

# AC-LGD™

**AudioControl®**  
*Making Good Sound Great™*

## LOAD GENERATING DEVICE & SIGNAL STABILIZER FOR OEM SOUND SYSTEMS REQUIRING A SPEAKER LOAD

PROVIDES STABILITY AND NOISE FILTERING FOR CLASS D AMPLIFIED OEM SOUND SYSTEMS  
MAXIMUM INPUT 20 VRMS (100 WATTS)



FACTORY UPGRADE ACCESSORY

# AC-LGD™

## LOAD GENERATING DEVICE & SIGNAL STABILIZER FOR OEM SOUND SYSTEMS REQUIRING A SPEAKER LOAD

### What is a Load Generating Device?

Today's factory systems include more Class D amplifier technology which can mute, distort, or emit damaging frequencies to your after-market audio equipment when the factory speakers are removed. The AC-LGD has been designed to generate load and stabilize signal from the factory system to ensure the best possible audio.

### Quick Start:

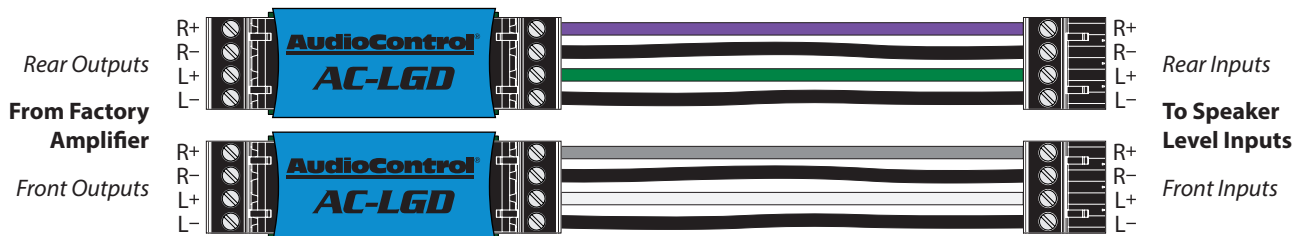
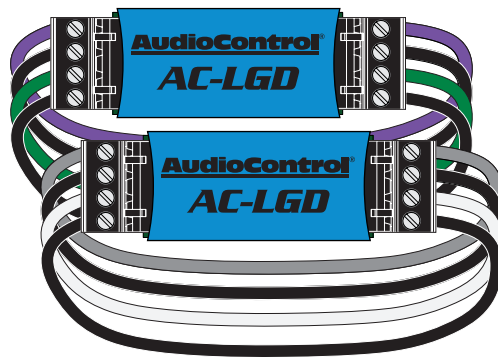
1. Remove one speaker level input plug from your AudioControl active line output converter (LOC), processor, or amplifier
2. Unplug one end of AC-LGD then plug the AC-LGD into the LOC
3. Install the plug you removed from the LOC to the open end of the AC-LGD
4. Connect your factory speaker signals to the AC-LGD
5. If you are using a LOC with different style connectors, unscrew the connectors from the AC-LGD wires and connect the wires accordingly

### Important

- ➔ Do not exceed **20 Vrms** (100 watts) of input
- ➔ Operating Impedance: 2 k $\Omega$  (20 Hz to 20 kHz) / 40  $\Omega$  (>20 kHz)
- ➔ Do not install under carpet or near heat sources

### What's Included?

One pair of AC-LGDs prewired with EIA color coded wires



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22410 70th Ave West | Mountlake Terrace, WA 98043 USA  
Phone 425-775-8461 | Fax 425-778-3166  
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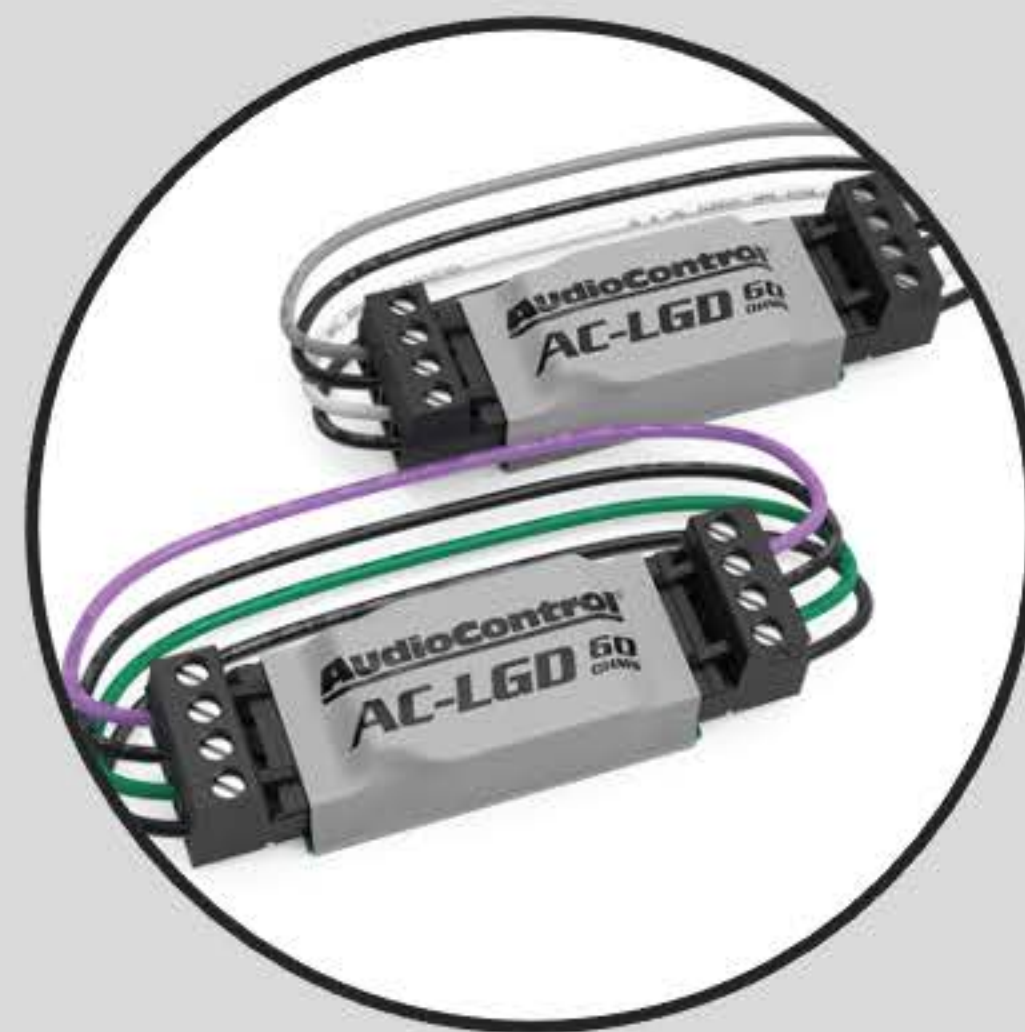




