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Panasonic CN-RA03D / CN-RA03WD

Panasonic Car AV Interface Code for Rear Monitor Video Output

Models: CN-RA03D, CN-RA03WD

Part Number: PZ34-RA03WD

PRODUCT OVERVIEW

This Panasonic Car AV Interface Code is designed to expand the connectivity options of your Panasonic navigation system, specifically models CN-RA03D and CN-RA03WD. It enables the connection of external video and audio devices such as rear seat monitors (flip-down or headrest monitors), rearview cameras, and drive recorders. This genuine Panasonic accessory ensures reliable performance and compatibility with your existing system.



Image: The Panasonic Car AV Interface Code, showing various labeled input/output cables.

PACKAGE CONTENTS

The package typically includes the following components:

- Panasonic Car AV Interface Code harness
- Integrated cables for various connections (AV IN, Camera IN, Video IN, Video OUT, Side Brake, Reverse, Speed, Steering Switches)

SETUP AND INSTALLATION

Installation of the Car AV Interface Code requires access to the rear of your Panasonic navigation unit. It is recommended that installation be performed by a qualified professional to ensure proper connection and functionality. Refer to your vehicle's and navigation system's manuals for specific disassembly and reassembly instructions.

Connection Overview:

1. **AV IN (Video/Audio Input):** 25cm mini-plug cord. Connects portable video cameras or other AV input sources.
2. **CAMERA IN (Camera Input):** 20cm cord. Connects a separate rearview camera (backup camera).
3. **VIDEO IN (Option Camera Input):** 20cm cord. Connects a separate drive recorder or similar video input device.
4. **VIDEO OUT (Video Output):** Connects to a separate rear monitor (e.g., flip-down monitor, headrest monitor) for rear seat entertainment.
5. **SIDE BRAKE:** 2m cord. Connects to the vehicle's side brake signal.
6. **REVERSE:** 2m cord. Connects to the vehicle's reverse signal.
7. **SPEED:** 2m cord. Connects to the vehicle's speed signal.
8. **STSW1 (Steering Switch 1):** Brown, 45cm cord. For steering wheel control integration.
9. **STSW2 (Steering Switch 2):** Blue/Yellow, 45cm cord. For steering wheel control integration.
10. **SWGRD (Steering Switch 3):** Black, 45cm cord. For steering wheel control integration.
11. **S.W OUT (Subwoofer Output):** Note that subwoofer output functionality may not be available or usable depending on your specific navigation model.

Important Note: The cords marked with a circle (○) in the diagram below are typically not included with the standard navigation unit and require this interface code for connectivity.

店内管理番 号 P-Z34LAV200D

商品名 車輛 インターフェイス コード

メーカー名 パナソニック Panasonic ストラダ Strada ナビ 付属 純正品

商品内容	○ AV IN	映像・音声入力コード	25 c m (ミニピンプラグ)
		ハンディ-ビデオカメラなど接続できます。	
	● CAMERA IN	カメラ映像入力コード	20cm
		別売のリアビューカメラ(バックカメラ)を接続します。	
	○ VIDEO IN	オプションカメラ入力コード	20cm
		別売のドライブレコーダーなど接続できます。	
	○ VIDEO OUT	映像出力コード	25cm
		別売の後席用モニター(フィリップダウン・ヘッドレストモニター)などを接続できます。	
	● SIDE BRAKE	サイドブレーキ	2m
	● REVERSE	リバーズ	2m
	● SPEED	車速	2m
	● STSW1	ステアリングスイッチ1コード茶	45 c m
	● STSW2	ステアリングスイッチ2コード青/黄	45 c m
	● SWGRD	ステアリングスイッチ3コード黒	45 c m
	○ S.W OUT	サブウーファー出力	サブウーファー出力がないため使用不可

注) ○印のコードは標準の部品へは無い為こちらの部品をご利用ください。
「 CA-LAV200D 」 メーカー希望小売価格 2,500円(税抜)と同じ内容のコードです。

Image: A detailed diagram illustrating the various connection points and cable types of the interface code, including AV IN, Camera IN, Video IN, Video OUT, and control signals.

OPERATING INSTRUCTIONS

Once the Car AV Interface Code is correctly installed, the connected devices can be operated through your Panasonic navigation system. Refer to your navigation system's user manual for specific instructions on how to select video inputs, display rearview camera feeds, or control connected devices.

- **Rearview Camera:** The camera feed should automatically display when the vehicle is shifted into reverse, provided the REVERSE signal is correctly connected.
- **External AV Devices:** Access external AV inputs through the source selection menu on your navigation unit.
- **Rear Monitors:** Video output to rear monitors will typically mirror the main navigation screen or display a selected video input, depending on your navigation system's capabilities.

MAINTENANCE

The Panasonic Car AV Interface Code is a passive component and requires minimal maintenance. Ensure all connections remain secure and free from moisture or physical damage. Periodically check for any loose cables or signs of wear, especially if the vehicle experiences significant vibrations or temperature changes.

TROUBLESHOOTING

Problem	Possible Cause / Solution
No video/audio from external device	<ul style="list-style-type: none">• Check if the external device is powered on and functioning correctly.• Verify all AV IN connections are secure.• Ensure the correct input source is selected on your navigation unit.
Rearview camera not displaying	<ul style="list-style-type: none">• Confirm the CAMERA IN connection is secure.• Check the REVERSE signal connection.• Ensure the camera itself is powered and operational.
Rear monitor not receiving signal	<ul style="list-style-type: none">• Verify the VIDEO OUT connection to the rear monitor.• Check the rear monitor's power and input selection.
Steering wheel controls not working	<ul style="list-style-type: none">• Ensure STSW1, STSW2, and SWGRD connections are correct and secure.• Consult your navigation system's manual for steering wheel control setup.

SPECIFICATIONS

Manufacturer: Panasonic

Compatible Models: Panasonic CN-RA03D, CN-RA03WD

Part Number: PZ34-RA03WD

ASIN: B085Z5LD35

Connection Types: AV IN, Camera IN, Video IN, Video OUT, Side Brake, Reverse, Speed, Steering Switch 1, Steering Switch 2, Steering Switch 3, Subwoofer Output (model dependent)

Cable Lengths (approximate):

- AV IN: 25 cm
- Camera IN: 20 cm
- Video IN: 20 cm
- Side Brake: 2 m
- Reverse: 2 m
- Speed: 2 m
- Steering Switch (each): 45 cm

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your Panasonic navigation system or visit the official Panasonic website. Keep your purchase receipt as proof of purchase for any warranty claims.



