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> YUYUE Bluetooth 5.0 Module for Pioneer DEH-P88RS Audio Music Receiver - Instruction Manual

## YUYUE 200810C21

# YUYUE Bluetooth 5.0 Module for Pioneer DEH-P88RS Audio Music Receiver - Instruction Manual

Model: 200810C21

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your YUYUE Bluetooth 5.0 Module. This module is designed to enable Bluetooth audio streaming capabilities for compatible Pioneer car radios, allowing you to connect external audio sources like smartphones and tablets wirelessly.

## PRODUCT FEATURES

- Enables Bluetooth audio streaming for compatible car radios.
- Allows connection of external audio sources such as smartphones and tablets.
- Facilitates music playback from your device through car speakers.
- Bluetooth 3.0 version, no password required for connection.
- Compatible with various iOS (5, 5C, 5S, 6, 6 Plus) and Android devices (Samsung, HTC, Sony, Nokia, etc.) with Bluetooth functionality.

## PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x YUYUE Bluetooth 5.0 Module
- 1 x 11-Pin IP-Bus Plug Cable
- Power Wires (Red for 12V+, Black for 12V-)
- 1 x Microphone (if included with your specific model)



Image: YUYUE Bluetooth 5.0 Module, showing the main unit, IP-Bus cable, power wires, and an optional microphone.

## SETUP AND INSTALLATION

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Follow these steps to install your Bluetooth module:

1. **Locate the IP-Bus Port:** Identify the 11-pin IP-Bus connector socket on the back of your Pioneer car radio. This port is typically labeled "IP-BUS IN" or similar.

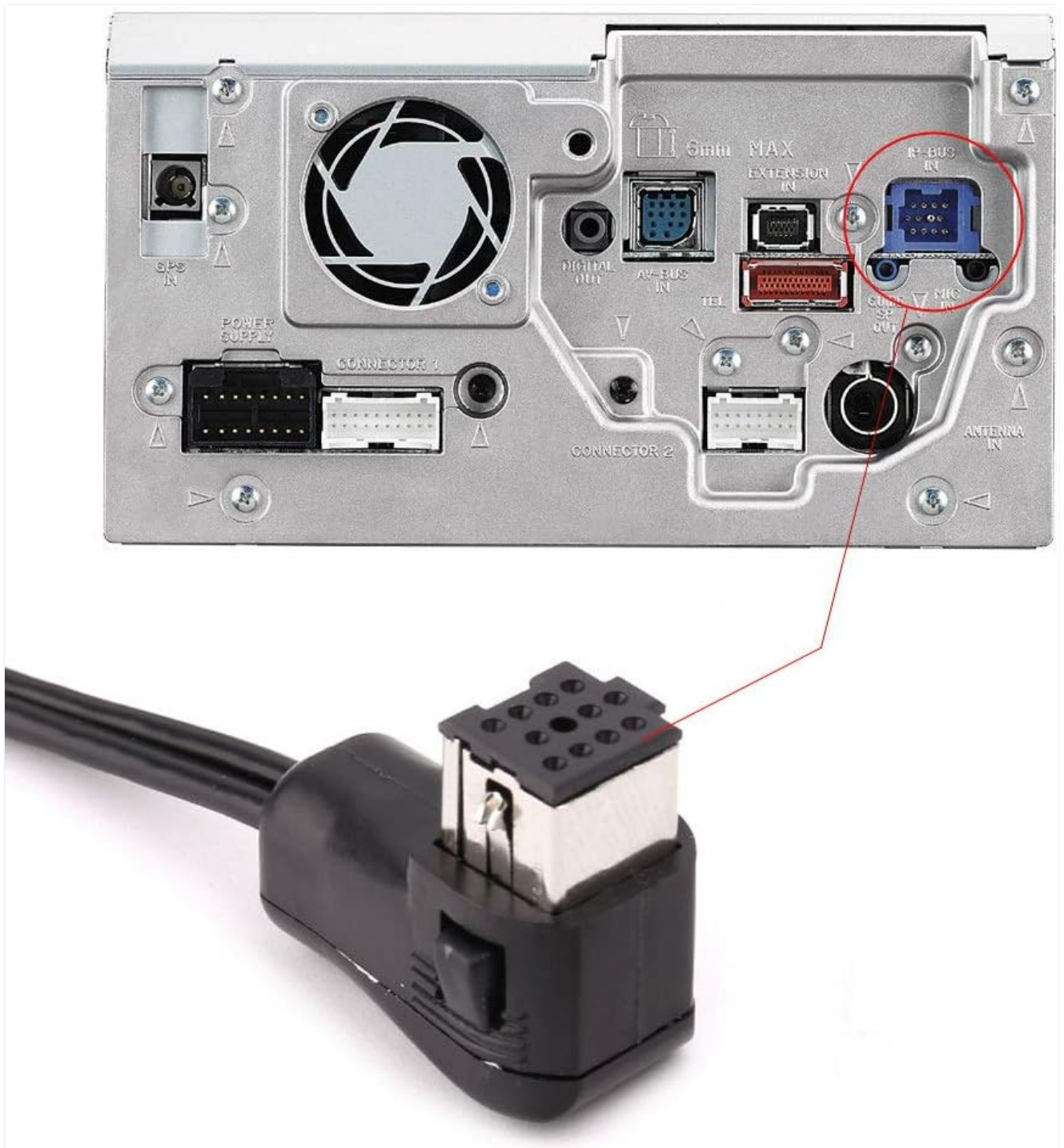


Image: Rear view of a Pioneer car stereo unit, with the 11-pin IP-Bus input port circled in red, indicating where the module's cable should be connected.

