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> WeCar Backup Camera Connection Cable User Manual for Carrozzeria Rakunavi Lite AVIC-MRZ99

WeCar AVIC-MRZ99

WeCar Backup Camera Connection Cable for Carrozzeria Rakunavi Lite AVIC-MRZ99 (RD-C106 Compatible)

Model: AVIC-MRZ99

INTRODUCTION

This manual provides instructions for the WeCar backup camera adapter, designed to connect aftermarket backup cameras to compatible Carrozzeria, Cyber Navi, Rakunavi, and Rakunavi Lite car navigation systems. This adapter facilitates the input of video signals from RCA-output backup camera units into dedicated camera input terminals, ensuring seamless integration without complex wiring modifications. It is specifically compatible with the Rakunavi Lite AVIC-MRZ99 model.

COMPATIBILITY

This product is compatible with the following Carrozzeria Rakunavi Lite model:

- **Rakunavi Lite:** AVIC-MRZ99

The adapter supports backup cameras with RCA video output. Only CMOS type cameras are compatible for installation with this adapter.

モデル	ナビ番号	年式
カロツツエリア	AVIC-VH9000 AVIC-ZH9000	2008年モデル
カロツツエリア	AVIC-VH9900 AVIC-ZH9900	2009年モデル
カロツツエリア	AVIC-VH9990 AVIC-ZH9990 AVIC-HRZ990 AVIC-MRZ99 AVIC-MRZ77 AVIC-MRZ66 AVIC-MRZ90G AVIC-MRZ90II AVIC-MRZ85	2010年モデル
カロツツエリア	AVIC-VH09CS AVIC-ZH09CS AVIC-VH09 AVIC-ZH09 AVIC-ZH07 AVIC-ZH09-MEV	2011年モデル
カロツツエリア	AVIC-VH99HUD AVIC-ZH99HUD AVIC-VH99CS AVIC-ZH99CS AVIC-VH99 AVIC-ZH99 AVIC-ZH77	2012年モデル
カロツツエリア	AVIC-ZH0007 AVIC-VH0009HUD AVIC-VH0009CS AVIC-VH0009 AVIC-ZH0009 AVIC-ZH0009HUD AVIC-ZH0009CS	2013年モデル
カロツツエリア	AVIC-VH0099 AVIC-VH0099H AVIC-VH0099S AVIC-ZH0099W AVIC-ZH0099WH AVIC-ZH0099WS AVIC-ZH0099 AVIC-ZH0099H AVIC-ZH0099S AVIC-ZH0077 AVIC-ZH0077W	2014年モデル
カロツツエリア	AVIC-VH0999 AVIC-VH0999S AVIC-ZH0999 AVIC-ZH0999S AVIC-ZH0999L AVIC-ZH0999LS AVIC-ZH0999W AVIC-ZH0999WS AVIC-ZH0777 AVIC-ZH0777W	2015年モデル
楽ナビ	AVIC-HRZ900	
楽ナビ	AVIC-HRZ990	
楽ナビLite	AVIC-MRZ66	
楽ナビLite	AVIC-MRZ77	
楽ナビLite	AVIC-MRZ85	
楽ナビLite	AVIC-MRZ90	
楽ナビLite	AVIC-MRZ90G	
楽ナビLite	AVIC-MRZ9011	
楽ナビLite	AVIC-MRZ99	
EVナビ	AVIC-HRZ990	
EVナビ	AVIC-HRZ900	
EVナビ	AVIC-ZH09-MEV	

