



# DS18 V6HL PRO 6 Channel High Performance Hi to Lo Conversion Owner's Manual

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# DS18 V6HL PRO 6 Channel High Performance Hi to Lo Conversion Owner's Manual



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## FEATURES

- 6 Input and Output Channels
- Speaker-Level Inputs – Can Accept 400-Watts MAX Signal
- Internal Channel Summing
- Signal-Sensing Inputs
- Level Matching Controls
- 12 Volts Trigger Output (Remote Out)
- Remote Subwoofer Level Control Included
- Tiffany RCA Jacks

## SPECIFICATIONS

- **Maximum Speaker-Level Input:** 400 Watts at 4 ohms
- **Max Output Level:** 9.5 Vrms
- **Frequency Response:** 10 Hz – 22 KHz
- **Output Gain:** + /- 12 dB
- **Total Harmonic Distortion:** 0.01 %
- **Input Impedance:** 20 Kohms
- **Power Supply:** High Headroom PWM Switching
- **Power Draw:** 200 mA
- **Recommended Fuse Rating:** 1 Amp
- **Remote Trigger Output Current:** 1 mA
- **Dimensions:** 8" W x 6.1" D x 1.25" H

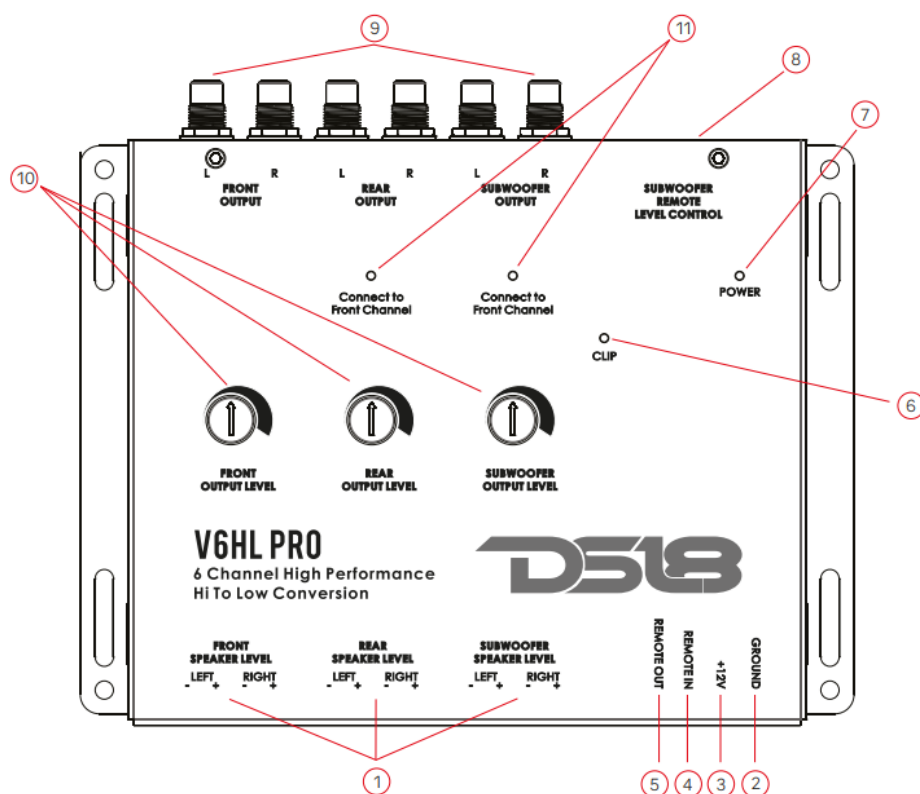
### Internal Channel Summing

Sums Together the Factory Inputs (4 to 6) Into 2 Channels. With the V 6 H 2 L PRO V6HLPRO, all the actively Crossed Over Signals Become One; Thus Delivering High-Quality, Full-Range, Pre-Amp Signal without Additional Hardware.

### Auto mode Inputs

V6HLPRO is Equipped with Inputs that Automatically Feed the Rear Channel Signal to Subwoofer Channel Outputs. Therefore, 2 Input Channels give you 4 Outputs, and 4 Input Channels give you 6 Outputs.

### GUIDED TOUR:



#### 1. **Speaker-Level Input:**

These inputs get their signals from the speaker-level outputs of your factory-installed source unit or amplifier

#### 2. **Ground:**

Connect to a good, verified chassis ground.

#### 3. **+12 Volt:**

Connect to a good, verified source of power.

#### 4. **Remote In:**

Allows your V6HLPRO to be turned on remotely with a 12 Volt Signal.

