

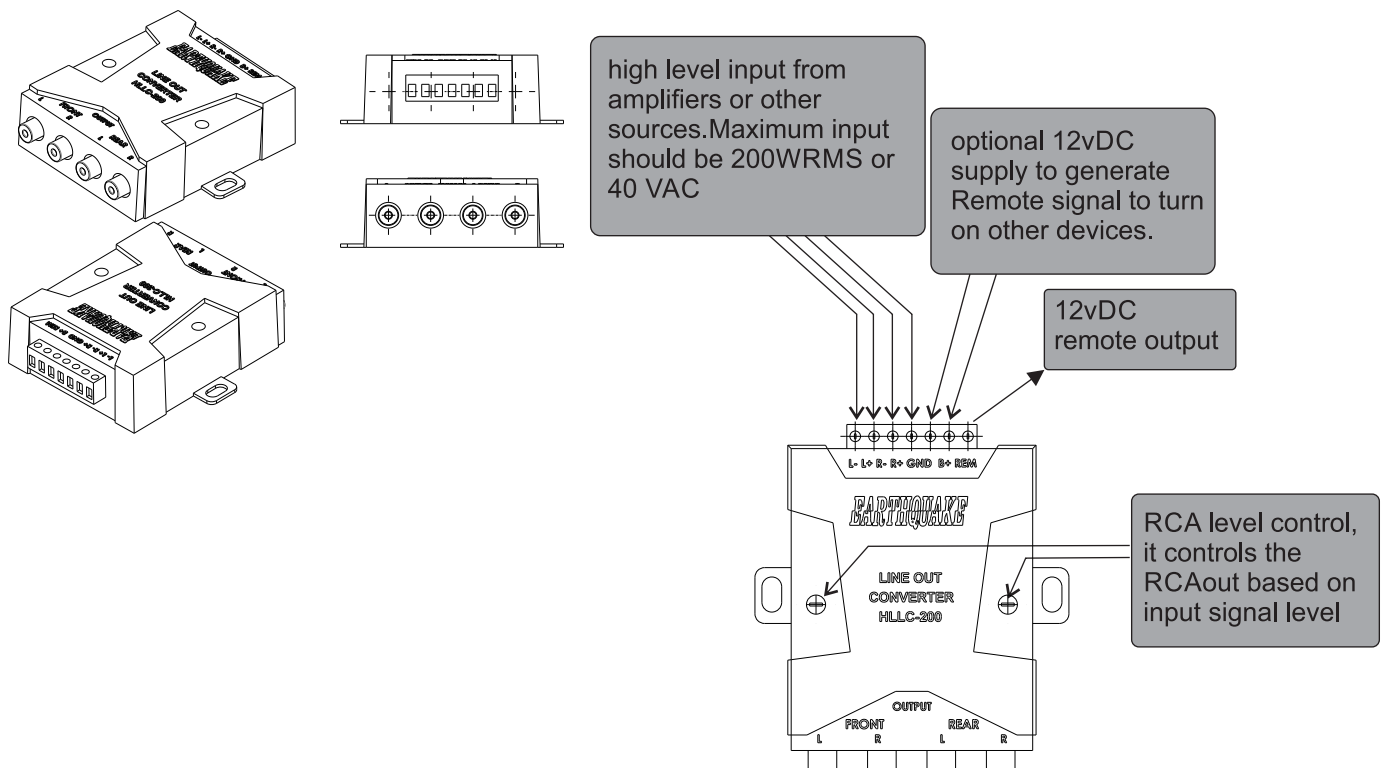
The HLLC 200 is a High power differential high low adapter. So what does it mean

