T830 Series Base Station Equipment Service Manual

Issue 100

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Head Office New Zealand

Tait Electronics Ltd 558 Wairakei Road P.O. Box 1645 Christchurch New Zealand Phone: 64 3 358-3399 Fax: 64 3 358-3636

Radio Infrastructure Division

535 Wairakei Road P.O. Box 1645 Christchurch New Zealand Phone: 64 3 358-3399 Fax: 64 3 358-2825

Australia

Tait Electronics (Aust) Pty Ltd 275 Toombul Road Northgate 4013 P.O. Box 679 Virginia Queensland 4014 Australia Phone: 61 7 3260-7799 Toll Free: 1800 077-112 Fax: 61 7 3260-7990

Canada

Tait Mobile Radio Inc. Unit 5, 158 Anderson Avenue Markham Ontario L6E1A9 Canada Phone: 1 905 472-1100 Toll Free: 1 800 890-8248 Fax: 1 905 472-5300

France

Tait France Sarl 2 Avenue de la Cristallerie 92 316 Sèvres, Cedex France Phone: 33 1 41 14-05-50 Fax: 33 1 41 14-05-55

Germany

Tait Mobilfunk GmbH Willstätterstraße 50 D-90449 Nürnberg 60 Germany Phone: 49 911 96 746-0 Fax: 49 911 96 746-79

New Zealand

Tait Communications Ltd Unit 4, 75 Blenheim Road P.O. Box 1185 Christchurch Phone: 64 3 348-3301 Fax: 64 3 343-0558

Singapore

Tait Electronics (Far East) Pte Ltd 4 Leng Kee Road SIS Building #05-11A Singapore 159088 Phone: 65 471-2688 Fax: 65 479-7778

United Kingdom

Tait Mobile Radio Ltd Ermine Business Park Ermine Road Huntingdon Cambridgeshire PE18 6YA United Kingdom Phone: 44 1480-52255 Fax: 44 1480-411996

USA

Tait Electronics (USA) Inc. 9434 Old Katy Road Suite 110 Houston Texas 77055 USA Phone: 1 713 984-8684 Toll Free: 1 800 222-1255 Fax: 1 713 468-6944

About This Manual

| Scope | This manual contains general, technical and servicing informa- tion on T830 25W and 50W base stations which comprise the fol- lowing equipment: | | |
|--------------------------|--|---|--|
| | 25W base station | T835 receiver T836 25W transmitter | |
| | 50W base station | T835 receiver T837 exciter T838 50W power amplifier | |
| Format | We have published this manual in a ring binder so that "revision packages" containing additional information pertaining to new issues of PCBs can be added as required. | | |
| Revision Packages | Revision packages will normally be published to coincide with the release of information on a new PCB, and may also contain additions or corrections pertaining to other parts of the manual. | | |
| | If you return the address card at the front of this manual, you will be notified when revision packages containing new PCB information and/or text are available. You may then order as many packages as you require from your local Tait Company. Revision packages are supplied ready-punched for inclusion in your manual. | | |
| Revision Control | Each page in this manual has a date of issue. This is to comply with various Quality Standards, but will also serve to identify which pages have been updated and when. Each page and its publication date is listed in the "List of Effective Pages", and a new list containing any new/revised pages and their publica- tion dates will be sent with each revision package. | | |
| 2 > | Any portion of text that has been changed is marked by a verti- cal line (as shown at left) in the outer margin of the page. Where the removal of an entire paragraph means there is no text left to mark, an arrow (as shown at left) will appear in the outer mar- gin. The number beside the arrow will indicate how many para- graphs have been deleted. | | |
| | The manual issue and revision status are indicated by the last three digits of the manual IPN. These digits start at 100 and will increment through 101, 102, 103, etc., as revision packages are published, e.g: | | |
| | issue status | revision status | |
| | that three packages should h | third revision to issue 1 and means ave been added to the manual. The if there is a major product revision, | |

| | or if the number of revision packages to be included means that the manual becomes difficult to use, at which point a new issue manual will be published in a new ring binder. |
|-----------------|--|
| PCB Information | PCB information is provided for all current issue PCBs, as well as all previous issue PCBs manufactured in production quanti- ties, 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 the Tech- nical Writer, Tait Radio Infrastructure Division, Tait Electronics Ltd, P.O. Box 1645, Christchurch, New Zealand. |

Technical Information

Any enquiries regarding this manual or the equipment it describes should be addressed in the first instance to your nearest approved Tait Dealer or Service Centre. Further technical assistance may be obtained from the Customer Support Group, Radio Infrastructure Division, Tait Electronics Ltd, Christchurch, New Zealand.

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

Service Manuals should be ordered from your nearest Tait Branch or approved Dealer. When ordering, quote the Tait Internal Part Number (IPN) and, where applicable, the version.

Date Of Issue

IPN M830-00-100 T830 Series Service Manual Issue 100 published February 1996

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