



Universal Ground Loop Isolator

The professional way to eliminate noise

Installation Instructions

Improve sound quality

Don't cheat yourself out of all the performance your audio system can deliver. Noise is the enemy, but we don't want to sacrifice audio quality to eliminate it. The InCarTec 24-020 universal Ground Loop Isolator will eliminate that unwanted alternator "whine" or ignition "ticking" while retaining the original audio quality from bass to treble. This universal module works with standard RCA phono connections commonly found in car audio or 3.5mm headphone style audio cables for use with smartphones or portable media players. This interface has been professionally designed for those who want the very best.

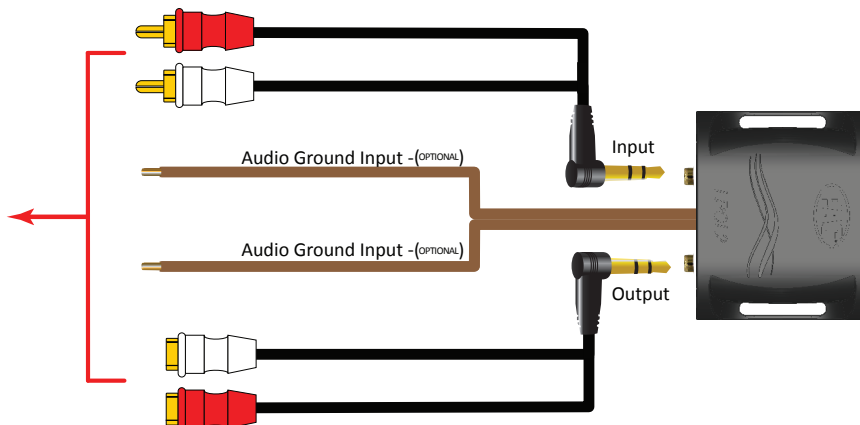
General Overview

The 24-020 can be utilised for minimizing or eliminating noise in either RCA or 3.5mm applications. Utilising precision transformers to break ground loop potential while retaining full audio fidelity. The 24-020 is easy to install and features a compact housing for expanded mounting options. Inputs are reversible for installation at source unit or at amplifier.

RCA Level Input - Output

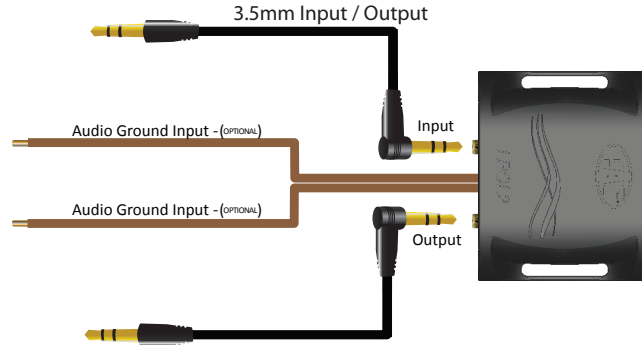
Commonly used to solve noise problems in car audio systems. When utilizing the 24-020 for RCA input/output connect the male and female adapters to the input and output. These can be reversed if connecting at the radio or the amplifier. Most applications will not require connection of the ground wires. If noise is still present, on a clean grounding point, try temporarily connecting one ground at a time. Then alternating between the two and finally connecting both. Test the system and permanently make the connections with the best sounding configuration. Mount the control box using wire ties, screws or double tape.

Input and Outputs are reversible for use at radio or amplifier



3.5mm Audio to 3.5mm Audio

Commonly used when using a Smartphone as a 3.5mm audio input and noise enters phone through the phone charger. When using the 24-020 for 3.5mm input/output disconnect the original 3.5mm cable and connect it to the input of the control box. Then connect the extra supplied 3.5mm output cable to the original input point and to the output from the 24-020 box. Most applications will not require connection of the ground wires. If noise is still present, on a clean grounding point try temporarily connecting one ground at a time, alternating between the two and finally connecting both. Test the system and permanently make the connections with the best sounding scenario. Mount the control box using wire ties, screws or double tape.



Note: Only One 3.5mm cable is supplied with the interface

3.5mm Audio to RCA Audio

When using the 24-020 for 3.5mm input to RCA output disconnect the original 3.5mm cable and connect it to the input of the box. Then connect the supplied 3.5mm to RCA adapter to the 24-020 box output and the RCA phono cable input. Most applications will not require connection of the ground wires. If noise is still present, on a clean grounding point try temporarily connecting one ground at a time, alternating between the two and finally connecting both. Test the system and permanently make the connections with the best sounding scenario. Mount the box using wire ties, screws or double tape.

