

566 / 566AT ORION II MANUAL UPDATE HISTORY

Minor corrections for spelling or grammatical clarity are not noted below. Changes noted are in order of appearance in the manual.

2nd manual release, January 2006:

- **FREQUENCY STABILITY NOTES** added.
- “Possible damage” notation removed from **(15) PHONES**.
- Milliwatt power spec for transverters added to **PWR** description and **TRANSVERTER HOOKUPS** section.
- Notation about SWEEP speed when turning main tuning knobs added.
- Max voltage and current load specs added for TX OUT / TX EN loops 1 & 2 at appropriate spots.
- Incorrect sentence in **CW QSK Delay** section regarding control of delay setting for AMP KEY 1 & 2 deleted.
- **VOX Trip Level** note added – lower values equals more sensitivity.
- Roofing filter centering procedure in **(FILTR) FILTER MENU** clarified.
- AM transmit bandwidth corrected.
- Note about using Keying Loop 2 open to inhibit TX to use ANT 2 as RX-only antenna jack added to **DIVERSITY RECEPTION**.
- Corrected descriptions of Figures 4-8 and 4-9.
- Deleted reference to non-existent table under summary of **WEAK SIGNAL DX RECEPTION**.
- Notation about possible damage from improper installation in **INSTALLATION OF OPTIONAL CRYSTAL FILTERS** deleted.
- Notes on buzzing noise heard on TX or RX due to possible ground loop issues related to multiple accessories powered from rear panel 13.8 Vdc jack added to **TROUBLESHOOTING**.
- Under **SPECIFICATIONS AND TECHNICAL DESCRIPTION** corrected TX & MAIN RX frequency ranges.
- Corrected frequency stability spec.
- Added RX Headphone Output spec.
- Corrected part numbers on Figure 5-1 subassembly boards.
- Added to and updated signal path information.
- Substituted updated block diagrams for Figures 5-2 to 5-6.

3rd manual release, March 2006:

- Corrected designations of (55) and (56) in **TABLE OF CONTENTS, (24) NR and (31) STEP**
- Corrected direction notation for ALC LED in **(39) MIC**
- Added duplicate of flash update instructions from downloadable executable file to **UPDATING ORION II OVER THE INTERNET**
- Clarified description of several items in **SPECIFICATIONS AND TECHNICAL DESCRIPTION**
- Added **CE DECLARATION OF CONFORMITY**

4th manual release, October 2006, through version 2.037j of firmware:

- Added reference to **H/W Mic Gain** to **(39) MIC**
- Renumbered section 3 Figure references after deletion of 3-4, 3-7.
- Added description of **Amp Key Tracks** to **CW MENU** section
- Figure 3-4 deleted; obsolete
- Noted that programmable AGC decay range now starts at 1 dB/s under **PROG** description, AGC, in **SSB MENU** (5 dB/s previous)
- Added description of **AGC Slope** to **RX MENU** section
- Figure 3-7 deleted; obsolete
- Added description of **H/W Mic Gain** to **SSB MENU** section
- Added reference and use information on **H/W Mic Gain** to **FACTORS THAT AFFECT THE SOUND OF SSB TRANSMIT AUDIO AND THEIR ADJUSTMENT**
- Updated **CE DECLARATION OF CONFORMITY**