



ALOC648 4 Channel, Adjustable, Line Output Converter

The **ALOC648** is designed to convert 4 channels of speaker level audio to line level audio. This allows for the installation of line level products such as amplifiers, EQs and crossovers on stereo heads that do not have RCA line level outputs.

Features: 80 Watts Maximum Input, Input Circuit Corrects Crossover Distortion Commonly Found On Other Brands of LOCs, 6:1 Step Down with Variable Output, Detachable Input Plug, Gold Flashed RCAs, Attractive & Durable Enclosure.

Wire Color & Function: The audio input wire colors are an EIA standard for car stereo applications as follows:

INPUT HARNESS: **WHITE** = LEFT Front (+) Input, **WHITE/BLACK** = LEFT Front (-) Input, **GRAY** = RIGHT Front + Input, **GRAY/BLACK**= RIGHT Front (-) Input, **BLACK** = Reference Ground (-),**GREEN**= LEFT rear(+) Input, **GREEN/BLACK** = LEFT rear (-) Input, **PURPLE**= RIGHT rear (+) Input, **PURPLE/BLACK** = RIGHT rear (-) Input

NOTE: Be sure that all audio input connections are polarized or in phase with each other. That is, the positive output wires from the audio source need to be connected to the corresponding positive input wires of the **ALOC648**. The same goes for the negative audio wires. Failure to do this will result in poor bass response and low quality audio.

Adjusting the ALOC648 for maximum performance: After completing all of the necessary connections, turn the **ALOC648** adjustment pots all of the way down by rotating them completely counter-clockwise. Now, turn the stereo system on and adjust the main volume control on the stereo to approximately 3/4 maximum volume. Select one of the adjustment pots on the **ALOC648** and turn it slowly clockwise until you notice audio distortion and then stop. Turn the remaining pot to the same position as the previously adjusted pot. The audio set-up of the **ALOC648** is now complete and ready to be enjoyed.

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