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Aramox Aramox AUX Bluetooth Module B0B4WSPXKL

Aramox AUX Bluetooth Module with Microphone Instruction Manual

Model: B0B4WSPXKL

1. Introduction

The Aramox AUX Bluetooth Module is designed to integrate Bluetooth audio streaming and hands-free calling capabilities into compatible car stereo systems. This module allows you to wirelessly connect your smartphone or other Bluetooth-enabled devices to your car's audio system, providing a convenient way to enjoy music and manage calls.



Figure 1: Aramox AUX Bluetooth Module with microphone and wiring harness.

2. Compatibility and Fitment

This Bluetooth module is specifically designed for use with certain Alpine car stereo models. Please verify your car stereo's compatibility before installation.

- **Replacement for Alpine KCE-237B:** Directly replaces the KCE-237B module.
- **Alpine CD Players (2009 onwards):** Compatible with new Alpine CD players manufactured from 2009 onwards. Ensure the AUX site is enabled after cable installation.
- **Full-Speed Devices (2009 onwards):** Includes models such as CDE-101R/RM, CDE-102Ri, CDE-103BT, CDE-104BTi, CDE-111R/RM, CDE-112Ri, CDE-113BT, CDE-114BTi, CDE-W203Ri, CDA-105Ri, CDA-105, CDA-105E, CDA-117Ri, IDA-X301, IDA-X303, IDA-X305, IDA-X311, IDA-X313, IXA-W404R, IXA-W407BT, TME-S370.
- **Devices (2007 onwards) with KCE-400BT:** Also compatible with many devices from 2007 in conjunction with the Bluetooth model KCE-400BT.
- **General Requirement:** The car radio must have a compatible connector socket and an active AUX function.

The module supports audio streaming from iOS and Android smartphones, as well as Android tablets, provided they have Bluetooth functionality.

Fitment:
Replacement for Alpine KCE-237B
Replacement for Alpine 2009-up new CD Player
(Please set AUX site after install the cable)



Figure 2: Compatibility details for the Aramox AUX Bluetooth Module.

3. Package Contents

Verify that all items are present in the package:

- 1 x AUX IN Bluetooth Module
- 1 x Removable Microphone

4. Setup and Installation

Installation requires access to the rear of your car stereo. If you are unfamiliar with car audio wiring, it is recommended to seek professional assistance.

1. **Disconnect Power:** Before beginning, ensure your vehicle's battery is disconnected to prevent electrical shorts.
2. **Remove Car Stereo:** Carefully remove your car stereo from the dashboard to access its rear connections. Refer to your car's or stereo's manual for specific instructions.
3. **Connect Blue Connector:** Locate the compatible AUX input port on the back of your Alpine car stereo. Connect the blue connector from the Bluetooth module into this port. This is typically a 'Full-Speed' or 'Ai-NET' type connector.

4. **Connect Power Wires:** The module has two bare wires: one red and one black.
    - Connect the **red wire** to a 12V switched power source (ACC) in your car's wiring harness. This ensures the module powers on and off with your ignition.
    - Connect the **black wire** to a reliable ground point in your car's wiring harness or chassis.

    Ensure all power connections are secure and properly insulated.
5. **Connect Microphone:** Plug the removable microphone into the 3.5mm jack on the Bluetooth module. Position the microphone in a suitable location, such as on the sun visor or A-pillar, for optimal voice pickup during calls.
6. **Secure Module and Wires:** Route the module and wires neatly and securely behind the dashboard, ensuring they do not interfere with any moving parts or controls.
7. **Reinstall Car Stereo:** Carefully reinstall your car stereo into the dashboard.
8. **Reconnect Battery:** Reconnect your vehicle's battery.



Figure 3: Detailed view of the module's connections.

5. Operating Instructions

Once installed, follow these steps to operate the Bluetooth module:

1. **Activate AUX Mode:** Turn on your car stereo and select the AUX input mode. This may be labeled as 'AUX', 'CD Changer', or similar, depending on your Alpine model. Refer to your stereo's manual if you are unsure

how to select the AUX input.

2. **Pairing with a Bluetooth Device:**
    - On your smartphone or Bluetooth-enabled device, go to the Bluetooth settings.
    - Scan for available devices. The module should appear as a discoverable device (e.g., 'Aramox Bluetooth' or similar).
    - Select the module to pair. No password is typically required.
    - Once paired, your device will indicate a successful connection.
3. **Audio Playback:** After successful pairing, any audio played on your connected device (music, navigation prompts, podcasts) will be transmitted wirelessly to your car's speakers. Control playback (play/pause, skip tracks) directly from your connected device.
4. **Hands-Free Calling:** When a call comes in, the audio will switch to the call. Use the connected microphone for hands-free communication. Answer and end calls using your smartphone's controls.

