

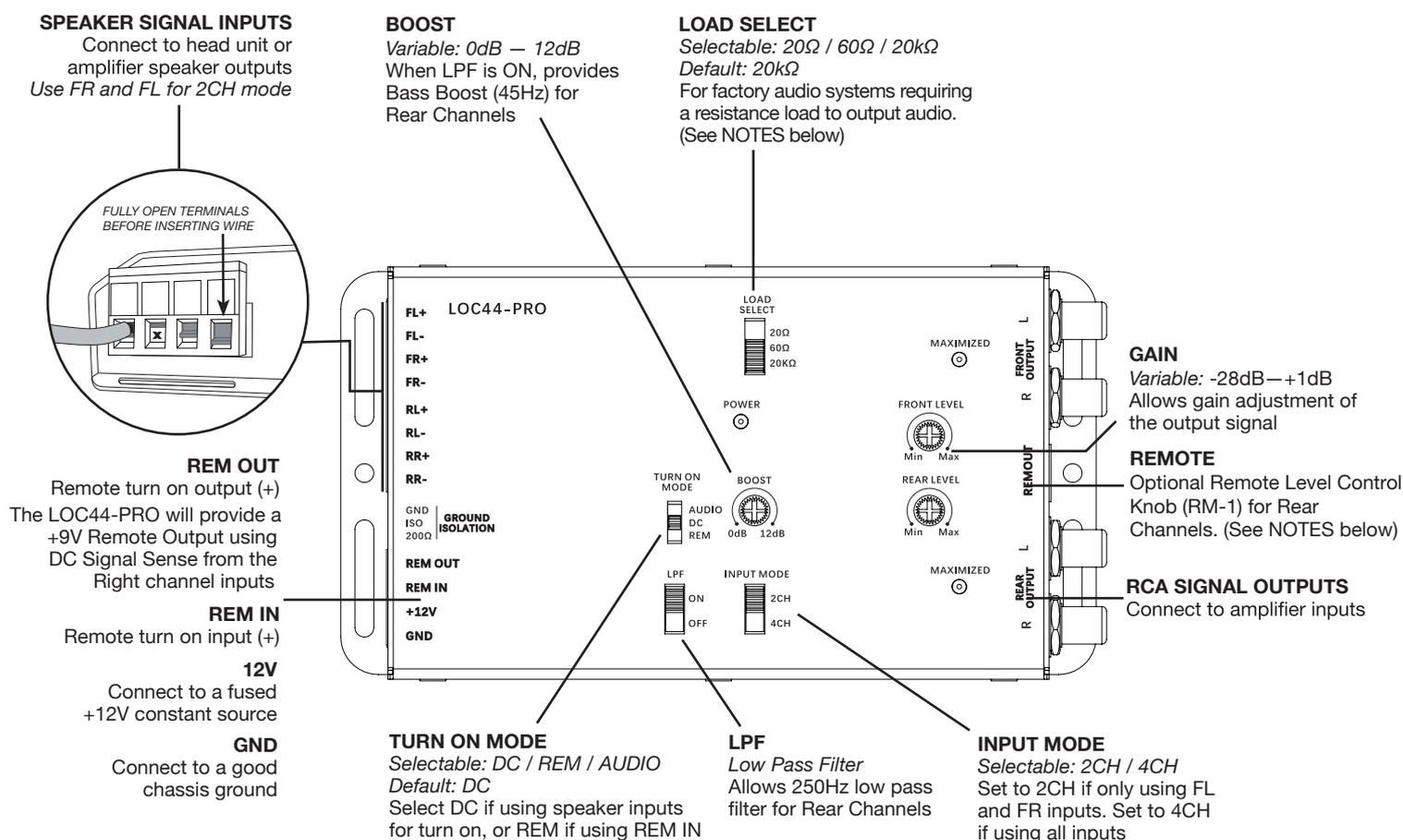
ADVANCED LINE OUTPUT CONVERTER

Quick Start Guide

The LOC44-PRO can be used to add amplifiers to an audio system that does not have RCA outputs or when replacing an OEM radio and retaining the factory amplified system. Variable Gain Controls with Clipping Indicators, Selectable Ground Isolation and Load Select features ensure a pure, noise-free signal for any type of audio system.

This Quick Start Guide will get you going, but if you need additional help or information, please visit our website or contact Technical Support.

LOC44-PRO 4 Channel Line Output Converter



REMOTE- It is always optimal to adjust the gain at the output side of the amplifier, thus it's recommended to use the Amplifier's Remote Knob when available.



