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IROMEHONY for 16pin

IROMEHONY 16pin Car Stereo Radio Power Wiring Harness Canbus Box User Manual

Model: for 16pin | Brand: IROMEHONY

1. Introduction

This manual provides detailed instructions for the IROMEHONY 16pin Car Stereo Radio Power Wiring Harness Canbus Box. This product is designed to facilitate the installation of an aftermarket car stereo in compatible Nissan and Infiniti vehicles, ensuring proper power and data communication, including support for factory Bose amplifiers and OEM backup cameras.



Image 1.1: The IROMEHONY 16pin Car Stereo Radio Power Wiring Harness Canbus Box, shown with a black car in the background, illustrating its application.

2. Product Features

- **Enhanced Compatibility:** Specifically designed for various Nissan models including X-Trail, Qashqai, Rogue T32 (2014-2018), Teana 3 Altima 5 L33 (2013-2018), Sentra B17 (2012-2017), Murano (2015-2018), Navara Frontier NP300 (2014-2018), and Juke Infiniti ESQ (2010-2014).
- **Bose Amplifier Support:** Integrates with factory Bose amplifier systems.
- **OEM Backup Camera Support:** Maintains functionality of the original equipment manufacturer (OEM) backup camera.
- **7-inch Screen Support:** Compatible with vehicles equipped with a 7-inch screen.
- **360 Camera Support:** Supports 360-degree camera systems where applicable.
- **Steering Wheel Control:** Retains steering wheel control functionality for aftermarket stereos.
- **USB and AUX Connectivity:** Ensures continued use of factory USB and AUX ports.
- **Canbus Integration:** Includes a Canbus box for seamless data communication between the vehicle and the aftermarket

stereo.

3. Compatibility and Important Notices

This wiring harness is designed for specific vehicle models and aftermarket stereo types. Please review the following compatibility details carefully before installation:

- **Compatible Nissan Models:**
  - Nissan X-trail Qashqai Rogue T32 (2014-2018)
  - Nissan Teana 3 Altima 5 L33 (2013-2018)
  - Nissan Sentra B17 (2012-2017)
  - Nissan Murano (2015-2018)
  - Nissan Navara Frontier NP300 (2014-2018)
  - Nissan Juke Infiniti ESQ (2010-2014)
- **Aftermarket Stereo Compatibility:** This harness is suitable only for universal 9-inch and 10.1-inch aftermarket stereos with a 16pin power socket. It is **not** compatible with Pioneer, Sony, or Kenwood stereos.
- **Bose Amplifier Notice:** This product is **not** suitable for 2019+ Nissan cars equipped with a BOSE amplifier. For 2019+ Nissan cars, please refer to product B0D31LPGPX.
- **Verification:** The compatible car model and year information is for reference only. Always verify compatibility by checking the reference original car radio's back connector picture against your vehicle's wiring.



Image 3.1: The wiring harness shown connected to an aftermarket car stereo within a vehicle's dashboard, demonstrating its intended use.

4. Package Contents

The package includes the following components:

- 1 x 16pin Car Stereo Radio Power Wiring Harness Canbus Box



Image 4.1: A detailed view of the 16pin Car Stereo Radio Power Wiring Harness Canbus Box, showing its various connectors and the Canbus module.

5. Setup and Installation

Important: This product requires professional installation. No detailed installation instructions are provided in this manual due to the complexity and vehicle-specific nature of car stereo wiring. Improper installation can lead to damage to your vehicle's electrical system or the stereo unit.

1. **Disconnect Battery:** Before beginning any electrical work, always disconnect the vehicle's negative battery terminal to prevent electrical shorts or damage.
2. **Remove Factory Stereo:** Carefully remove the existing factory car stereo from the dashboard.
3. **Identify Connectors:** Identify the factory wiring harness connectors in your vehicle.
4. **Connect Harness:** Connect the IROMEHONY 16pin wiring harness to the vehicle's factory harness and to the aftermarket stereo's 16pin power socket. Ensure all connections are secure.
5. **Canbus Box Placement:** Securely mount the Canbus box in a safe location behind the dashboard, away from moving parts

or heat sources.

6. **Test Connections:** Before fully reassembling the dashboard, reconnect the battery and test the stereo's functionality, including power, audio, steering wheel controls, and backup camera.
7. **Reassemble:** Once all functions are verified, carefully reassemble the dashboard components.

