

**T830 Series II Paging
Base Station Equipment
148-174MHz**

Initial Adjustment Manual

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M830P-00-1A0



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About This Manual

Scope

This manual contains general, technical, tuning and adjustment information on T830 Series II 50W and 100W paging base stations which comprise the following equipment:

50W base station	T837 paging exciter T838 50W power amplifier
100W base station	T837 paging exciter T839 100W power amplifier

PCB Information

PCB information is provided for all current issue PCBs, as well as all previous issue PCBs manufactured in production quantities, and is grouped according to PCB. Thus, you will find the parts list, grid reference index (if necessary), PCB layouts and circuit diagram(s) for each individual PCB grouped together.

Errors

If you find an error in this manual, or have a suggestion on how it might be improved, please do not hesitate to contact Customer Support, Tait Electronics Ltd, Christchurch, New Zealand (full contact details are on page 2).

Updating Equipment And Manuals

In the interests of improving performance, reliability or servicing, Tait Electronics Ltd reserve the right to update their equipment and/or manuals without prior notice.

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Table Of Contents

This manual is divided into eight parts as listed below, with each part being further subdivided into sections. There is a detailed table of contents at the start of each part and/or section.

Part	Title
A	Introduction To Servicing
B	T835 Receiver - not used in this manual
C	T837 Paging Exciter
D	T838 & T839 Power Amplifiers
E	T830 VCO PCB Information
F	Installation
G	T800-28-0X00 Paging Rack Frame
H	T800 Ancillary Equipment