ELECRAFT KX3 OWNER'S MANUAL AND FIRMWARE ERRATA

Rev. **B4-4,** Jan. 24, 2013

Manual

Pg. 12: In the section on Passband Tuning (PBT), second paragraph: SSB modes can now be set up for either HI-CUT/LO-CUT or SHIFT/WIDTH (**NOR**, same as CW/DATA) using the new *PBT SSB* menu entry.

Pg. 13: Noise blanking (NB) has only ON and OFF settings at this time. It cannot be adjusted as described.

Pg. 13: In SSB/AM modes, the NTCH switch turns autonotch on/off, and manual notch is not available.

Pg. 13: Noise reduction (NR) cannot be adjusted as described. Instead, the *RX NR x* menu entry must be used to adjust the NR parameters. **Using the *RX NR x* menu entry:** The letter '**x**' in the menu entry name shows which parameter is being adjusted: **B** (beta; tap '1'), **D** (decay; tap '2'), or **M** (wet/dry mix; tap '3'). The defaults are recommended, and this menu entry is locked to prevent accidental changes. The NR settings for CW are separate from those for voice modes. Unlock the parameter by holding KHZ for about 3 seconds; the VFO A lock icon will disappear. Then tap '1', '2', or '3' to select a parameter to change. You can tap the NR switch to turn NR on/off while in the menu to test its effectiveness. The default beta is 5 for CW and 10 for voice modes. A lower beta will further reduce noise, but may attenuate weak signals. The default decay is 240. A much lower decay value will allow NR to track fading signals better, at the expense of somewhat worse noise rejection. The mix value determines how much of the signal is "dry" (unprocessed) vs. "wet" (processed). The default is 220 in CW mode and 250 in voice modes—essentially "all wet". You might want to use a lower mix number to reduce the "hollow" sound or to minimize the effect of NR on weak signals.

Pg. 21: In the "Digital Voice Recorder (DVR)" section, 2nd paragraph: The method for recording a DVR method is: (1) hold REC; (2) tap #1 or #2 ("ERASING" will be seen on the display, followed by "TAP XMT"); (3) tap XMIT to start recording, and again to stop. The two DVR messages can each be up to 15 seconds long.

Pg. 51: Some specifications are still shown as TBD (to be determined). These will be updated when final measurements have been completed.

Firmware   (MCU rev. 1.36, DSP rev. 1.05)

The features listed below are described in the manual but not implemented:

- Extended single-sideband transmit (*MENU:TX ESSB*)
- Absolute S-meter mode (*MENU:SMTR MD*)
- CW transmit in SSB mode (automatic offset during keying)