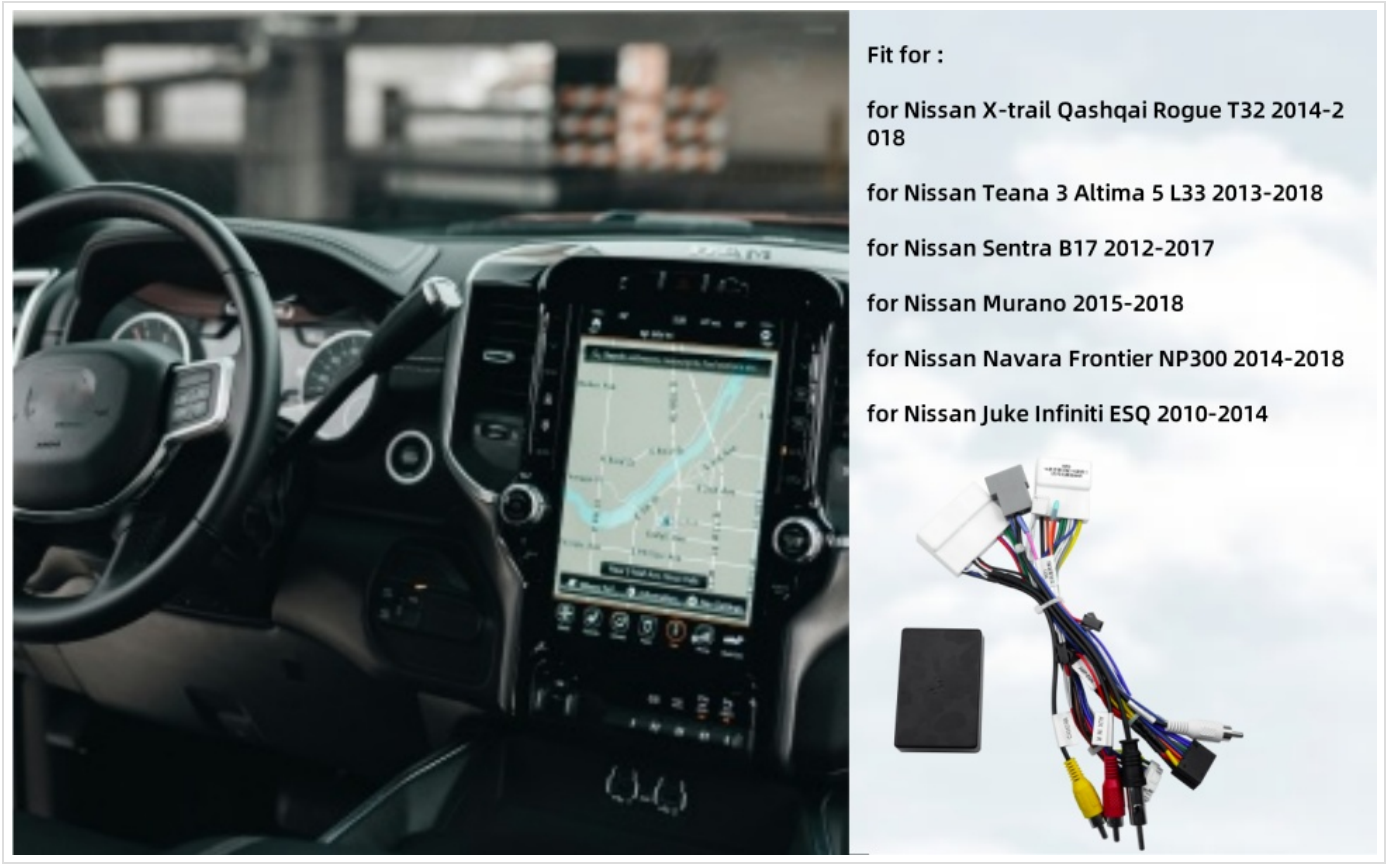


Image 5.1: An illustration of the car interior, highlighting the location where the wiring harness and Canbus box would be installed behind the stereo unit.

6. Operating Instructions

Once the IROMEHONY wiring harness and Canbus box are correctly installed, your aftermarket stereo should integrate seamlessly with your vehicle's electrical system. The Canbus box translates vehicle data, allowing the stereo to:

- Receive power and ignition signals.
- Utilize steering wheel controls for audio functions (volume, track change, mode).
- Display OEM backup camera feed (if applicable).
- Access factory USB and AUX inputs.
- Communicate with the factory Bose amplifier for audio output.

Refer to your aftermarket stereo's user manual for specific operating instructions related to its features and settings.

7. Maintenance

The IROMEHONY wiring harness and Canbus box are designed for long-term reliability and typically require no routine maintenance after proper installation. To ensure optimal performance:

- Ensure all connections remain secure and free from moisture or excessive vibration.
- Avoid exposing the Canbus box or wiring to extreme temperatures or direct sunlight for prolonged periods.
- If any issues arise, consult the troubleshooting section or seek professional assistance.

8. Troubleshooting

Problem	Possible Cause	Solution
Stereo does not power on.	Loose power connection, incorrect wiring, blown fuse.	Check all power connections. Verify wiring against the stereo's diagram. Inspect vehicle and stereo fuses.
No audio output.	Incorrect speaker connections, amplifier not recognized, stereo settings.	Ensure speaker wires are correctly connected. Confirm the Bose amplifier is properly integrated. Check stereo's audio settings.
Steering wheel controls not working.	Canbus box not connected or configured, stereo settings.	Verify Canbus box connection. Check aftermarket stereo's settings for steering wheel control configuration.
Backup camera not displaying.	Camera input not connected, incorrect camera signal, stereo settings.	Ensure the OEM backup camera input is correctly connected to the stereo. Check stereo's camera input settings.
Intermittent issues.	Loose connections, faulty component.	Re-check all wiring connections for tightness. If issues persist, professional diagnosis may be required.

9. Specifications

Specification	Detail
Brand	IROMEHONY
Model	for 16pin
Connector Type	16-pin
Material	Plastic
Item Weight	0.29 Pounds
Cable Type	Flat Ribbon
UPC	635407872242
ASIN	B0F6C5H84N

10. Warranty and Support

IROMEHONY products undergo quality inspection before leaving the factory. While specific warranty details are not provided in this document, customer satisfaction is a priority. For any questions, technical assistance, or support regarding this product, please contact your retailer or the manufacturer directly.
It is recommended to retain your purchase receipt for any potential support inquiries.

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