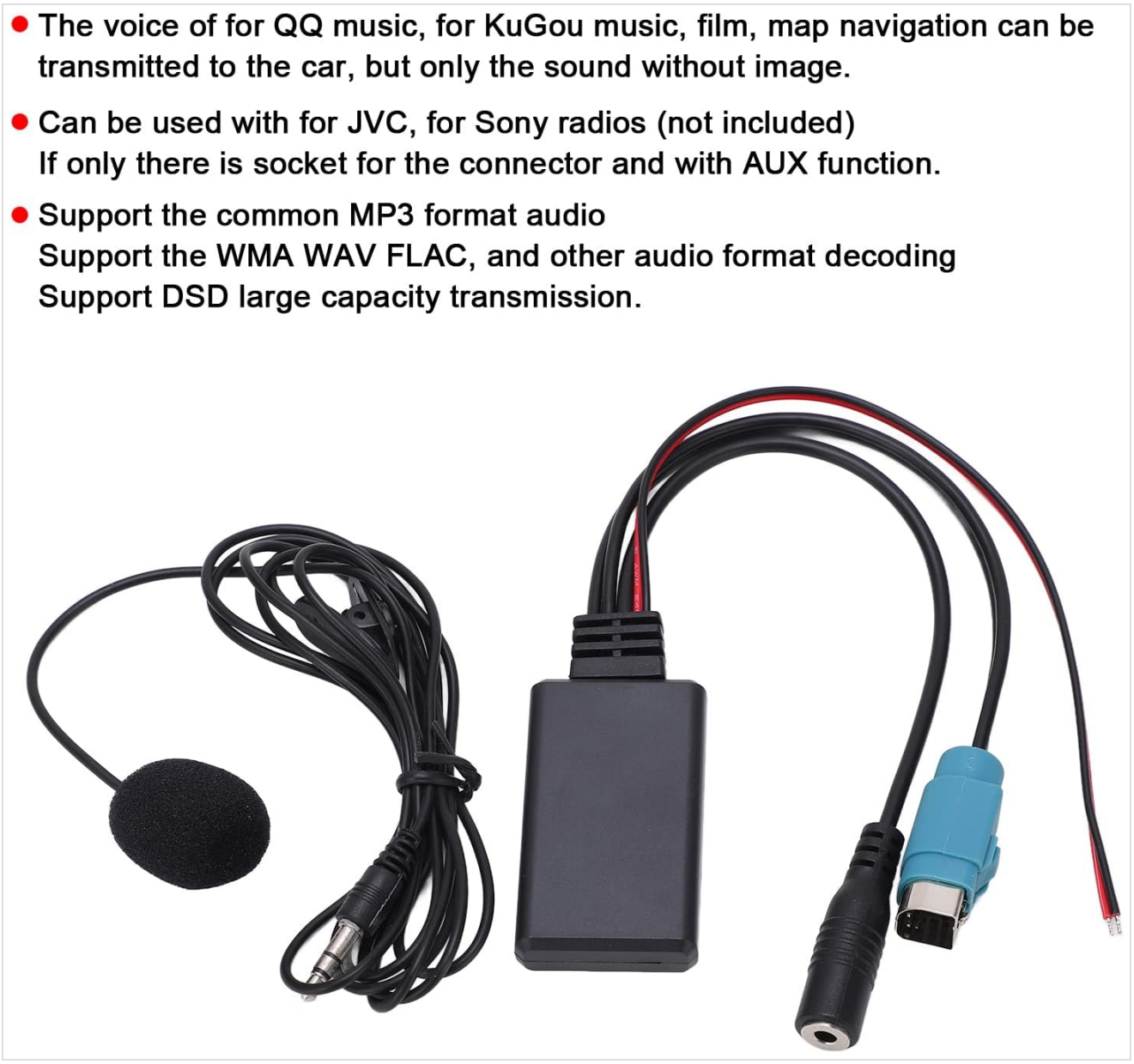


Figure 4: Module features including audio format support.

6. Maintenance

The Aramox AUX Bluetooth Module requires minimal maintenance:

- Ensure all connections remain secure. Loose connections can lead to intermittent audio or power issues.
- Keep the module and microphone free from excessive dust or moisture.
- Avoid exposing the module to extreme temperatures.

7. Troubleshooting

If you encounter issues with your Aramox AUX Bluetooth Module, refer to the following troubleshooting steps:

- **No Power to Module:**
  - Check the red and black power wire connections. Ensure they are securely connected to a 12V switched power source and a good ground, respectively.
  - Verify that your car's ignition is on (ACC position).
- **Cannot Pair Bluetooth Device:**
  - Ensure the car stereo is in AUX mode. The module may not be discoverable if the stereo is in another source mode.
  - Make sure Bluetooth is enabled on your smartphone or device.
  - Try restarting your smartphone's Bluetooth function or the phone itself.
  - If previously paired, try 'forgetting' the device on your phone and re-pairing.
- **No Audio Output:**
  - Confirm the car stereo is set to the correct AUX input source.
  - Ensure your Bluetooth device is successfully paired and playing audio.
  - Check the volume levels on both your car stereo and your connected Bluetooth device.
  - Verify the blue connector is fully seated in the car stereo's AUX port.
- **Bluetooth Connects but Head Unit Does Not Communicate:**
  - This often indicates that the car stereo is not correctly set to the AUX input, or the AUX input itself is not enabled. Consult your Alpine stereo's manual for instructions on enabling and selecting the AUX input.
  - Ensure the module is compatible with your specific Alpine head unit model.
- **Poor Microphone Quality:**
  - Check the microphone's connection to the module.
  - Adjust the microphone's position to be closer to the driver and away from air vents or other noise sources.

8. Specifications

Feature	Description
Bluetooth Version	5.0 (compatible with 2.0, 3.0, 4.0)
Supported Audio Formats	MP3, WMA, WAV, FLAC, DSD (large-capacity transmission)
Material	Acrylonitrile Butadiene Styrene (ABS)
Connectivity Technology	Auxiliary, Bluetooth
Item Weight	1.76 ounces

Package Dimensions	6.85 x 4.61 x 0.51 inches

9. Warranty and Support

For warranty information or technical support, please refer to the seller's policies or contact Aramox customer service directly. Keep your purchase receipt for any warranty claims.

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