

ISOBARIK PASSIVE TO ACTIVE CONVERSION INSTRUCTIONS

Recommended Toolkit

No 1 Posidriv Screwdriver
No 2 Posidriv Screwdriver
Wire Cutters
Wire Strippers
10mm A/F Spanner
Good quality soldering iron (Weller PU2D station
with No 7 PTDD tip)
United Alloys or Frys 18swg (1.2mm) solder
PVA (wood glue)
12 small cable ties
Damp cloth

Instructions - Please read before starting

Remove the grilles - put a piece of tape over each treble unit. Turn the speaker upside down using the top piece from the original packing as a stand to protect it.

Remove the eight cover securing screws and the cover. Remove the eight crossover securing screws, desolder the crossover input wires at the 4mm terminals and snip all other wires as close to the crossover board as possible. The crossovers can now be moved out of the way - don't lose the spacers or screws.

Strip, twist and cable-tie both negative (black) bass unit wires as shown on the enclosed diagram (a taper at the end, as shown, makes fitting easier). Get an assistant to hold the untinned wires into the recess on the negative bass socket with a damp cloth while soldering them in place.

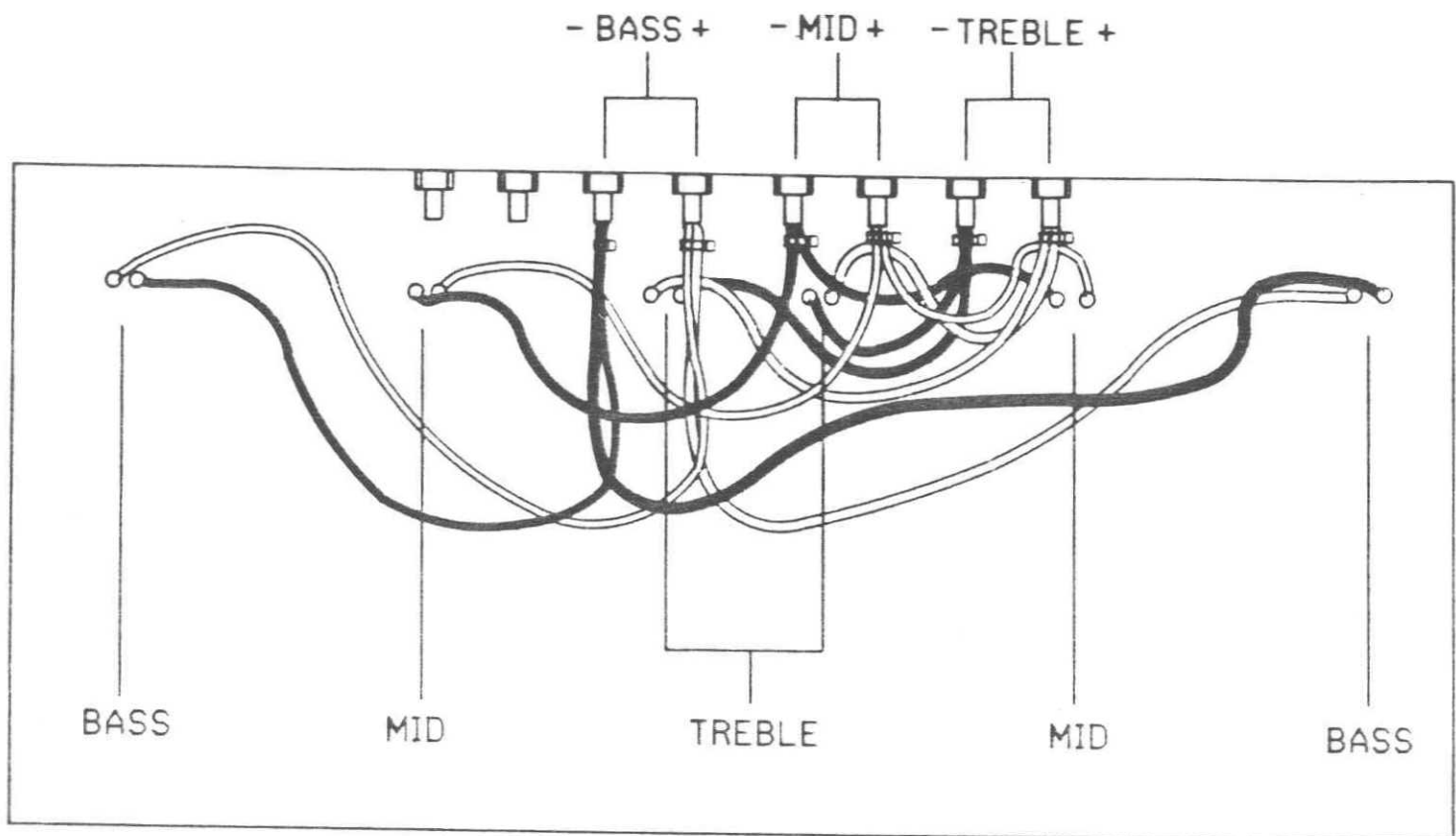
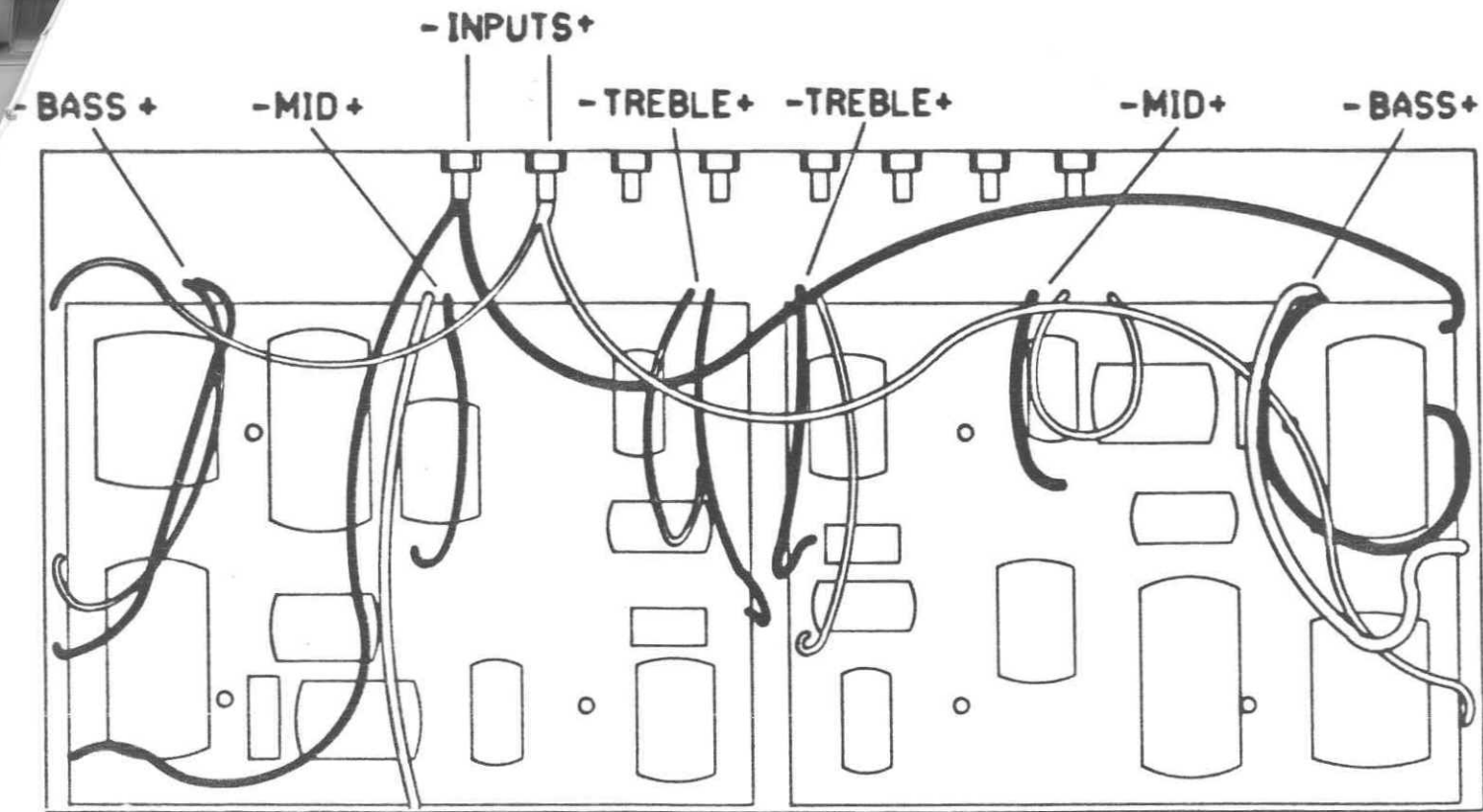
Apply enough heat to ensure a good joint - test it by giving it a sharp tug. Repeat this with the positive bass wires and the other units referring to the enclosed diagram.

Note: Do not cut the wires to neat lengths, someone may want to use the speaker passively at some later date and performance will be compromised if links have to be used.



Replace the crossover making sure all eight spacers are in place and that no wires are trapped underneath the crossovers. Refit the cover. Do the other speaker.

To test that you have wired the speakers correctly use the output of the treble amp through bass, mid and treble, thus preventing damage.

Active to passive conversion is a reversal of the above.



LEGEND

-  = NEGATIVE (BLACK)
-  = POSITIVE (RED)