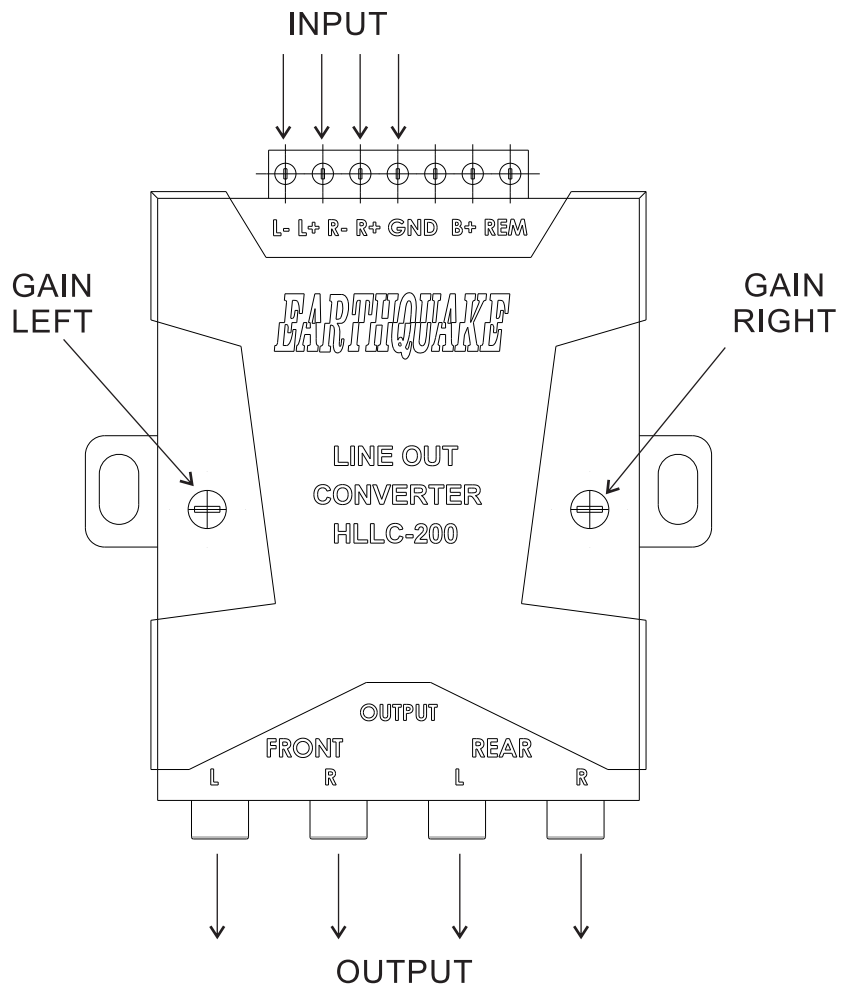
- 1- First it can reduce the high power output of an amplifier to produce a low level input (RCA, or XLR).
- 2- How about the word differential? Well since the HLLC could be hooked up to any type of amplifier, we design it so that it will not short the output. So, if you have a bridged type amplifier, self-bridged, single output amplifier, it will work without any problem.
- 3- Does it work in car? Actually, originally it was designed for car audio soon after, consumer found it to be an excellent device for home audio as well. It can isolate the input and the output magnetically as well as matching the level output.
- 4- How to use it in car audio? Well most new cars have good enough full range speakers. The front speakers typically are 5.25" and 6.5". The rear speakers are the same but the subwoofers are weak. Most consumers can live with the factory radio and speakers but the bass need some work. The HLLC200 allows consumers to tap into the rear speakers to use their signal to power the high-level input regardless what type of radio. This is where the DIFFERENTIAL INPUT comes in handy. In short if you do not use differential input, you could burn your factory radio. HLLC200 allows the consumer to reduce the signal level down to a range of 0.1 volts to 5 volts. This covers most input stage of any amplifier. In addition, the HLLC has the ability to use the music in the car to generate a turn on power for the trunk mounted amplifier without running the wires from the front all the way to the back. Most leased vehicles do not allow for aftermarket wiring. Once the consumer has the low level signal in the trunk (RCA), and the turn on 12 volt, adding a sub could be as easy as 1,2,3. You could easily mount the earthquake tube in the trunk under the read deck and still have full use of your trunk, access the spare tire.
- 5- How about home audio? Well HLLC200 works its magic in home as follow. Say you have two speakers that are power and you need to add a woofer. So all you have to do is simply supply the high level signal from the front speaker to the HLLC200 and set the pot to match the subwoofer and call it a day.

In pro sound, the HLLC200 works like magic when coupled with the Hum Kleaner. Installs that have run distance of 20 feet and up to 200 feet should increase the gain at the source before the run. The Hum kleaner does that. Thereafter the HLLC200 will match the amplifier gain by reducing the signal down to amplifier input level.

So, there are so many ways to use this unit, it is flexible, nicely designed and very affordable.

Thank you for considering Earthquake for future installs.





INPUT SIGNAL FROM AMPLIFIER				POT SETTING	OUTPUT LEVEL VOLT
In Volts,	Watt 2ohms	Watt 4ohm	Watt 8ohm		
6	18	9	4.5	MIN CCW	1v
6	18	9	4.5	1/4	0.5V
6	18	9	4.5	1/3	0.3V
12	72	36	18	MIN CCW	2V
12	72	36	18	1/4	1V
12	72	36	18	1/3	0.7V
24	288	144	72	MIN CCW	4V
24	288	144	72	1/4	2V
24	288	144	72	1/3	1.3V
36		324	162	MIN CCW	6V
36		324	162	1/4	3V
36		324	162	1/3	2V