor is set to the correct input source (e.g., AV1, HDMI).
Remote control not working	Dead batteries; IR receiver obstructed; remote not pointed correctly.	Replace remote control batteries. Ensure the IR receiver is not obstructed and is pointed towards the remote.
Automatic channel search does not start	Automatic search setting is disabled.	Access the system settings via the remote control and ensure the automatic search function is enabled.

If the problem persists after trying these solutions, please contact EONON customer support.

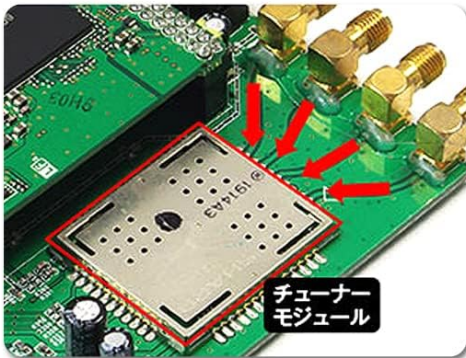
8. SPECIFICATIONS

Feature	Detail
Model Number	V0050
Dimensions (L x W x H)	14.2 x 8.7 x 2.6 cm
Weight	900 g
Connectivity	HDMI, USB
Compatible Devices	TV (Monitors 4.3 inches or larger with AV/HDMI input)
Reception Signal	ISDB-T Full-Seg / One-Seg
Reception Frequency Range	170-770MHz (UHF)

Feature	Detail
HDTV Signal Sensitivity	95dB
SDTV Signal Sensitivity	85dB
Power Input	DC 9V-40V

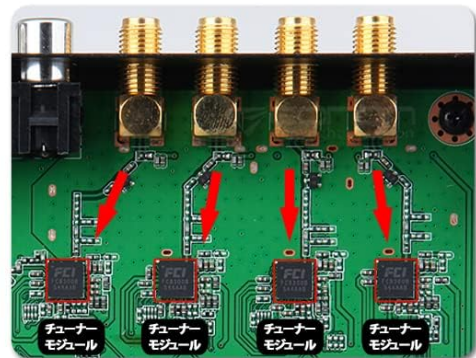


格安の4×4車載地デジチューナーをお求めの際は以下の点にご注意ください!



某社製チューナー

4つのアンテナから
1つのチューナーへ入力されています。
これでは4つのアンテナの意味がありません。



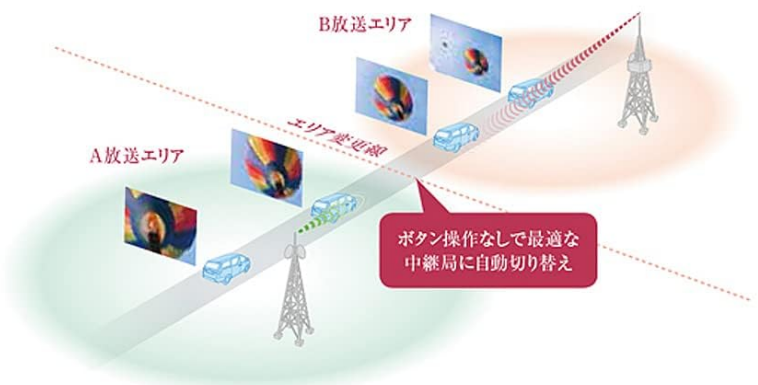
当社製チューナー

4つのアンテナから
4つのチューナーへ入力されています。
電波情報をフルに活用、あらゆる方向から、より
広範囲な電波受信を実現!

走行中も安定してフルセグを受信できるチューナーをお求めなら、4つのアンテナ入力に対して4つのチューナーモジュールを搭載した当社の製品をオススメいたします!

自動／手動スキャン可能

自動車で長距離移動中に、他の放送地域に移動した場合でも、その都度チャンネルをスキャンする必要はありません。
【V0050】地デジチューナーは、常に電波の受信状態を測定していますので、電波が途切れた場合、受信可能な周波数を自動的にスキャンします。



* 電子番組表 (EPG) 確認可能

* 自動、手動チャンネルサーチ可能

* 字幕放送対応

* 「番組内容」で チャンネル情報、番組情報表示可能

Image: Physical dimensions and key features of the V0050 tuner.

9. WARRANTY AND SUPPORT

Warranty Coverage

- **Warranty Period:** The warranty period for this product is 1 year from the date of arrival. Please note that for back cameras, smartphone goods, and parts, the warranty period is 6 months.
- **Initial Defect Period (within 14 days of arrival):** If a defect is reported within 14 days of product arrival and

confirmed, EONON will cover round-trip shipping costs for exchange. If the product is not returned within 7 days of receiving the return number, it will be handled under the standard warranty terms.

- **Standard Warranty Period (15 days to 1 year after arrival):**If a defect is reported within this period and confirmed, the customer will be responsible for round-trip shipping costs for exchange.

Warranty Exclusions

The warranty does not cover the following conditions:

- Damage caused by drops, impacts, or other human-induced factors due to carelessness.
- Malfunctions resulting from incorrect operation not in accordance with the instruction manual.
- Damage from connecting to a non-compatible voltage power supply.
- Malfunctions arising from disassembly, repair, or modification of the product.
- LCD monitors with 3 or fewer dead pixels.
- Damage to consumables and accessories (e.g., antennas, remote control).
- Indirect damages caused by product malfunction.
- Products with removed or broken warranty seals.
- Products where the warranty period has expired.
- Damage caused by natural disasters or accidents.

Support Contact

For any issues or warranty claims, please contact EONON customer support with your purchase history (order number, date) and the product's serial number. Our customer service team will verify the issue with our technical department and provide a return number if necessary.

When returning a product, please ensure all original accessories are included. Remove any non-EONON accessories before shipping. If a disc or other item cannot be removed from the unit, please inform us in advance.

Please note that EONON is not responsible for installation or removal costs, replacement vehicle costs, or any third-party damages incurred during installation or use. Installation should be performed at your own discretion, confirming the work process, content, and product characteristics with the installer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question