ELECRAFT KX2 Errata to Owner's Manual
FM Mode, 12 Watts Output

Rev. **A6-2, 15 December, 2017**

Overview

FM mode may now be used on any band. Maximum power output has been increased to 12W on 80 through 20 meters.

These features are available at MCU Firmware Level 2.89 or greater.

FM Mode

This added mode is intended primarily for use on the 10 meter band, and repeater as well as simplex operations are supported. External transverters may also be used (see KX2 Owner's Manual for set up).

- To enable or disable FM mode's availability, use MENU:FM MODE. VFO A controls FM on/off. If FM mode is enabled, it is available on all bands.

FM mode must be selected in order to use the controls shown below.

- To adjust squelch, tap FIL and rotate the AF GAIN knob.

- To adjust transmit offset frequency (repeater shift or split), use MENU:RPT OFS and VFO A. Offset values can be set at 20 KHz increments.

- To select transmit frequency offset direction, hold SPLIT. The transmit offset direction (+/-/SIMPLEX) will be shown on the VFO B display, alongside the transmit offset value. Successive holds of SPLIT will rotate through the three offset directions.

- Transmit offset and direction are remembered on a per-band basis. Saving an FM mode memory stores both.

- FM deviation may be changed with MENU:FM DEV. Use VFO A to set it. You might have to unlock this setting in order to change it. Hold the FREQ button down for 3 seconds to clear lock status.

- PL (CTCSS) tone deviation may be adjusted from within MENU:FM DEV. While in this menu, tap '1' to select PL deviation. It can then be changed by rotating VFO A.

- PL tone frequency may be adjusted using MENU:FM TONE. Tapping '1' turns PL tone on or off. If PL tone is turned on, rotating VFO A changes its frequency.

- 1750 Hz tone burst is not supported at this time.

12W Maximum Power

A settable power output level of up to 12 Watts is supported on 80 through 20 meters. This power level is intended for light-duty cycle operations (e.g. hunt and pounce), and a supply voltage of 13.5 to 14V is required for optimum transmit signal quality. Minimum supply voltage for this power level is 12.8V, with a reduction in transmitted signal quality and elevated heat sink temperatures. Operation with a power supply voltage below 13.5V is not guaranteed to produce 12W.

While using this high power level with high duty cycle modes such as JT65 or RTTY, reduce power if excessive current drain or temperature increase occurs. The KX2 will automatically reset its power to 5 Watts if the heat sink temperature rises to 60 degrees C or higher. Power will remain at this level until the operator increases it.