2. **Connect the IP-Bus Cable:** Plug the 11-pin IP-Bus connector from the Bluetooth module into the corresponding socket on the back of your radio. Ensure it is securely seated.
3. **Connect Power Wires:**
  - Connect the **red wire** from the module to a **12V+ (switched or constant)** power source in your vehicle's wiring harness.
  - Connect the **black wire** from the module to a **12V- (ground)** connection in your vehicle's wiring harness.

*Note: Proper power connection is crucial for the module's functionality. If unsure, consult a professional car audio installer.*

4. **Secure the Module:** Once connected, secure the Bluetooth module in a safe location behind the dashboard, ensuring it does not interfere with other components or wiring.

## OPERATING INSTRUCTIONS

After successful installation, follow these steps to use your Bluetooth module:

1. **Power On Your Radio:** Turn on your Pioneer car radio.
2. **Enable Bluetooth on Your Device:** On your smartphone, tablet, or other Bluetooth-enabled audio device, navigate to the Bluetooth settings and ensure Bluetooth is turned on.
3. **Pair with the Module:** Search for available Bluetooth devices. The module will appear as "**jierui5908**". Select it to pair. No password is required for connection.



Image: A smartphone screen displaying Bluetooth settings, showing a successful connection to a Bluetooth device, alongside a car stereo unit.

4. **Select AUX Input:** On your Pioneer radio, select the AUX input source. This will route the audio from the Bluetooth module to your car speakers.
5. **Play Music:** Once connected and AUX is selected, you can play music or other audio from your paired device, and it will be heard through your car's speaker system.

## COMPATIBILITY

This Bluetooth module is compatible with various Pioneer car radio models that feature an 11-pin IP-Bus input. Reference

models include, but are not limited to:

- DEH-P2500, DEH-P2500R, DEH-P2600R
- DEH-P3500MP, DEH-P3100UB
- DEH-P4100SD
- DEH-P5100UB, DEH-P5600MP
- DEH-P6600R, DEH-P620
- DEH-P7100BT, DEH-P717, DEH-P7300R, DEH-P77MP, DEH-P777, DEH-P7600MP, DEH-P7650MP
- DEH-P8100BT, DEH-P88RS-II, DEH-P88RS, DEH-P88, DEH-88
- DEH-P9600MP, DEH-P900, DEH-P930, DEX-P01, DEX-P910, DEM-P910
- KEH-P6200-W, KEH-P8600R
- MEH-P055

Please ensure your Pioneer radio has the 11-pin IP-Bus input for compatibility.

## SPECIFICATIONS

<b>Model Number</b>	200810C21
<b>Bluetooth Version</b>	3.0
<b>Bluetooth Name</b>	jierui5908
<b>Connector Type</b>	11-Pin IP-Bus Plug
<b>Power Requirements</b>	12V DC (Red wire to 12V+, Black wire to 12V-)
<b>Dimensions (Package)</b>	6 x 4 x 0.25 inches
<b>Item Weight</b>	1.58 ounces
<b>Color</b>	Black

## TROUBLESHOOTING

If you encounter issues with your Bluetooth module, please refer to the following common problems and solutions:

- **No Power / Module Not Turning On:**
  - Ensure the red wire is securely connected to a 12V+ power source and the black wire to a proper ground (12V-).
  - Check for any blown fuses in the vehicle's wiring that might affect the power supply to the radio or accessory circuit.
- **Cannot Pair Bluetooth Device:**
  - Make sure Bluetooth is enabled on your smartphone or tablet.
  - Ensure the module is powered on and within range.
  - Forget the device "jierui5908" from your phone's Bluetooth settings and try pairing again.
  - Restart both your phone and the car radio.
- **No Audio Output / White Noise:**

- Verify that the 11-pin IP-Bus connector is fully and correctly inserted into the radio's port.
- Confirm that the AUX input is selected on your Pioneer radio.
- Check the volume levels on both your paired device and the car radio.
- Ensure the audio cable connections (if any, though this is a Bluetooth module) are secure. For this module, ensure the power wires are not loose or partially cut, as this can cause audio cuts or noise.

- **Echo During Calls (if microphone is used):**

- Adjust the microphone's position to reduce echo.
- Lower the volume on your car stereo during calls.
- Check for any phone settings or equalizer apps that might be causing audio feedback.

- **Module Stops Working After Some Time:**

- Inspect the power wiring for any loose connections, corrosion, or damage that could lead to intermittent power loss.
- Ensure the module is not overheating due to poor ventilation.

## MAINTENANCE

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The YUYUE Bluetooth module requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the module and its connections dry and free from dust or debris.
- Avoid exposing the module to extreme temperatures or direct sunlight for prolonged periods.
- Periodically check the wiring connections to ensure they remain secure and free from corrosion.

## CUSTOMER SUPPORT

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For further assistance or inquiries, please contact your retailer or the manufacturer, YUYUE, through their official support channels. Please have your product model number (200810C21) and purchase details ready when contacting support.

