



**T820 Series II**  
**Base Station Equipment**  
**66-88MHz**

**Initial Adjustment Manual**

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**M820-00-2A0**



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## About This Manual

### Scope

This manual contains general, technical, tuning and adjustment information on T820 Series II 25W and 50W base stations which comprise the following equipment:

25W base station	T825 receiver T826 25W transmitter
50W base station	T825 receiver T827 exciter T828 50W 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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## Ordering Tait Service Manuals

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## Table Of Contents

This manual is divided into five 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.

<b>Part</b>	<b>Title</b>
<b>A</b>	<b>Introduction To Servicing</b>
<b>B</b>	<b>T825 Receiver</b>
<b>C</b>	<b>T826 Transmitter &amp; T827 Exciter</b>
<b>D</b>	<b>T828 Power Amplifier</b>
<b>E</b>	<b>T820 VCO PCB Information</b>