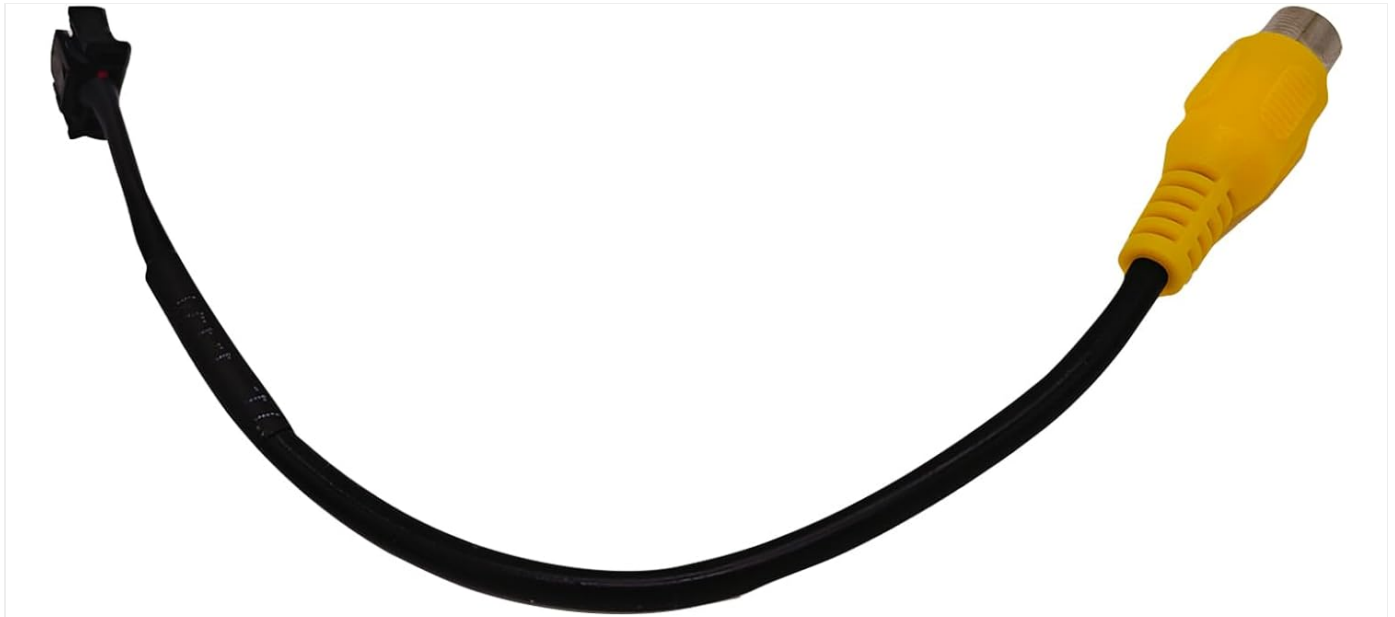
Image: Compatibility table showing various Carrozzeria navigation models and their compatible years. The table lists models such as AVIC-VH9000, AVIC-ZH9900, AVIC-MRZ99, and others under categories like Carrozzeria, Rakunavi, Rakunavi Lite, and EV Navi.

SETUP AND INSTALLATION

Follow these steps to install the WeCar backup camera connection cable:

- Safety First:** Before beginning installation, ensure the vehicle's battery is disconnected. Wait at least 5 minutes after disconnecting the battery to allow any residual power to dissipate.
- Access Navigation Unit:** Carefully remove the car navigation unit from its mounting location in the vehicle dashboard. Refer to your vehicle's service manual or the navigation unit's manual for specific removal instructions.
- Connect Adapter:** Locate the white 5-pin connector on the back of the navigation unit. Insert the WeCar backup camera connection cable into the 5-pin coupler located next to this white connector.
- Connect Backup Camera:** Connect the RCA terminal of your aftermarket backup camera to the corresponding RCA input on the WeCar adapter cable.
- Temporary Test:** Before fully reinstalling the navigation unit, perform a temporary setup. Reconnect the vehicle battery and test the backup camera functionality to ensure proper operation.
- Secure Installation:** Once confirmed working, disconnect the battery again, secure all connections, and reinstall the navigation unit and any removed vehicle panels.

Note: The installation method uses a coupler (connector) type, allowing for easy connection without requiring complex wiring modifications. If the adapter needs to be removed, the navigation system can be easily restored to its original state.



