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FM TRANSCEIVER

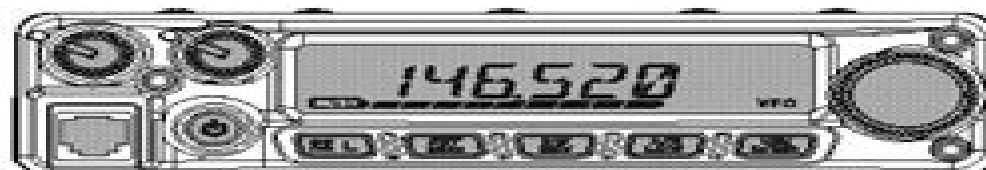
FT-1900R

Technical Supplement

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Introduction

This manual provides technical information necessary for servicing the FT-1900R FM Transceiver.

Servicing this equipment requires expertise in handling surface-mount chip components. Attempts by non-qualified persons to service this equipment may result in permanent damage not covered by the warranty, and may be illegal in some countries.

Two PCB layout diagrams are provided for each double-sided circuit board in the Transceiver. Each side of is referred to by the type of the majority of components installed on that side ("leaded" or "chip-only"). In most cases one side has only chip components, and the other has either a mixture of both chip and leaded components (trimmers, coils, electrolytic capacitors, ICs, etc.), or leaded components only.

While we believe the technical information in this manual to be correct, VERTEX STANDARD assumes no liability for damage that may occur as a result of typographical or other errors that may be present. Your cooperation in pointing out any inconsistencies in the technical information would be appreciated.

Important Note

The transceiver was assembled using Pb (lead) free solder, based on the RoHS specification. Only lead-free solder (Alloy Composition: Sn-3.0Ag-0.5Cu) should be used for repairs performed on this apparatus. The solder stated above utilizes the alloy composition required for compliance with the lead-free specification, and any solder with the above alloy composition may be used.

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Yaesu Service Manual

A Gutmann



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73 *Amateur Radio Today*, 2002 The ARRL General Class License Manual , **Amateur Radio** ,1993-07 *Popular Mechanics* ,1977-10 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle *CQ* ,1995 **Ham Radio Magazine** ,1990 **The ARRL Ham Radio License Manual** H. Ward Silver,2006 The most popular introduction to amateur radio this guide offers a unique mix of technology public service convenience and fun All levels of ham radio operators can brush up on their skills and use the book to study for their first license exam with the latest questions pool with answer key 73 *Amateur Radio* ,1977 *The ARRL Operating Manual for Radio Amateurs* Mark J. Wilson,2007 If you re an active ham radio operator you probably have a story about your first radio contact Many hams remember that experience even more than their first license examination *Ham Radio* ,1990 **1996 Amateur Radio Mail Order Catalog and Resource Directory** American Radio Relay League, Incorporated,1995-10 **Popular Electronics** ,1982 *The ARRL Handbook for the Radio Amateur* ,2001 **Wireless World** ,1980 **Passport to World Band Radio 1998** Lawrence Magne,1997-09-16 Elegant rusticity meets unpretentious luxury in the work of this award winning architecture firm Howard Backen award winning principal of the architecture firm Backen Gillam Kroeger is at the center of a popular movement in home design that emphasizes comfort over pretension and elegant simplicity over complication that tends to serve the ego of architects This volume the first on his work and that of the firm is an artful exploration of that this aesthetic featuring farmhouses in the Napa Valley hilltop homes seaside retreats and lakeside hideaways Throughout the work a sense of intimacy warmth and informality pervades Natural materials such as wood stone and brick form the foundations walls and ceilings of these subtly luxurious spaces while nature itself plays a considered role that is at once complementary and also intricately conjoined with the work Long vistas open outward toward sun drenched valleys from the window lined wall of a bedroom in one home while more immediate scenes of steeply rising hillsides and hidden lakes appear from just beyond the back stoop and the rough hewn board dock of another Sensitive alluring and wonderfully resonant with the suggestion of invitation the work of Backen Gillam Kroeger is both thrilling to the eye and restorative to the soul **World Radio TV Handbook** ,1994 **Radio Communication Handbook** Mike Dennison,2007 **Electronics Now** ,1992 *The ARRL Extra Class License Manual for Ham Radio* H. Ward Silver,2008 Pass the 50 question Extra Class test all the exam questions with answer key for use beginning July 1 2008 to June 30 2012 detailed explanations for all questions including FCC rules Cover *QST* .,1975

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