

YAESU

RADIO COMMUNICATIONS

YAESU U.S.A.
U.S. HEADQUARTERS
17210 EDWARDS ROAD
CERRITOS, CA 90703
TEL: 310.404.2700
FAX: 310.404.1210

Configuring the FT-1000MP for USB-side Operation in the Packet Mode for MARS Operation

Although the FT-1000MP's Mode selection does not allow the use of USB-side injection during "PKT" (Packet) operation, it is possible, through Menu programming of the parameters of the "User" key, to configure the FT-1000MP for USB-side injection in the Packet operating mode for MARS use.

Procedure

1. Enter the "Menu" mode by pushing and holding in the [FAST] key and then pushing the [ENT] key on the keypad momentarily.
2. Rotate the [MEM/VFO CH] knob to select Menu Item 8-6.
3. Now set up the parameters in each category shown below. These parameters will shift the various oscillators, while in the "PKT/LSB" mode, so as to place them at the frequencies they would be in *if there were* a dedicated "PKT/USB" mode. In effect, you are *creating* such a mode by using the "USER" key setup capability.

Mode	Disp. Offset	RX-PLL	RX-CAR	TX-PLL	TX-CAR*
PKT LO	+2.125 kHz	+2.210 kHz	452.790 kHz	+2.210 kHz	452.790 kHz

* Prior to Production Lot #05, the value for "TX CAR" could not be set below 456.300 kHz. For these earlier versions, the use of 456.300 kHz should still produce entirely satisfactory results.

4. Push the [ENT] key momentarily to save your new settings and exit to normal operation. The "User" mode is now configured for pseudo-USB operation in the AFSK (Packet) operating mode.