

## CROSS-BAND/ LOCKED-BAND OPERATION (K TYPE MODELS ONLY)

This transceiver is capable of receiving signals on one band and retransmitting signals on the other band. This function repeats signals originating from one band, using the other band. For example, a signal received on band A (VHF) is retransmitted on band B (UHF). Similarly, a signal received on band B (UHF) is retransmitted on band A (VHF).

**Locked-band Repeater:** The transceiver uses the same band to receive or transmit a signal. You can set either the A band (A-TX) or B band (B-TX) as the transmit band.

**Cross-band Repeater:** If receiving a signal on the TX band, the transceiver switches the current RX only band to the TX band. This is useful when joining in a group talk. Participants in a group talk need to set a receive and transmit frequency on different bands so as not to miss any conversation within the group.

### REPEATER OPERATION MODE

- 1 Enter Menu mode and access Menu 403.



- 2 Set the Repeater operation mode to CROSS BAND, LOCKED TX:A-BAND, or LOCKED TX:B-BAND.
- 3 Turn the transceiver power OFF.
- 4 Press **[TONE] + Power ON**.
  - The Repeater mode is ON and the **PTT** and **LOCK** icons blink on the display.
  - You are unable to perform any transceiver functions while in Repeater mode.
  - To return to normal operation, turn the transceiver power OFF, then press **[TONE] + Power ON**.

#### Note:

- ◆ You cannot activate the Repeater function while in single band operating mode or Weather Channel mode.
- ◆ Activating the Repeater function switches OFF the Automatic Simplex Checker (ASC).
- ◆ The Time-Out Timer is locked at 3 minutes.
- ◆ Resetting the transceiver will not cancel the Repeater mode.

### REPEATER TX HOLD

If necessary, you can set the transceiver to remain in the transmit mode for 500 ms after a signal drops.

- 1 Enter Menu mode and access Menu 404.



- 2 Set the Repeater Hold function to ON or OFF.

### REPEATER ID TX

If necessary, you can set the transceiver to transmit your call sign every 10 minutes.

- 1 Enter Menu mode and access Menu 406.



- 2 Set the ID Transmit function to OFF, MORSE, or VOICE.
  - To use VOICE transmission, you must have the VGS-1 option installed. When using the VGS-1 option, the ID Transmit function will use VGS channel 3 as the call sign.
  - When selecting MORSE, the call sign stored in Menu 405 {see below} will be transmitted at 20 wpm (words per minute).

### ■ Entering your Repeater ID

- 1 Enter Menu mode and access Menu 405.



- 2 Enter your call sign.