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> [InstallGear Ground Loop Noise Isolator \(P-Igr-GLI-Fltr2Pk\) Instruction Manual](#)

InstallGear P-Igr-GLI-Fltr2Pk

InstallGear Ground Loop Noise Isolator

Model: P-Igr-GLI-Fltr2Pk

Brand: InstallGear

INTRODUCTION

The InstallGear Ground Loop Noise Isolator is designed to eliminate unwanted electrical noise, such as alternator whine or engine hum, from your car audio or home stereo system. This device helps ensure a clean and clear audio signal by breaking the ground loop that causes interference. It is suitable for use with any audio device that utilizes RCA connections.

PRODUCT FEATURES

- **Two-Channel Noise Isolation:** Effectively eliminates ground loop noise in both car audio and home stereo systems, providing clear sound.
- **Compact Design:** Its small size allows for easy integration into various audio setups without occupying excessive space.
- **Reduces High-Pitched Whine:** Specifically engineered to minimize alternator noise and other high-pitched electrical interference.
- **Enhances Audio Quality:** Contributes to an improved audio experience by removing distracting background noise.
- **Versatile Application:** Compatible with car audio, portable audio devices, and professional audio equipment.

PACKAGE CONTENTS

- 2 x InstallGear Ground Loop Noise Isolators

SETUP AND INSTALLATION

The Ground Loop Noise Isolator is designed for straightforward installation. It connects inline with your RCA audio cables between the source (e.g., head unit, receiver) and the amplifier or speakers.

General Connection Diagram



This image illustrates the typical connection of the ground loop isolator in an audio system. The isolator is placed between the audio source (e.g., head unit) and the amplifier, using RCA cables for input and output.

1. Identify the RCA audio cables connecting your audio source (e.g., car stereo head unit, home receiver) to your amplifier or powered speakers.
2. Disconnect the RCA cables from either the source output or the amplifier input.
3. Connect the RCA input side of the InstallGear Ground Loop Noise Isolator to the output of your audio source. The isolator is labeled 'TO RADIO' or 'INPUT' on one side.
4. Connect the RCA output side of the InstallGear Ground Loop Noise Isolator to the input of your amplifier or powered speakers. The isolator is labeled 'TO AMPLIFIER' or 'OUTPUT' on the other side.
5. Ensure all connections are secure.

Car Audio Installation Example



This image shows a person connecting the ground loop isolator to an amplifier in a car, demonstrating its use in a vehicle audio system to eliminate noise.

In car audio systems, the isolator is typically installed between the head unit's RCA outputs and the amplifier's RCA inputs. This helps to eliminate alternator whine and other electrical interference common in vehicle environments.

Home Stereo Installation Example

**Enjoy rich sound
without interruptions!**

Our compact two-channel ground loop isolator fits perfectly and reduces annoying whine.

This image depicts the ground loop isolator connected within a professional audio setup, such as a DJ mixer, highlighting its versatility beyond just car audio.

For home stereo systems, the isolator can be used between components like a turntable preamp, receiver, or mixer and your amplifier or powered speakers to remove hum or buzz caused by ground loops.

Installation Video

Your browser does not support the video tag.

This video provides a visual guide to installing the InstallGear Ground Loop Noise Isolator, demonstrating its connection in an audio system to eliminate noise.

OPERATING INSTRUCTIONS

Once installed, the InstallGear Ground Loop Noise Isolator operates automatically. It requires no external power or configuration. Simply ensure it is correctly connected inline with your RCA audio cables. The device passively filters out ground loop interference, allowing your audio signal to pass through cleanly.

MAINTENANCE

The InstallGear Ground Loop Noise Isolator is a passive device and requires minimal maintenance. Keep the unit and its connections clean and free from dust or debris. Avoid exposing the isolator to extreme temperatures or moisture. Periodically check the RCA connections to ensure they are secure.

TROUBLESHOOTING

- **Noise persists after installation:**
 - Ensure the isolator is connected correctly, with the 'TO RADIO' side facing the audio source and 'TO AMPLIFIER' side facing the amplifier/speakers.
 - Verify that all RCA cables are securely connected and not damaged.
 - Confirm that the noise is indeed a ground loop issue. Other types of noise (e.g., engine noise from spark plugs, poor shielding) may require different solutions.
 - Test the audio system without the isolator to confirm the noise source.
- **Reduced audio quality or volume:**
 - While designed to be transparent, some isolators can slightly affect audio signals. Ensure you are using high-quality RCA cables.
 - Check if the audio source or amplifier settings have been inadvertently changed.
- **No audio output:**
 - Double-check all RCA connections for proper seating.
 - Ensure the audio source and amplifier are powered on and functioning correctly.

SPECIFICATIONS

Model Number	P-Igr-GLI-Fltr2Pk
Number of Channels	2
Mounting Type	Surface Mount
Item Weight	6.7 ounces
Package Dimensions	6.1 x 3.7 x 2.17 inches
UPC	850034241173

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official InstallGear website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.