

UHF FM Transceiver

VX-2100 Series VX-2200 Series

Service Manual

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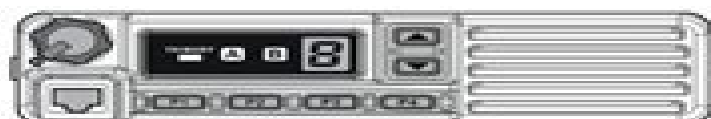
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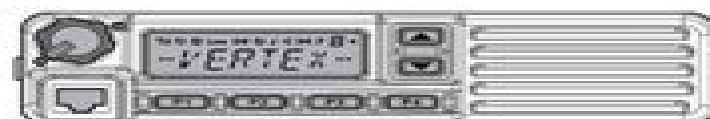
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VX-2100 Series



VX-2200 Series

Introduction

This manual provides the technical information necessary for servicing the VX-2100/2200 Series Mobile 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-2100/2200 allows a complete alignment of this transceiver to be performed without opening the case of the radio; all adjustments can be performed from the personal computer, using with the Vertex Standard VPL-1 Programming Cable and CE82 Software.

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

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.

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Vertex Standard Service Manual

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Vertex Standard Service Manual:

The book delves into Vertex Standard Service Manual. Vertex Standard Service Manual is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Vertex Standard Service Manual, encompassing both the fundamentals and more intricate discussions.

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 - Chapter 2: Essential Elements of Vertex Standard Service Manual
 - Chapter 3: Vertex Standard Service Manual in Everyday Life
 - Chapter 4: Vertex Standard Service Manual in Specific Contexts
 - Chapter 5: Conclusion
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