#### 5. **Remote Out:**

Outputs 12 Volts when your V6HLPRO is powered up.

#### 6. **Clip Indicator:**

This LED indicates when your signal level is just below clipping. This LED should flicker occasionally when your system is playing at its maximum volume level.

#### 7. **Power:**

This light should be bright red when your system turns on.

#### 8. **Remote Subwoofer Level Control Input:**

This input allows you to add the remote that will allow you to control the subwoofer output from your dashboard.

#### 9. **Pre-Amp Output:**

These RCA Connectors Should be connected to the next component, such as signal processor, crossover or amplifier.

#### 10. **Level Controls:**

These knobs allow you to adjust the signal level from your source unit to match that of your aftermarket amplifiers.

#### 11. **Channel Summed Indicators:**

Under the cover of your **V6HLPRO** are jumpers that will allow you to sum selected channels into the main channels. The LED's indicator let you know which channels are being summed into the main inputs.

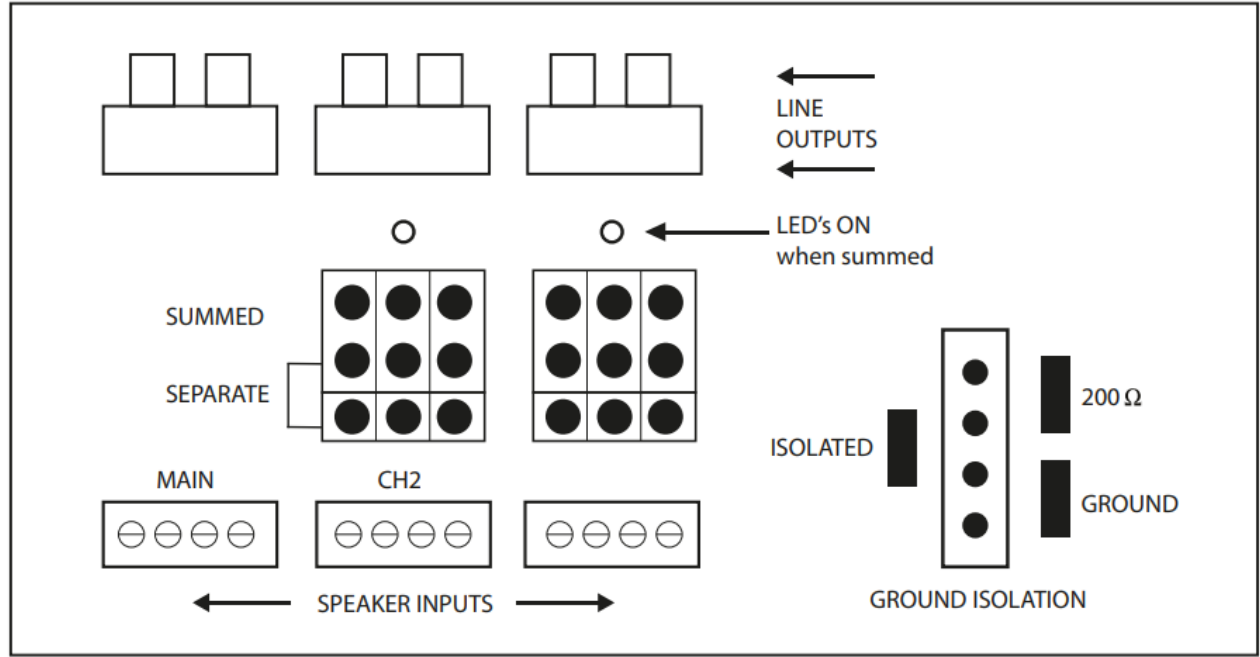
**INSIDE VIEW**

**Output Summing Jumpers:**

These jumpers let you select the input signal that will be summed into the main output. A LED light on the front indicates when the jumper is in the summed position.