バックカメラアダプター

carrozzeria (カロツェリア) /サイバーナビ/楽ナビ/楽ナビLite

で利用できる、バックカメラアダプターです。サイズ:約18cm

(汎用品ですので純正品と形状は異なります) RCA端子でないバックカメラ専用入力に、RCA映像出力を装備したバックカメラユニット (ND-BC7/BC30II等) を接続するための変換コネクタです

カロツェリア以外のバックカメラも取り付ける事が可能となります

取付可能なカメラは、CMOSカメラとなります

Image: A diagram illustrating the connection process. It shows the backup camera adapter connecting to the car navigation unit, with separate lines for the backup signal and camera power. An example backup camera is also shown connected via RCA.

取付説明書

特徴

・加工なしでカーナビにつなげます！

・バックカメラ入力側端子形状：RCAコードメスプラグ(黄)
※アルパインナビには標準でバックカメラ等のRCA映像入力(黄)ができる配線がついています。当製品を使用することで、RCA映像入力(黄)を追加できます。

汎用バックカメラのRCA端子をナビゲーションに適合したコネクター形状に変換



カロツェリア RD-C100の互換

- ※各商品ページの適合表をご確認ください。
- ※この商品はRCA端子形状のカメラにのみ対応しています。
- ※また、カーナビ本体の特性により、CMOSカメラのみが使用可能です。
- ※CCDカメラはカーナビが読み込めません。

Image: The WeCar backup camera adapter cable, approximately 18cm long, featuring an RCA female connector on one end and a proprietary 5-pin connector on the other, designed for direct connection to the navigation unit.

OPERATING INSTRUCTIONS

Once the backup camera adapter and camera are correctly installed, operation is straightforward and similar to using a genuine product:

- **Automatic Screen Switching:** When the navigation unit receives a reverse signal (e.g., when the vehicle is shifted into reverse gear), the screen will automatically switch to display the backup camera feed.
- **Guideline Display:** If your navigation system has a built-in guideline display function, these guidelines will appear on the screen along with the camera feed, assisting with parking and maneuvering.
- **Camera Power:** Ensure your backup camera is properly powered according to its manufacturer's instructions. The WeCar adapter handles the video signal conversion, but camera power is typically managed separately.

MAINTENANCE

The WeCar backup camera connection cable is a passive adapter and requires minimal maintenance. Keep connections clean and secure. Avoid exposing the cable to extreme temperatures or moisture. If the cable or connectors appear damaged, replace the unit.

TROUBLESHOOTING

- **No Camera Image:**
 - Check all cable connections, ensuring they are secure and fully inserted.
 - Verify that the backup camera itself is receiving power and functioning correctly.
 - Ensure the vehicle is in reverse gear to trigger the camera display.
 - Confirm that your backup camera is a CMOS type, as other types may not be compatible.
- **Poor Image Quality:**
 - Inspect the camera lens for dirt or obstructions.
 - Check the RCA cable for damage or kinks.
- **Screen Does Not Switch Automatically:**
 - Ensure the reverse signal wire to the navigation unit is correctly connected (if applicable, refer to your navigation unit's manual).
 - Confirm the adapter is fully seated in the navigation unit's input.

SPECIFICATIONS

Brand	WeCar
Model Compatibility	Carrozzeria Rakunavi Lite AVIC-MRZ99 (RD-C106 Compatible)
Product Dimensions (L x W x H)	Approximately 20 x 30 x 30 mm (Adapter cable length approx. 18 cm)
Input Type	RCA Video (Female)
Output Type	5-pin coupler for Carrozzeria navigation systems
Compatible Camera Type	CMOS cameras with RCA video output
Country of Origin	China
ASIN	B0D62S69F

WARRANTY AND SUPPORT

This product comes with a warranty against manufacturing defects. For warranty claims or technical support, please contact your retailer or the manufacturer, WeCar, directly. Please retain your proof of purchase for warranty validation.