



## LDL2

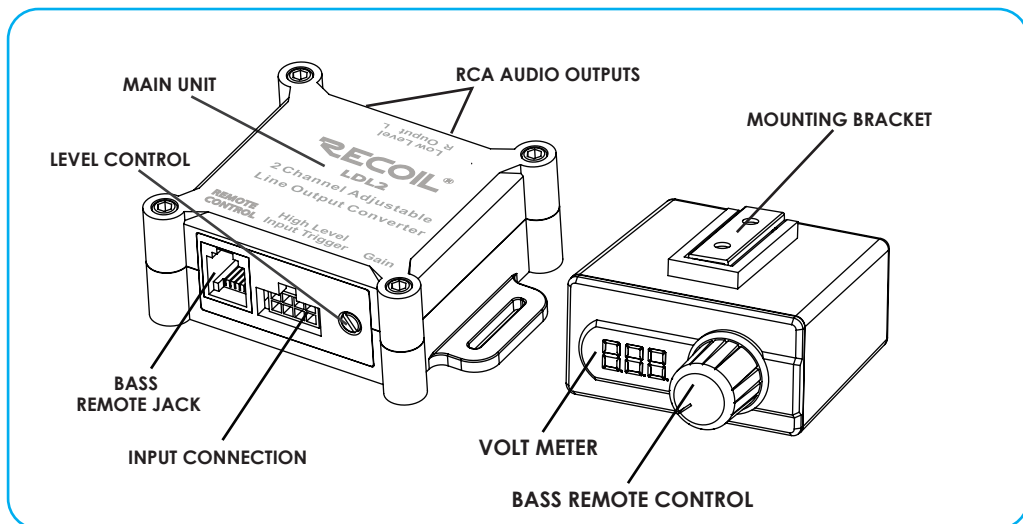
2-Channel Line Output Converter with Bass  
Remote & Volt Meter

## User Manual

## Introduction

The **LDL2** converts speaker wire (high level) to RCA (low level) outputs for the purpose of adding a 2-channel or mono amplifier to an existing factory or aftermarket stereo system. The **LDL2** also includes a convenient remote-mountable volume control with voltage meter for precise control over subwoofer amplifier level from up front in the vehicle.

## LDL4 OVERVIEW



## WIRING INSTRUCTIONS

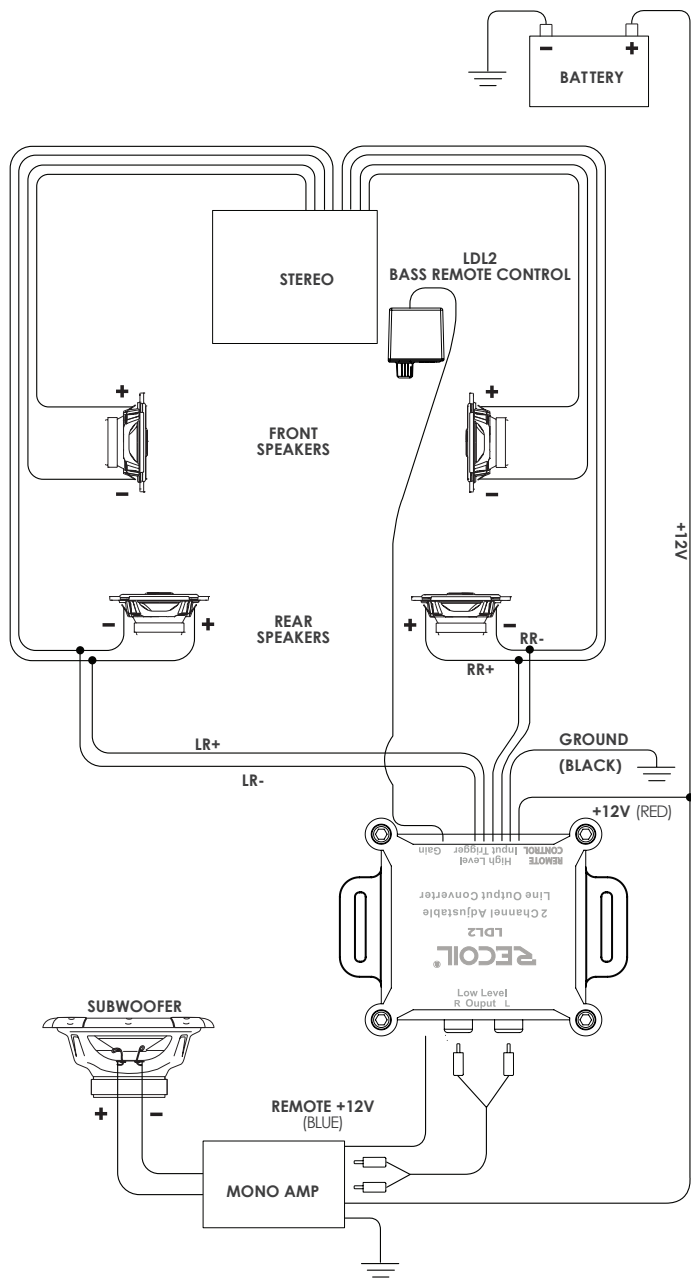
**TIPS:** For easier installation, connections can be made at the rear speakers in many vehicles without the need to remove the stereo! The LDL2 will output a +12V remote output on the Blue wire when signal is detected from the car stereo's speaker wires. Wire colors on the LDL2 may differ from the wiring codes found on your car stereo/vehicle.

