

## **Kentrol User Notes for Specific Radio Models**

Version 4.3

### **R-5000**

All features are supported.

In FSK (actually Afsk) mode, Kentrol displays the Mark Tone frequency as is normal for digital modes, even though the radio panel shows the nominal carrier frequency (2110 Hz higher).

Clock setting and powere switch control are available to registered users only.

### **TS-440S**

All features are supported.

In FSK (actually Afsk) mode, Kentrol displays the Mark Tone frequency as is normal for digital modes, even though the radio panel shows the nominal carrier frequency (2110 Hz higher).

Transmit and split operation are supported by registered copies only.

### **TS-940S**

All features are supported. Transmit and split operation, as well as variable bandwidth tuning, are supported by registered copies only.

Kentrol remembers variable bandwidth tuning settings, so you can switch VBT or high/low cut in and out with a single mouse click.

Kentrol allows access to all 40 memory channels as a single, consecutively numbered bank. Bank 1, channel 00 is memory 00; bank 2, channel 06 is 16; and so on up to 39.

Kentrol memory set files (\*.KTM files) all hold 100 split channels, and when you open them into edit windows you have access to the whole file. But Kentrol automatically ensures that only the first 40 channels are loaded into the radio or read from it. So, if you want to load settings from higher-numbered lines, you will need to copy/paste them to the beginning of the set.

While Kentrol is running in the foreground, the Memory Bank Switch on top of the radio and many front panel controls are disabled.

In FSK mode, Kentrol displays the Mark Tone frequency as is normal for digital modes, even though the radio panel shows the nominal carrier frequency (2110 Hz higher).

## **TS-140S/TS-680S**

All features are supported for HF operation. Transmit and split operation are supported by registered copies only.

Kentrol adds to the TS-140/680 the FSK mode that Kenwood left out. When Kentrol indicates that you are in FSK mode (or you select FSK in the Mode list to force the mode), the Tuner display on your screen will not match the radio front panel, which will show 'lsb' and a frequency 2.11 kHz above the frequency in the Tuner window.

Kentrol memory set files (\*.KTM files) all hold 100 split channels, and when you open them into edit windows you have access to the whole file. But Kentrol automatically ensures that only the first 31 lines are loaded into the radio or read from it. So, if you want to load settings from higher-numbered lines, you will need to copy/paste them to the beginning of the set.

## **TS-50S**

All features are supported, such as they are. Kenwood provides NO means for software to read or write to the TS-50's memory channels. You can't even change channels through the serial port. Kentrol is subject to those limitations so there is no Memories window, the tuning scroll bar is disabled when "M" is selected, and you can neither upload nor download memory files. Please note that this is a Kenwood TS-50S design feature, not a problem with Kentrol.

Transmit and split operation are supported by registered copies only.

Kentrol adds to the TS-50S the FSK mode that Kenwood left out. When Kentrol indicates that you are in FSK mode (or you select FSK in the Mode list to force the mode), the Tuner display on your screen will not match the radio front panel, which will show 'lsb' and a frequency 2.11 kHz above the frequency in the Tuner window.

## **TS-450S/TS-690S**

All features are supported for HF operation. Transmit and split operation are supported by registered copies only.

Selecting a 1 Hz Fine Tuning Step on the Options menu not only enables 1 Hz. tuning resolution, it also gives you 1 Hz. resolution frequency display on-screen. With any other step, the display resolution is 10 Hz.

## **TS-850S**

All features are supported. Transmit and split operation are supported by registered copies only.

Kentrol remembers variable bandwidth tuning settings, so you can switch high/low cut in and out with a single mouse click.

Selecting a 1 Hz Fine Tuning Step on the Options menu not only enables 1 Hz. tuning resolution, it also gives you 1 Hz. resolution frequency display on-screen. With any other step, the display resolution is 10 Hz.

## **TS-950S/TS-950SDX**

All features are supported, except for sub-receiver operation, which will be added soon. Transmit and split operation, as well as variable bandwidth tuning, are supported by registered copies only.

Kentrol remembers variable bandwidth tuning settings, so you can switch VBT or high/low cut in and out with a single mouse click.

Selecting a 1 Hz Fine Tuning Step on the Options menu not only enables 1 Hz. tuning resolution, it also gives you 1 Hz. resolution frequency display on-screen. With any other step, the display resolution is 10 Hz.