

User-Customized Operating Mode

Overview

This mode recalls a pre-configured operating "environment" (mode, filter selections, offsets, etc.) by pressing the **USER** key.

USER



This can be useful for storing your favorite combination of operational settings for a mode you often use. Digital operators who go through the various procedures of combining filter selections, carrier and display offsets, etc., for a custom environment optimized for FAX or SSTV (as an example) can store these settings for easy recall. For special modes that require unique configuration of transceiver settings that are not used elsewhere, the **USER** key comes in handy for storing these parameters while keeping other transceiver settings default for general operation.

The following parameters are user-customized by recalling menu selection 8-6. Operating parameters are chosen by turning the SUB VFO-B tuning knob, while parameter settings are changed with the MAIN VFO-A knob (see below).

| Custom User-Mode Settings Menu Function 8-6 | | |
|--|--|---|
| Selected with: | | |
| Sub VFO B Dial | Main VFO A Dial | Comments: |
| MODE | LSB, USB CW (USB) CW (LSB) RTTY (LSB) RTTY (USB) PACKET (LSB) | Select the operating situation to which the custom setting will be applied. |
| DISPLAY OFFSET | ± 5.000 kHz | *see note below |
| RX PLL | ± 5.000 kHz | *see note below |
| RX CARRIER | 450 - 460 kHz | *see note below |
| TX PLL | ± 5.000 kHz | *see note below |
| TX CARRIER | 450 - 460 kHz | *see note below |
| RTTY OFFSET | ± 5.000 kHz | *see note below |
| PRESET MODE | OFF SSTV FAX | Settings are factory preset & non-adjustable. |
| *the tables on pages 93-97 list various menu-selected receive and display offsets for each mode. | | |

Mode - select from LSB, USB, CW (upper or lower), RTTY (upper or lower), or Packet (lower sideband only).

Display Offset - choose a custom offset ± 5.000 kHz (in 5-Hz steps) to be displayed when the USER mode is active.

Rx and Tx PLL Offset - choose a custom PLL offset ± 5.000 kHz (in 5-Hz steps) to take effect when the USER mode is active.

Rx and Tx Carrier - change the carrier injection frequency between 450-460 kHz.

RTTY Custom Shift - choose a custom (non-standard) RTTY shift of ± 5.000 kHz (in 5-Hz steps) when the User mode is active.

"Easy Setting" - this allows choosing one of two *factory-configured* settings optimized for either SSTV (slow scan television) or FAX (facsimile) operation.

With the user settings customized as desired, pressing the **USER** key (its green LED glows when activated) recalls the user mode. The custom settings take effect and the display changes to reflect the new operating mode. To exit the User Mode, simply press any band, mode or function key so the green LED in the **USER** key turns off.

Note: see pages 93-97 for a complete listing of default settings according to operating mode.

Important!

While the User-Mode allows customizing operation for various operating environments, changing some settings (especially the PLL offset and carrier injection) can adversely affect transceiver operation. Before making any User-Mode adjustments, ensure you have a firm understanding on how changing these affect transceiver operation and frequency display. If you are not sure, we recommend leaving them as set (to their default values shown in the table).

You can return *all transceiver settings* (menu selections) to their default values at any time by performing a CPU reset. Simply hold the **SUB**, **CE**, **0** & **ENT** keys together while turning the transceiver on.