1. Connect the black wire to chassis ground (vehicle metal).
2. Connect the red wire to a +12V power source. TIP: If amplifier is installed nearby, tap the red wire from the LDL2 into the amplifier's +12V battery terminal or wire.

3. Connect the front left speaker's +/- input wires to the white and white/black input wires of the LDL2. This can be performed at the vehicle's speaker location or behind the stereo itself.
4. Connect the front right speaker's +/- input wires to the gray and gray/black input wires of the LDL2. This can be performed at the vehicle's speaker location or behind the stereo itself.
5. Connect the rear left speaker's +/- input wires to the purple and purple/black input wires of the LDL2. This can be performed at the vehicle's speaker location or behind the stereo itself.
6. Connect the rear right speaker's +/- input wires to the green and green/black input wires of the LDL2. This can be performed at the vehicle's speaker location or behind the stereo itself.
7. Connect the blue wire to the amplifier's "remote turn-on" or "REM" input. Always refer to your amplifier's owner's manual for wiring details/ functions of your particular amplifier.
8. Connect the four RCA audio outputs of the LDL2 to the 2-channel amplifier's inputs (RED = right channel, WHITE = left channel). Or connect the RCA FR and RCA FL output of the LDL2 to the mono amplifier, or to the two channels to be bridged for subwoofer.

***NOTE: Some mono (monaural) sub amplifiers may have only a single RCA input. You can choose either the left or right signal from the LDL2, but it is advisable to use a y-adaptor to combine together for maximum signal level.***

WIRING DIAGRAM



## WIRING COLOR CODES

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**NOTE:** The wire colors on the LDL2 may differ from the wiring colors found on the car stereo / in vehicle. Always refer to the stereo owner's manual for wiring details/functions for your particular car stereo. The wire color codes used on the LDL2 conform to the standards set by the E.I.A. (Electronics Industry Association).

**White = Left front positive input (LF+)**

**White/black = Left front negative input (LF-)**

**Gray = Right front positive input (RF+)**

**Gray/black = Right front negative input (RF-)**

**Purple = Left rear positive input (LR+)**

**Purple/black = Left rear negative input (LR-)**

**Green = Right rear positive input (RR+)**

**Green/black = Right rear negative input (RR-)**

**Red = +12 volt power input**

**Black = Chassis ground (vehicle metal)**

**Blue = +12V remote output (amp turn-on)**

## REMOTE BASS CONTROL

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The LDL2 includes an optional remote-mount volume control to attenuate/control the new AMP/SUB system level. Choose a location accessible to the driver, passenger or both. See Figure 1 for suggested locations.

**TIP:** Check for obstructions at the chosen location before mounting/routing the volume control.

FIGURE 1

