



Multiple Speaker Wiring

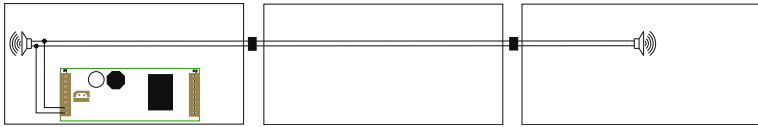
Guidelines:

The BigSound™ board can safely drive any speaker combination that presents a load of 4 or more ohms.

The best multiple speaker combination is a pair of 8 ohm speakers wired in parallel. Polarity must be maintained to avoid sound cancellation; wiring the corresponding speaker terminals together causes the speaker cones to move in the same direction at the same time.

Diesel Lash-ups:

The simplest system for multiple unit diesels is to mount the sound system and one speaker in the lead engine. Another speaker is then mounted in the last engine in the string. The intervening engines can be fitted with pass through wiring and polarized connectors, which are available from Phoenix.



CAUTION: BE SURE THAT NO BARE WIRE IS EXPOSED AND CAPABLE OF SHORTING WHEN THE CONNECTOR PULLS APART.

For more than two speakers the following configurations will work, based upon each speaker being rated at 8 ohms.

