

VX-450 Series

VHF Band Service Manual

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Introduction

This manual provides the technical information necessary for servicing the VX-450 Series 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 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 (surface-mount devices), and the other has either a mixture of both chip and leaded components (trimmers, coils, electrolytic capacitors, ICs, etc.), or leaded components only.

As described in the pages to follow, the advanced microprocessor design of the VX-450 Series Transceiver allows a complete alignment of this transceiver to be performed without opening the case of the radio; all adjustments can be performed from the front panel, using the "Alignment Mode" menu.

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.



16 key Type



4 key Type



Non-key Type

Important Note

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.

Contents

Specifications	2
Exploded View & Miscellaneous Parts	4
16 key & 4 key Type	4
Non-key Type	5
Parts List	6
Block Diagram	7
16 key & 4 key Type	7
Non-key Type	11

Circuit Description	15
Alignment	18
Board Units (Schematics & Layouts)	
MAIN Unit (16 key & 4 key Type)	32
MAIN Unit (Non-key Type)	41
Display Unit (16 key & 4 key Type)	47

Vertex Vx 6service Manual

J Elliott



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Table of Contents **Vertex Vx 6service Manual**

1. Understanding the eBook **Vertex Vx 6service Manual**
 - The Rise of Digital Reading **Vertex Vx 6service Manual**
 - Advantages of eBooks Over Traditional Books
2. Identifying **Vertex Vx 6service 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 **Vertex Vx 6service Manual**
 - User-Friendly Interface
4. Exploring eBook Recommendations from **Vertex Vx 6service Manual**
 - Personalized Recommendations
 - **Vertex Vx 6service Manual** User Reviews and Ratings
 - **Vertex Vx 6service Manual** and Bestseller Lists

5. Accessing Vertex Vx 6service Manual Free and Paid eBooks
 - Vertex Vx 6service Manual Public Domain eBooks
 - Vertex Vx 6service Manual eBook Subscription Services
 - Vertex Vx 6service Manual Budget-Friendly Options
6. Navigating Vertex Vx 6service Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Vertex Vx 6service Manual Compatibility with Devices
 - Vertex Vx 6service Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Vertex Vx 6service Manual
 - Highlighting and Note-Taking Vertex Vx 6service Manual
 - Interactive Elements Vertex Vx 6service Manual
8. Staying Engaged with Vertex Vx 6service Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Vertex Vx 6service Manual
9. Balancing eBooks and Physical Books Vertex Vx 6service Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Vertex Vx 6service Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Vertex Vx 6service Manual
 - Setting Reading Goals Vertex Vx 6service Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Vertex Vx 6service Manual
 - Fact-Checking eBook Content of Vertex Vx 6service 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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principle of independent assortment? • What inheritance patterns exist ... Answers For CH 11, 13, 14 Reading Handout Section 11—3 Exploring Mendelian Genetics 9. What was the ratio of Mendel's F₂ generation for the two-factor cross? (pages 270-274) 10. Complete the Punnett ... 11-3 Exploring Mendelian Genetics Aug 14, 2014 — 11-3 Exploring Mendelian Genetics. Key Concepts: What is the principle of independent assortment? What inheritance patterns exist aside from ... Answers to All Questions and Problems Aug 14, 2015 — CHAPTER 1. 1.1 In a few sentences, what were Mendel's key ideas about inheritance? ANS: Mendel postulated transmissible factors—genes—to. Principles of Economics - 4th Edition - Solutions ... - Quizlet Our resource for Principles of Economics includes answers to chapter exercises, as well as detailed information to walk you through the process step by step. (PDF) Instructor's Manual with Solutions Manual Principles ... Solutions Manual Principles of Microeconomics FOURTH EDITION PMG N. Gregory Mankiw Harvard University Prepared by Linda Ghent Eastern Illinois University ... (PDF) Instructor's Manual with Solutions Manual Principles ... Instructor's Manual with Solutions Manual Principles of Macroeconomics FOURTH EDITION · 1. Observations help us to develop theory. · 2. Data can be collected and ... Principles of Microeconomics - 4th Edition - Solutions and ... Our resource for Principles of Microeconomics includes answers to chapter exercises, as well as detailed information to walk you through the process step by step ... mankiw principles of economics book solution answer chapter ... Solutions Manual - Principles of Microeconomics | PDF Solutions Manual - Principles of Microeconomics - Free ebook download as PDF File (.pdf), Text File (.txt) or read book online for free. Mankiw. Nicholas Gregory Mankiw Solutions Books by Nicholas Gregory Mankiw with Solutions ; Principles of Economics 4th Edition 645 Problems solved, Nicholas Gregory Mankiw ; Principles of Economics 5th ... Modern Principles of Economics 4th Edition, Tyler Cowen Textbook solutions for Modern Principles of Economics 4th Edition Tyler Cowen and others in this series. View step-by-step homework solutions for your ... Where will I get Mankiw's principles of economics solution? Dec 4, 2016 — You can find the solution to the 6th edition, on the following link ... There are four (and not two!) key economic concepts—scarcity, supply ...