

The LGB-4 Line-level Gain Booster/Balancer is designed to allow independent +/- adjustment and/or boosting of the strength of up to four (4) Line-level (non-amplified) stereo audio signals.

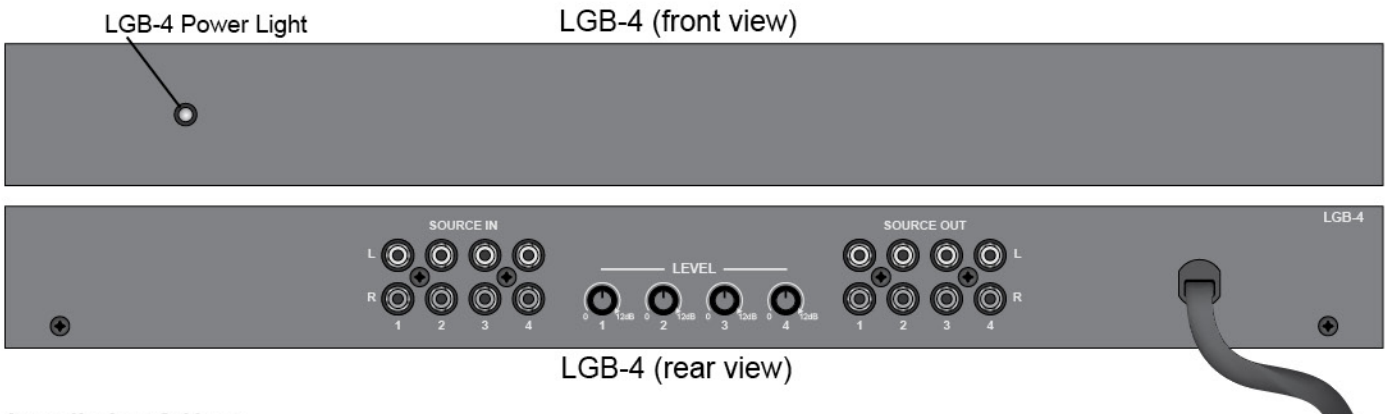
This is helpful in several cases, such as:

1. **Balancing** - The Line-level audio signal coming from multiple source devices varies, causing constant adjustment of volume setting on whole-house keypads or volume controls when you change sources.
2. **Boosting** - One or more of your Line-level audio signals from a source device is too low for adequate volume after amplification and needs to be adjusted to a higher level before being used as input to the amplifier.
3. **Reducing** - One or more of your Line-level audio signals from a source device is too high and needs to be adjusted to a lower level before being used as input to the amplifier.

Important note: The LGB-4 is designed to ONLY take input of non-amplified Line-level signals using red & white RCA connectors. The LGB-4 should **NOT** be connected to any speaker wires or to any amplified speaker-level audio output signals. To do so will damage the LGB-4.

The LGB-4 allows adjustment of Line-level strength, for up to four (4) different sources, over a range from -12 dB to +12 dB by turning the four Level adjustment knobs on the rear of the unit. Turning the adjustment knob all the way counterclockwise reduces Level strength (to a minimum of -12 dB, all the way down to "off".) Turning an adjustment knob all the way clockwise increases Level strength (to a maximum of +12 dB of gain.)

NOTE: When you first unpack your LGB-4, the Level adjustment knobs will be turned all the way counterclockwise ("Off"). If not adjusted from that initial position, no sound will be heard.



Installation & Use:

1. The LGB-4 has four numbered, Left & Right sets of round, red & white female RCA connectors. These are labeled as "SOURCE IN" (1 - 4) and "SOURCE OUT" (1 - 4). Corresponding IN and OUT numbers go together. For example, a Line-level audio signal connected to the "SOURCE IN" RCA pair 1 on the left rear of the LGB-4 will be output from "SOURCE OUT" pair 1 on the right rear of the LGB-4.
2. Connect a high-quality RCA audio cable between the round red & white RCA output connectors on your audio source device and one pair of the RCA "SOURCE IN" connectors on the back of the LGB-4.
3. Connect high-quality RCA audio cable between the same-numbered RCA "SOURCE OUT" connectors on the LGB-4 and the red & white RCA Source In or Line In connectors on the amplifier or whole-house controller you are using. Repeat this for the other LGB-4 "SOURCE OUT" connectors you will be using.
4. Plug the LGB-4's power cord into a convenient wall outlet. When connected, you will see a blue LED illuminated on the front of the unit. The unit is now powered and ready to use.
5. Start your audio source playing. Turn on your amplifier and/or whole-house controller.
6. Adjust the LGB-4's Level adjustment knobs to a level that is adequate for your application.

Note: The LGB-4 comes with attachable rack-mount ears if you want to install it into an equipment rack.

Warranty

All HTD electronics carry a two-year parts and labor warranty. Warranty registration occurred automatically at the time your order was placed. There is no need to complete or mail in additional paperwork.

If you have any questions, we can be reached at...
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