

50/144/430 MHz Triple-Band
Heavy Duty Submersible Transceiver

VX-8R/E VX-8DR/E

Technical Supplement

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Introduction

This manual provides the technical information necessary for servicing the VX-8R/E and VX-8DR/E 50/144/430 MHz Triple-Band Heavy Duty Submersible 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 provided for each double-sided board in this transceiver. Each side of the board is referred to by the type of the majority of components installed on that side ("Side A" or "Side B"). 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 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

- 1) This 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.
- 2) Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Contents

Specification	2
Exploded View & Miscellaneous Parts	4
Block Diagram	5
Alignment	7
Board Unit (Schematics, Layouts & Parts)	
RF Unit (Lot.1-4) VX-8R Type Only	25
RF Unit (Lot.5-7) VX-8R Type Only	27
RF Unit Parts List (Lot.1-7) VX-8R Type Only	29
RF-2 Unit (Lot.8-15) VX-8R Type Only	47
RF-2 Unit (Lot.16-) VX-8R/E Type	49
RF-2 Unit (Lot.24-) VX-8DR/E Type	51
RF-2 Unit Parts List (Lot.8-) VX-8R and VX-8DR/E Type	53
CNTL Unit (Lot.1-4) VX-8R Type Only	73
CNTL Unit (Lot.5-7) VX-8R Type Only	75
CNTL Unit Parts List (Lot.1-7) VX-8R Type Only	77
CNTL-2 Unit (Lot.8-15) VX-8R Type Only	87
CNTL-2 Unit (Lot.16-) VX-8R/E Type	89
CNTL-2 Unit (Lot.24-) VX-8DR/E Type	91
CNTL-2 Unit Parts List (Lot.8-) VX-8R/E and VX-8DR/E Type	93
CONNECTOR Unit (Lot.1-7) VX-8R Type Only	103
CONNECTOR-2 Unit (Lot.8-) VX-8R/E and VX-8DR/E Type	105
MAIN VCO Unit VX-8R/E and VX-8DR/E Type	107
SUB VCO Unit VX-8R/E and VX-8DR/E Type	113

Yaesu Vx5 Manual

D Keegan



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Table of Contents Yaesu Vx5 Manual

1. Understanding the eBook Yaesu Vx5 Manual
 - The Rise of Digital Reading Yaesu Vx5 Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Yaesu Vx5 Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Yaesu Vx5 Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Yaesu Vx5 Manual
 - Personalized Recommendations
 - Yaesu Vx5 Manual User Reviews and Ratings

- Yaesu Vx5 Manual and Bestseller Lists
- 5. Accessing Yaesu Vx5 Manual Free and Paid eBooks
 - Yaesu Vx5 Manual Public Domain eBooks
 - Yaesu Vx5 Manual eBook Subscription Services
 - Yaesu Vx5 Manual Budget-Friendly Options
- 6. Navigating Yaesu Vx5 Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Yaesu Vx5 Manual Compatibility with Devices
 - Yaesu Vx5 Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Yaesu Vx5 Manual
 - Highlighting and Note-Taking Yaesu Vx5 Manual
 - Interactive Elements Yaesu Vx5 Manual
- 8. Staying Engaged with Yaesu Vx5 Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Yaesu Vx5 Manual
- 9. Balancing eBooks and Physical Books Yaesu Vx5 Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Yaesu Vx5 Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Yaesu Vx5 Manual
 - Setting Reading Goals Yaesu Vx5 Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Yaesu Vx5 Manual
 - Fact-Checking eBook Content of Yaesu Vx5 Manual
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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