

UE0NQ03DAKX7B0YTOcu871

# 16-Pin Wiring Harness Adapter with CANbus Box Instruction Manual

Model: UE0NQ03DAKX7B0YTOcu871

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation and configuration of the Generic 16-Pin Wiring Harness Adapter with CANbus Box. This product is designed to facilitate the integration of an aftermarket Android car radio into specific Honda vehicle models, ensuring proper power supply and communication with the vehicle's systems. Please read all instructions carefully before proceeding with installation.

## 2. PRODUCT OVERVIEW

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The wiring harness adapter provides a plug-and-play solution for connecting a 16-pin Android head unit to your vehicle's existing wiring without cutting or modifying original cables. It includes a CANbus box (Model: G-RZ-HD56) to manage communication between the head unit and the vehicle's electronic control units, enabling functions such as steering wheel controls, reverse camera input, and other vehicle-specific features.



Figure 2.1: Overall view of the 16-pin wiring harness adapter, including the main power cable, RCA connectors, antenna adapter, and CANbus box.

### 3. COMPATIBILITY

This wiring harness adapter is compatible with the following Honda vehicle models (High-End versions) from 2015-2016, supporting original car rear view functionality:

- Honda CRV 2015-2016
- Honda Civic 2015-2016
- Honda Inspire 2015-2016
- Honda Breeze 2015-2016

The CANbus box model included is G-RZ-HD56.

### 4. FEATURES

- **Stable Signal Transmission:** Features a compact structure with an exclusive shielding layer to enhance anti-interference capabilities, ensuring stable signal transmission without attenuation.

- **Enhanced Safety:** Utilizes premium PVC and rubber for the insulation layer, designed to prevent electric leakage and short circuits, promoting safer electrical operation.
- **Durability:** Components are upgraded with reinforced braided layers and elastic materials, providing resistance to cracking even after extensive bending, thereby doubling product durability.
- **Optimized Design:** Rational design and scientific wiring contribute to a reduced harness size and weight, minimizing device load and maximizing space utilization within the vehicle.
- **Plug-and-Play Installation:** Designed for direct connection without the need to cut original vehicle wires, simplifying the installation process.

## 5. SETUP AND INSTALLATION

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Installation of this wiring harness adapter is designed to be plug-and-play, connecting directly to your vehicle's existing wiring and the aftermarket Android head unit. No wire cutting is required for standard installations.

**It is highly recommended that installation be performed by qualified professionals or individuals with extensive experience in car audio and electronics to ensure correct wiring and prevent damage to the vehicle or the product.**

## 6. WIRING DIAGRAM

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Refer to the following diagrams for detailed wiring connections and application scenarios. Ensure all connections match the pin definitions of your Android head unit and vehicle.



Figure 6.1: Detailed pinout diagram for the 16-pin main power line, showing connections for power, ground, speakers, and control signals (e.g., ACC, KEY1, KEY2, ILL, ANT.POWER, REVERSE, BRAKE CTL).

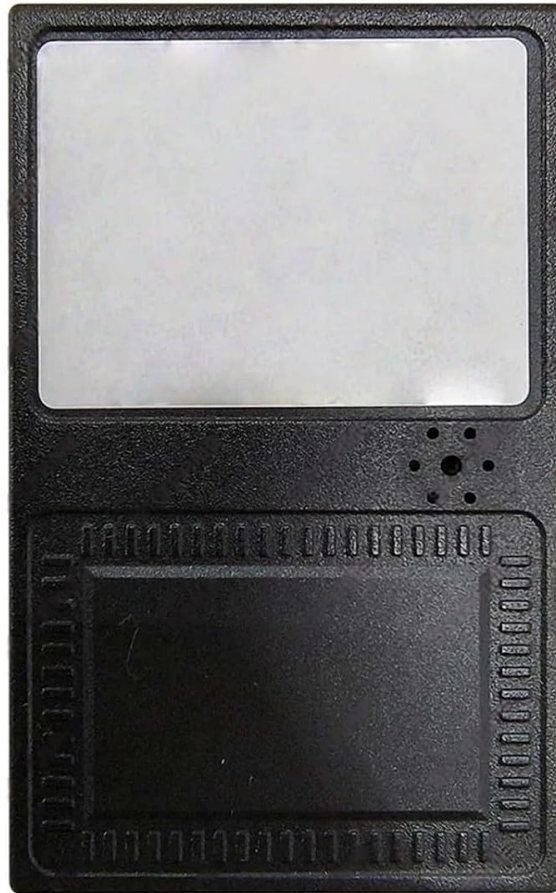


Figure 6.2: Application scenario illustrating how the wiring harness, CANbus box, and various inputs (radio antenna, GPS, reverse video, 4G antenna, USB, RCA) connect to a typical Android head unit.