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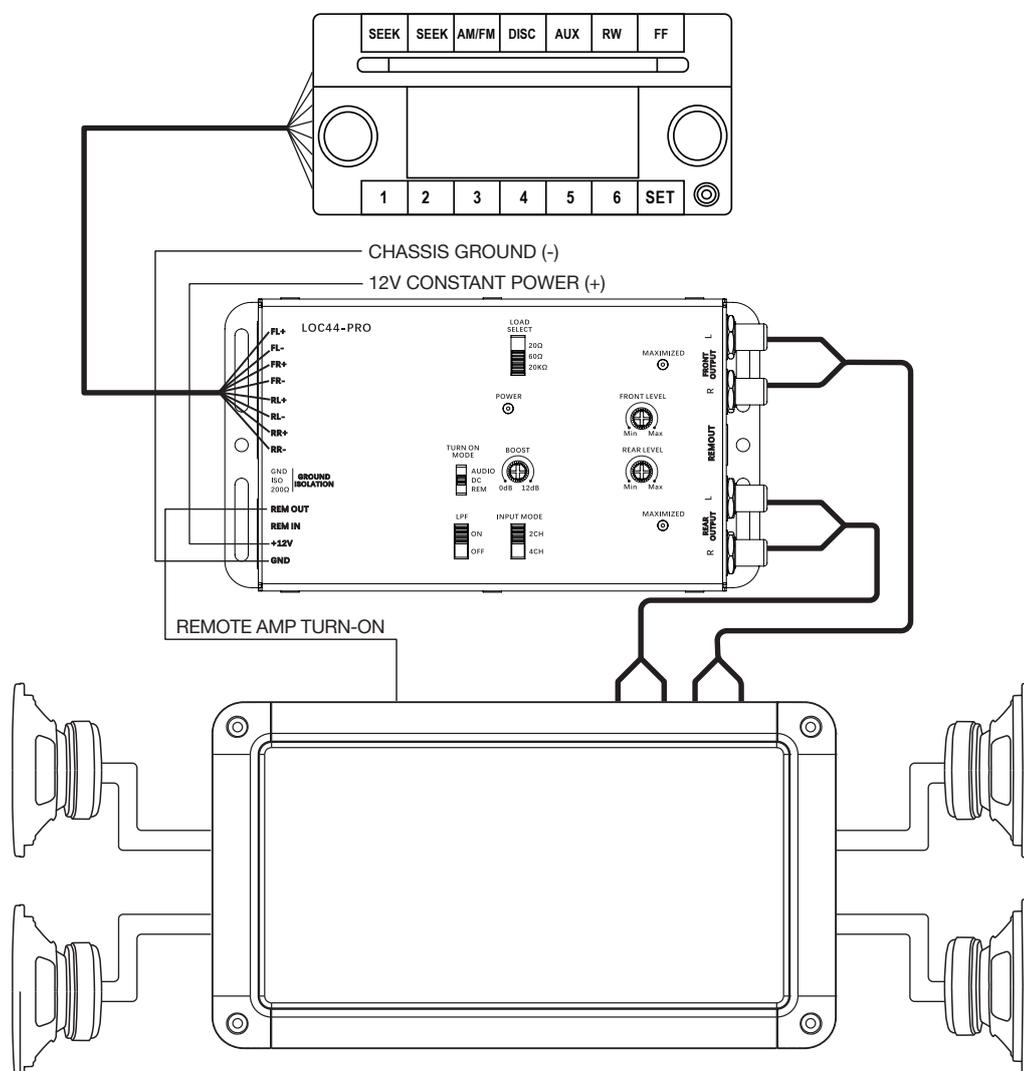
www.edgeholdings.com

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Example Installation

Speaker level input from a radio to RCA level output for an aftermarket amplifier is the most commonly used configuration for the LOC44-PRO. This will create RCA level outputs from a radio that only has speaker level outputs.

In the example below, the Positive(+) and Negative(-) wires of two speakers are tapped and connected to the SPEAKER SIGNAL INPUTS of the LOC44-PRO. The speakers will continue to play as normal. The REM OUT is connected to the amplifiers turn-on. When the radio is turned on the LOC44-PRO will automatically turn on the amplifier. Lastly, the RCA SIGNAL OUTPUTS from the LOC44-PRO are connected to the aftermarket amplifiers inputs.



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DC Signal Sense

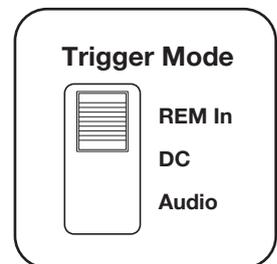
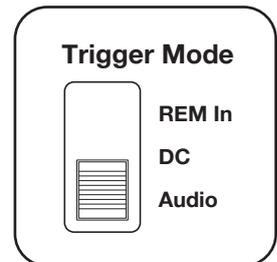
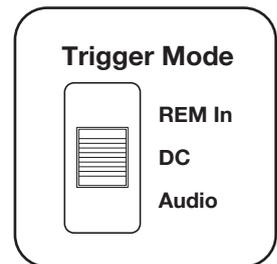
DC offset is a high falutin technical term that means the LOC44-PRO can sense when the head unit is on, not necessarily when audio is being sent to the LOC44-PRO. Use DC Signal Sense mode when your factory sound system Dutputs a DC offset when it is on.

Audio Sense

When this mode is selected, the LOC44-PRO will ONLY turn on when you start playing a source from the head unit. Whether it be the radio, CD player or streaming via Bluetooth from a mobile device. If you turn the head unit on, but DON'T play audio, the LOC44-PRO will not turn on.

Remote Input

This is the traditional way to turn on the LOC44-PRO and gives you more control of exactly when the unit will turn on. Most common places to connect the remote input are from the ignition of the vehicle, fuse box, or some other 12V source (such as a cigarette lighter).



Model	LOC44-PRO
Channels	4 IN-4 OUT
Max Input Level (20kOhm)	40V / 400W @ 20K Ohm
Operating Voltage	9V - 16V
Trigger Selection	REM/DC/ AUDIO
Turn On Trigger (DC)	3V-7V
Output Max@13.8V	9.5VRMS
Input Impedance Selection (Speaker Level)	20/ 60 / 20k Ohm
Input mpedance (RCA Level)	N/A
Ground Selection	GND / ISO / 200Ohm
Gain Adjustment	-28dB to +1dB
Input Sensitivity	0.5V- 20V
Signal to Noise	> 110dB @6.4V Output
THD+N	<0.01%
Frequence Response	20Hz - 20kHz
Low Pass Filter	< 250Hz (Rear Channels)
Clip Indicator	YES
Bss Boost	0dB + 12dB (Rear Channels)