# AC-LGD Quick Reference Guide



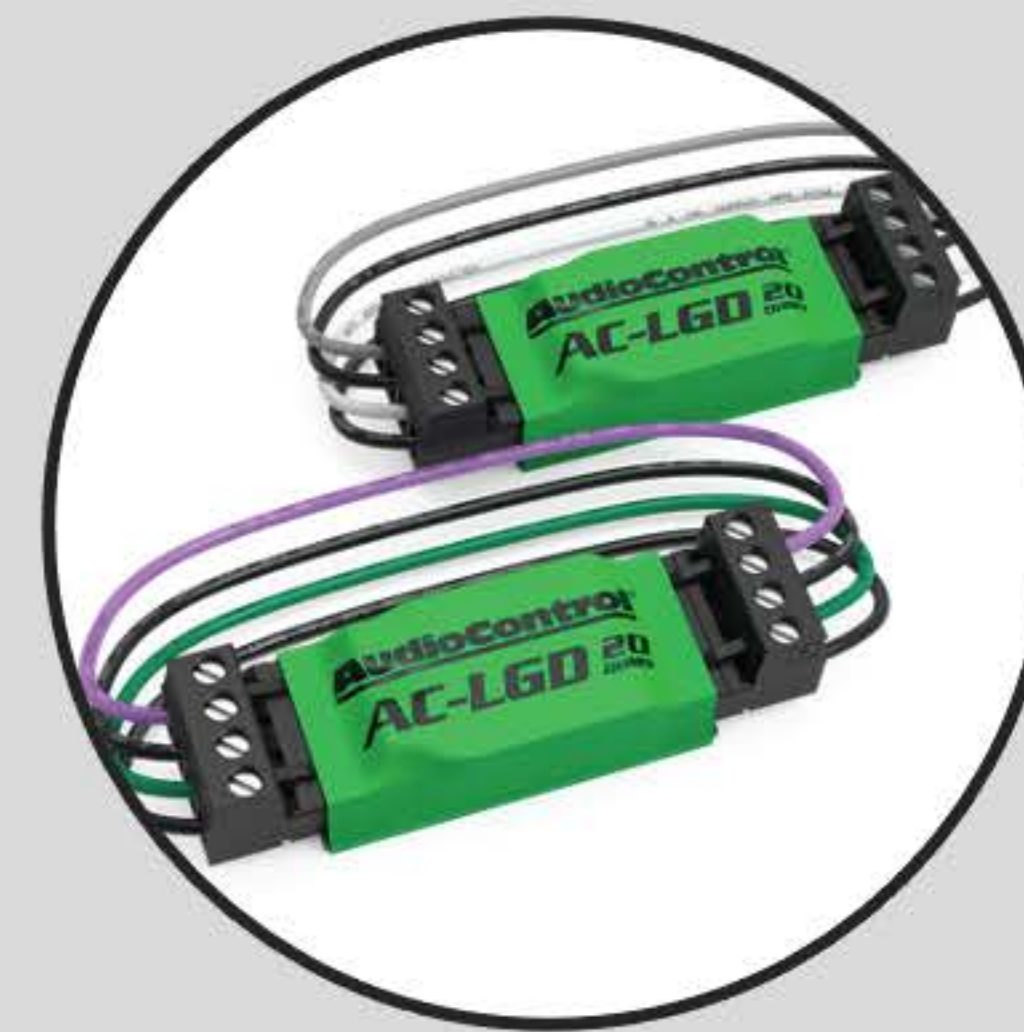
AudioControl LGD's install in-between the factory signal source & the aftermarket equipment's inputs, making them simple to install, and an inexpensive way to ensure your OE integration installation performs the way it should!



AC-LGD60 for 2018+ vehicles  
WITH AMPLIFIED OEM systems



AC-LGD for 2005-2015 vehicles  
ALL MAKES/MODELS



AC-LGD20 for 2018+ vehicles  
W/O AMPLIFIED OEM systems

## Common examples of vehicles that benefit from LGD's:

- Toyota
- Dodge/Ram
- Honda
- Ford
- Chrysler
- Alfa Romeo
- Fiat
- Harley-Davidson
- Jeep
- Subaru with STARLINK
- GM
- Maserati

Today's factory sound systems include more Class D amplifier technology which can mute, distort or emit damaging frequencies to your new aftermarket audio equipment when the factory system no longer senses an impedance load present on its outputs. Using carefully selected resistors and a Zobel Network (AC-LGD), the AC-LGD series has been designed to generate load and stabilize signal from the factory system to ensure the best possible audio.