## 7. CANBUS CONFIGURATION

After physical installation, the CANbus box requires software configuration within your Android head unit. Follow these steps:

1. Access the factory settings menu on your Android head unit.
2. Navigate to the car bus configuration menu.
3. Select the corresponding CANbus brand and model (G-RZ-HD56) from the available options.
4. It is recommended to connect the head unit to Wi-Fi and update the latest MCU (Microcontroller Unit) and configuration files for optimal performance and compatibility.

# Application scenario

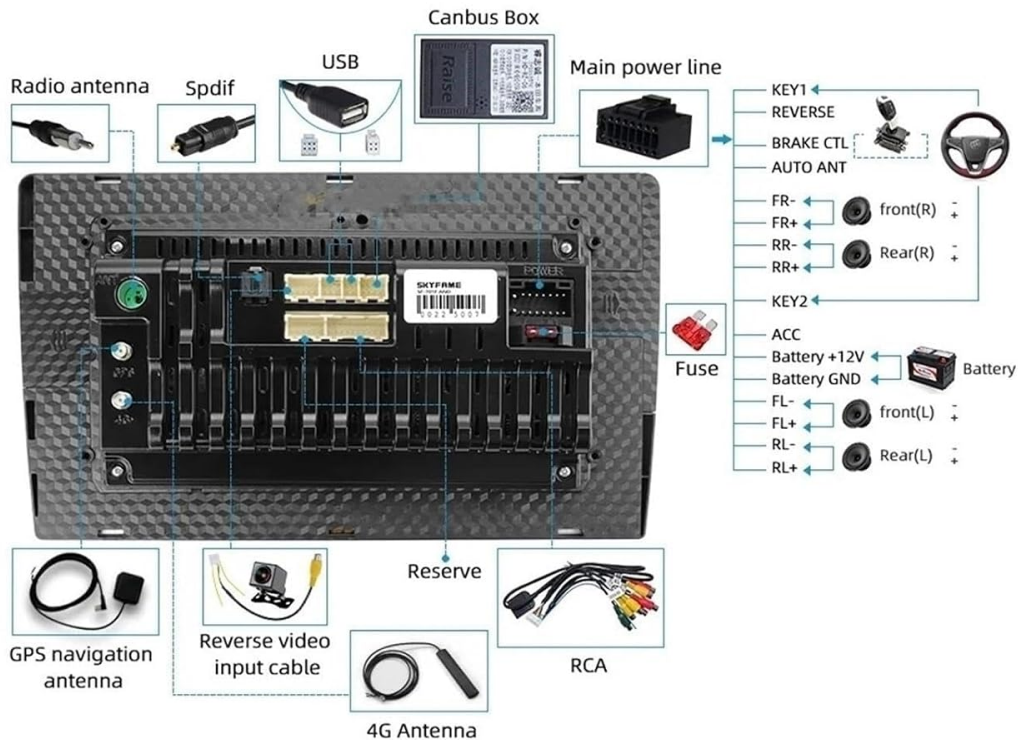


Figure 7.1: Close-up view of the G-RZ-HD56 CANbus box, a key component for vehicle communication.

## 8. TROUBLESHOOTING

If you encounter issues after installation, consider the following general troubleshooting steps:

- **Check Connections:** Ensure all connectors are securely seated and properly aligned.
- **Verify CANbus Configuration:** Double-check that the correct CANbus brand and model are selected in your Android head unit's settings.
- **Power Supply:** Confirm that the head unit is receiving adequate power.
- **Consult a Professional:** If problems persist, seek assistance from a professional car audio installer or technician.

## 9. SPECIFICATIONS

Specification	Detail
Brand	Generic

Model Number	UE0NQ03DAKX7B0YTOcu871
CANbus Box Model	G-RZ-HD56
Item Dimensions (L x W x H)	0.39 x 0.39 x 0.39 inches (approximate, for main unit)
Item Weight	50 Grams
Number of Items	1 (Harness with CANbus box)
Main Power Line Interface	16-pin standard

## 10. SAFETY INFORMATION

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- Always disconnect the vehicle's battery before beginning any electrical installation to prevent short circuits or electrical shock.
- Ensure all connections are secure and properly insulated to prevent loose wires or potential hazards.
- Do not force connectors; ensure they are correctly oriented before plugging them in.
- If you are unsure about any step of the installation process, consult a professional installer.

## 11. WARRANTY AND SUPPORT

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Specific warranty information for this product is not provided in the available details. For any support inquiries or technical assistance, please refer to the retailer or manufacturer from whom the product was purchased.