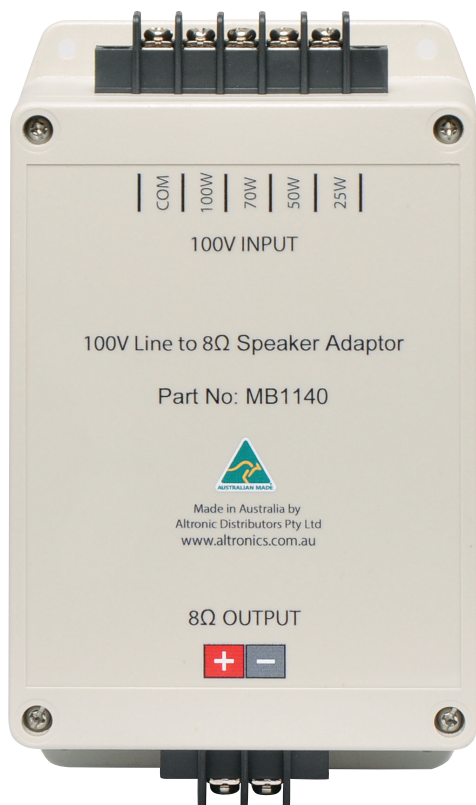


100V Line - 8Ω Speaker Adaptor

Operating Manual



Overview

The MB1140 incorporates the highly efficient M 1140 high power 100V line toroidal audio transformer. Designed for matching 8 ohm speakers to 100V Line Amplifier systems, it provides a simple solution for installs where an 8Ω speaker is being powered from a 100V Line Amplifier. The unit has four Input Power ratings 25W, 50W, 75W and 100 Watt.

Connections

Connecting the MB1140 is as simple as wiring the output of a 100V line amplifier to the relevant 100V Input connection terminals of the MB1140. The outputs of the MB1140 are then connected to an 8Ω speaker.

Figure 1 illustrates the connections between a Redback® A 4047 100V 100W amplifier and an 8Ω speaker. The "100V Out" negative connection from the amplifier is connected to the "COM" terminal of the MB1140. The positive connection from the 100V 100 Watt amplifier is connected to the "100W" Input terminal of the MB1140. If the amplifier used was a 50W 100V line amplifier, the positive connection from the amplifier would be connected to the 50W terminal of the MB1140 and so on. The output from the MB1140 is then connected to an 8Ω speaker following the polarity markings.

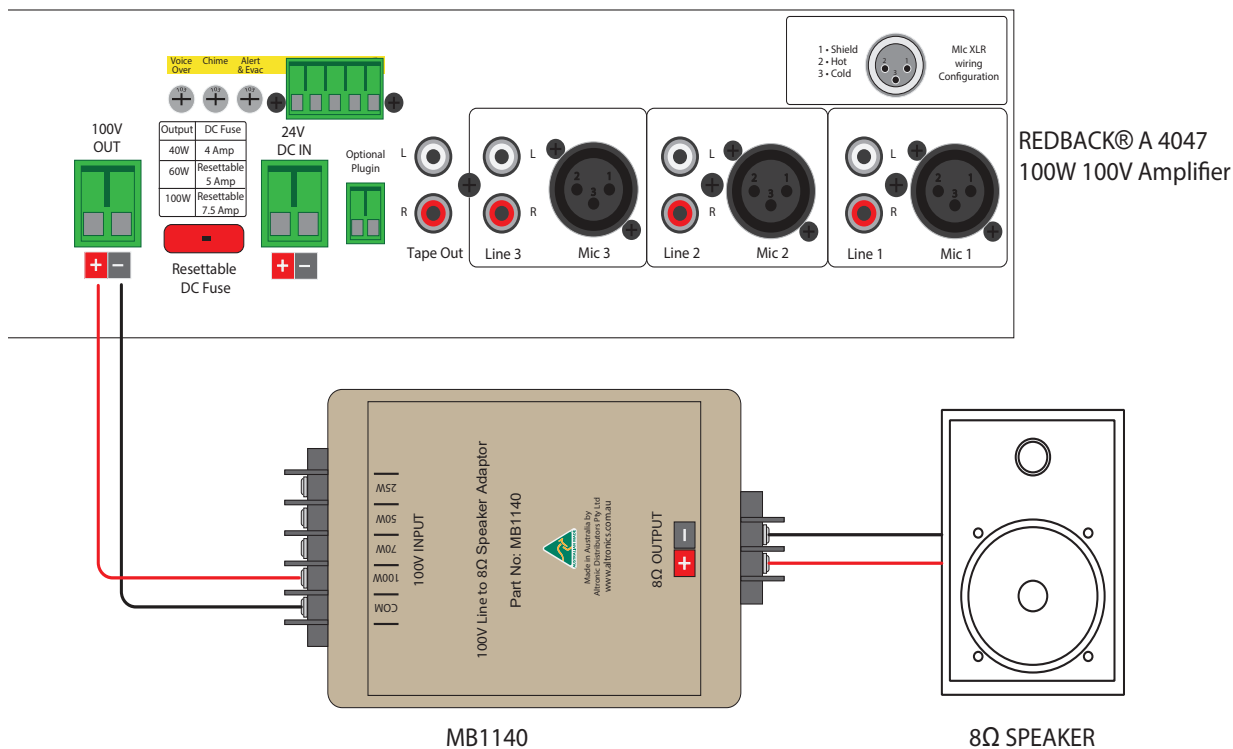


Fig 1.