CAB•LINK
User Guide
Thank you for purchasing the Cab-Link, a rugged problem-solver that allows you to connect a single amplifier to two speaker cabinets with ease. Before using the Cab-Link, please take a moment to review this short manual for full details on how to connect and utilize this handy device.

If you find that you have any unanswered questions, please visit the FAQ page on our website where we post questions from other users as well as updates. If you require more information still, please send us an email at info@radialeng.com and we will do our best to respond promptly.

FEATURES

1. FROM AMP SERIES: Connect your amplifier to this input when using in series configuration.
2. FROM AMP PARALLEL: Connect your amplifier to this input when using in parallel configuration.
3. SPEAKER A & B OUTPUTS: Connect to the inputs of your two speaker cabinets.
4. LINE OUT: Additional output can feed another amplifier or effects device.
5. LEVELS: Adjusts the signal level of the Line Out.
6. 14-GAUGE STEEL: Solid steel enclosure ensures the Cab-Link will handle the most rigorous touring environments.
MAKING CONNECTIONS

The Cab-Link is completely passive with no need for power. When connecting your amp head and cabinets to the Cab-Link, always ensure that you are using heavy-gauge speaker cable, while keeping cable lengths as short as possible. Start with your amp powered down to eliminate plug-in transients.

Before making connections, check the impedance of each of your cabinets; this will be rated in Ohms (Ω). This value should be the same for both cabinets, do not mix cabinets that have different impedances. Once you have verified both cabinets have the same impedance, connect them to the SPEAKER A and SPEAKER B outputs on the Cab-Link.

Next, check the impedance of your amplifier output. Some amps will have a switch that will allow you to select the output impedance, while others may have multiple outputs with differing impedances. The guide on the top of the Cab-Link will let you know whether to use the FROM AMP SERIES or FROM AMP PARALLEL input. (Always ensure that you use only one or the other — never connect to both inputs simultaneously.)

Warning: Do not use both inputs of the Cab-Link simultaneously.

16Ω Speaker Output

8Ω Input 4Ω Input

When connecting your cabinets in parallel configuration, the overall impedance decreases (two 8Ω cabinets wired in parallel will present a 4Ω load).

In series configuration, the impedance they present to your amplifier increases (two 8Ω cabinets wired in series will present a 16Ω load).

The Cab-Link allows you to choose which wiring configuration you want to use by selecting the SERIES or PARALLEL input. For optimal results, always make sure that the output impedance of your amplifier matches the impedance of the load you are connecting to. For example, if you have two 8Ω cabinets and a 16Ω amp, you would need to connect using series wiring configuration. With the same two 8Ω cabinets and a 4Ω amp, this would require using parallel configuration and connecting to the FROM AMP PARALLEL input.

Ensure that both cabinets have the same impedance in Ohms (Ω).
LINE OUTPUT
The Line Output on the Cab-Link is an additional feature that allows you to feed the input of another amplifier or an effects device. This output is adjustable via the level control on the side of the Cab-Link, and you can connect to it using standard guitar cables. Note that this output cannot be used to feed a third speaker cabinet.

SPECIFICATIONS*
Audio Circuit Type: ................................................................. 100% Passive
Maximum Power Rating: .......................................................... 400W
Input connections: .................................................. 1/4" Series or Parallel
Output Connectors: .......................................................... 1/4" Speaker A, Speaker B, Line Out
Extras: ................................................................. Trim Control for Line Out
Construction: ............................................................. 14-Gauge Steel Enclosure
Warranty: ............................................................. Radial 3-year, transferable

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