The AX-ADCT2 should be installed on a stereo's speaker output wires or the output wires on an OEM amplifier up to 80 watts per channel. These wires can be found behind the stereo terminals on the OEM speakers. Failure to do this will result in poor bass response and low quality audio.

NOTE: Be sure that all audio input connections are polarized or in phase with each other. That is, the positive output wires from the AX-ADCT2 must be connected to the positive input wires of the audio source. The same goes for the negative audio wires. Failure to do this will result in poor bass response and low quality audio.

NOTE: The audio input wire colors are an EIA standard for car stereo applications as follows:

- BLACK/WHITE = Reference Ground (-) (REFERENCE GROUND OPTIONAL IF NOISE IS PRESENT)
- GRAY = RIGHT Front (+) Input
- GRAY/BLACK = RIGHT Front (-) Input
- WHITE = LEFT Front (+) Input
- WHITE/BLACK = LEFT Front (-) Input
- BLUE = REMOTE +12V Output
- YELLOW = BATTERY +12V Input
- BLACK = GROUND Input

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- BLACK = GROUND Input
The AX-ADCT2 is designed to convert 2 channels of speaker level audio into 2 channels of line level audio. This allows for the installation of line level products such as amplifiers, EQs and crossovers on systems that do not have RCA line level outputs. In addition this device will also detect the presence of an audio signal and then generate a +12V output (verified by an illuminated LED) that can be used to turn-on an aftermarket amplifier.

Features:
80 Watts Maximum Input, Input Circuit Corrects Crossover Distortion Commonly Found On Other Brands of LOCs, 6:1 Step Down with Variable Output, Gold Flashed RCAs, Attractive & Durable Enclosure. The AX-ADCT2 will shut off 60 seconds after no signal detected.