Tait Electronics (Aust) Pty Ltd   Fitting Instruction

A800-DSA
T800 II Dual Speaker Adapter

Introduction

This fitting instruction details the application of the A800-DSA T800 II Dual Speaker Adapter to a T800-15-0000 Speaker Panel. The A800-DSA is not a speaker panel, but an adapter PCB that replaces the small PCB on the back of a T800-15-0000 Speaker Panel. Once fitted, more than one receiver can be to be connected to the single T8000-15-0000 speaker.

The A800-DSA is suitable for use with the T800-15-0000 Speaker Panel with programming port. It is not suitable for use with the T800-15-0001 Speaker Panel without programming port, or for use with T800 Series I products.

The A800-DSA will support the connection of up to three simultaneous receivers but is only supplied with the parts for connecting a second receiver. The parts for connecting the first receiver come with a T800-15-0000 Speaker Panel.

Requirements

The A800-DSA is not supplied with a speaker panel. A T800-15-0000 Speaker Panel must be purchased separately.

Procedure

1. On the T800-15-0000 Speaker Panel, remove the small PCB fitted to the rear of the RJ45 programming port panel mount socket. De-solder the two wires connected to the small PCB. Leave the other end of the wires connect to the speaker, for later use.

2. Plug the supplied A800-DSA board into the rear of the RJ45 programming port panel mount socket. The board should have its components facing upwards, towards the speaker.

3. Solder the two wires coming from the speaker to the A8-DSA PCB. The grey wire to the "SPKR+" pad, and the black wire to the "SPKR-" pad.

4. The A800-DSA is supplied with a speaker cable to connect the board to a second receiver (via a T800 Series II back plane PCB). The original speaker cable supplied with the T800-15-0000 Speaker Panel is used to connect to the first receiver (via a T800 back plane PCB).

   All of the ports on the A800-DSA are the same. As such, it does not matter which receiver is connected to which port.

   If a third receiver needs to be connected to the A800-DSA, another speaker cable can be purchased from Tait. Refer the parts list below.

5. Cable ties, and stick-on cable tie mounts are provided to route the second speaker cable around the T800 rack frame to the rear T800 back plane PCB.

Parts List

Ref. No.	Description	Part Number	Supplier	Qty.
A8-DSA PCB	A800-DSA PCB Board	A8-DSA-P1-01.pcb	Tait	1
R1, R2, R3	Resistor, 3R9 Metal Film Power, 2 Watt, 5%.	896-007	Farnell	3
S1, S2, S3	6 way (3x2)MicroMaTch PCB mount socket	240-04020-53	Tait	3
	6 Way Modular Cable	219-02698-00	Tait	1
-	Cable Tie Nylon 100*2.6mm	369-00010-14	Tait	3
-	Base Cable Tie Mount S/AD	369-00010-24	Tait	3