**Ground Isolation Selector:**

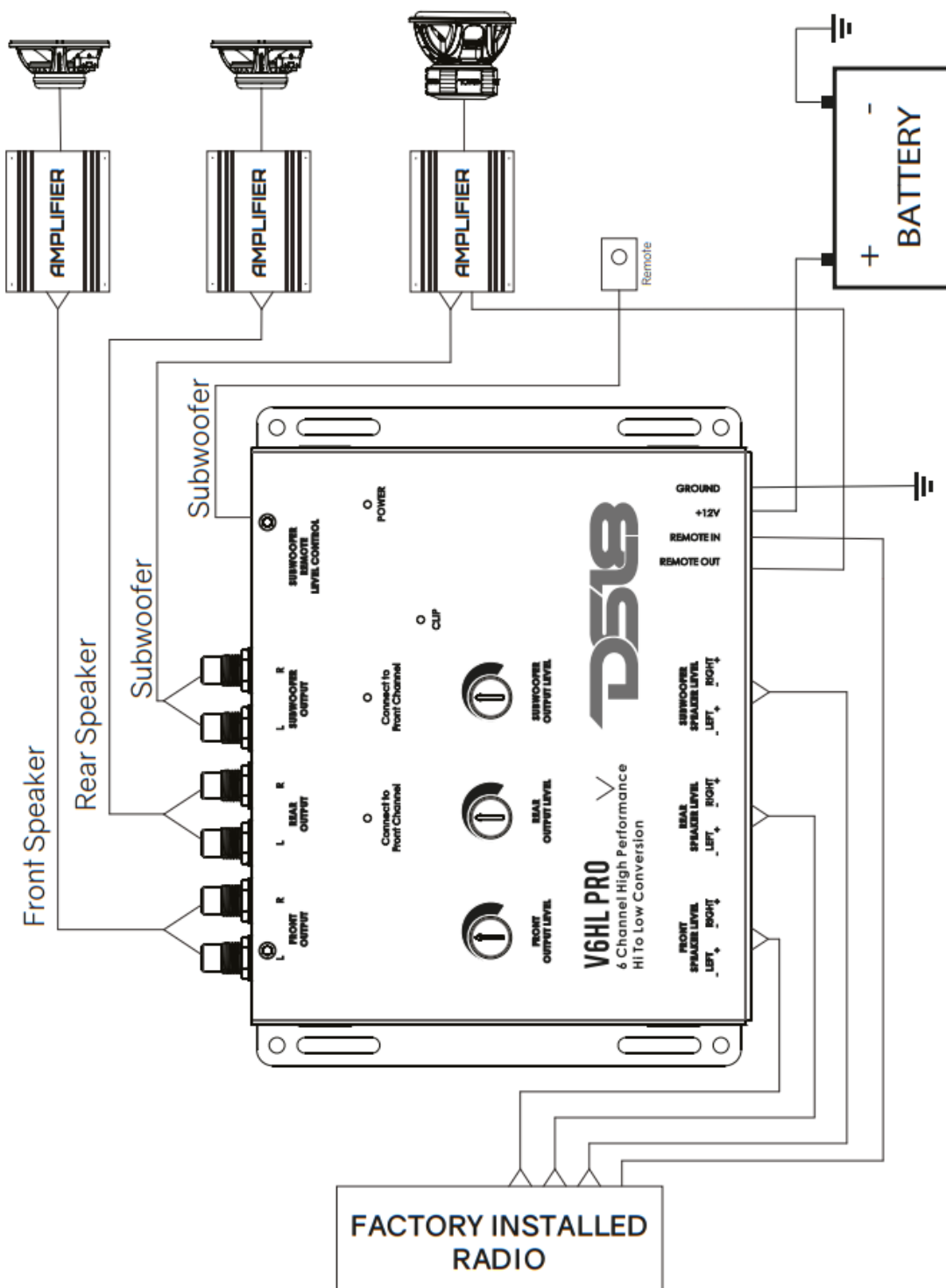
If the source unit and the amplifier are using different grounding setups, the alternator may cause noise in the system. In order to prevent this, you will find included alternative grounding connections. **TURN OFF YOUR SYSTEM BEFORE MOVING THE JUMPERS.**



**Factory Settings – Internal Jumpers**

JUMPERS	FACTORY	OPTIONS
GROUND ISOLATION	Isolated	200 Ohms / Ground
SUMMING JUMPERS	Separate	Summed

**INSTALLATION**



## Warranty

Should your V6HL PRO require service please consult with the dealer from which it was purchased, or Cadence Local Dealer.

Do not attempt to return your V6HL PRO directly to us without first calling for a Return Authorization Number.



Units received without an accompanying Return Authorization Number will be processed slower.

Additionally, you must include a copy of your purchase receipt from an authorized dealer for consideration of in-warranty service; otherwise repair charges will apply. Units received without a receipt will be held for 30 days, all units will be returned to you, unpaired.

## V6HL PRO

6 Channel High Performance V6HL PRO Hi to Lo Conversion 6 Channel High Performance V6HL PRO Hi to Lo Conversion.

Documents / Resources

  	<a href="#">DS18 V6HL PRO 6 Channel High Performance Hi to Lo Conversion</a> [pdf] Owner's Manual V6HL PRO, 6 Channel High Performance Hi to Lo Conversion, Performance Hi to Lo Conversion, Hi to Lo Conversion, 6 Channel Conversion, Conversion
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