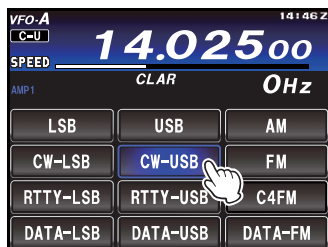


CW Mode Operation

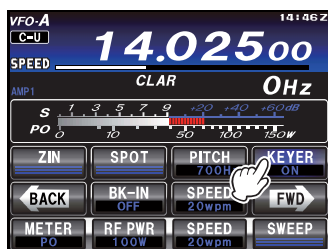
USING THE BUILT-IN ELECTRONIC KEYS

Connect the cable from your keyer paddle to the front panel **KEY** jack.

1. Press the **MODE** button, then touch **[CW-LSB]** or **[CW-USB]** on the TFT LCD display. The “**C-L**” or “**C-U**” icon will appear in the display. The CW monitor is activated.



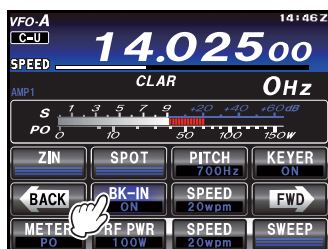
2. Rotate the Main Tuning Dial knob to select the desired operating frequency.
3. Press the **F(M-LIST)** button, then touch **[KEYER]** on the LCD to select “**ON**” to confirm that the built-in Electronic Keyer is now active.



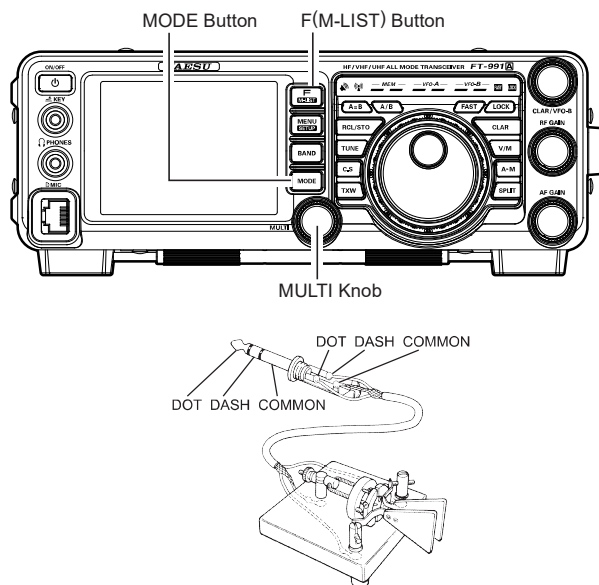
4. Touch **[SPEED]** on the LCD, then rotate the **MULTI** knob to set the desired sending speed (4 - 60 WPM).

ADVICE:

- ❑ Rotate the **MULTI** knob to display the keying speed (4 - 60 WPM) below the **[SPEED]** indicator.
 - ❑ By pressing either the “Dot” or “Dash” side of the paddle, the CW keying tone will automatically be generated.
5. Touch **[BK-IN]** on the TFT display to engage automatic activation of the transmitter when either the “Dot” or “Dash” side of the paddle is pressed. The Break-in will be set to “**ON**”.



6. CW operation utilizing the CW paddle may now commence.



ADVICE:

- ❑ When the keyer paddle is pressed, the transmitter will automatically be activated, and the CW characters (or a string of dots or dashes) will be transmitted. When the keyer paddle is released, transmission will cease, and after a brief delay, reception will be restored. The delay time is user-programmable, per the discussion on page 85.
- ❑ The CW sidetone audio level may be set using “**MONITOR**” (see page 74).
- ❑ If **[BK-IN]** is set to “**OFF**”, you may practice sending CW with the sidetone only, without having the signal go out over the air. (Press the front panel **F(M-LIST)** button to reveal the functions list on the TFT display).
- ❑ If the transmitter power is reduced via **[RF PWR]** function, the ALC meter reading will increase; this is normal and does not indicate any problem whatsoever (because increased ALC voltage is being used to lower the power).
- ❑ The keying operation may also be enabled in LSB/USB mode to send the CW signal via the Menu item “**055 CW AUTO MODE**” without switching to CW mode.
- ❑ The same frequency may be displayed when switching between SSB mode and CW mode by setting Menu item “**059 CW FREQ DISPLAY**”.
- ❑ By connecting a computer, CW can be operated using free or commercially available software and setting Menu item “**060 PC KEYING**”.
- ❑ The electronic keyer operation mode can be changed via the Menu item “**012 KEYS TYPE**”.