

X5105 - New S meter shows calibration method

The new firmware X5105_FW_V1_0_06_build001_alpha09 has optimized the S table display and added three system menu items. Users can calibrate and adjust the S table display parameters.

The three new system menus are as follows:

- Item 3. CW Keyer Iambic Mode.
- Item 23. S-Meter Offset.
- Item 24. S-Meter Gain .

S table calibration method:

1. After updating the firmware, you need to perform initialization operations and system menu reset operations on the device.
2. Set the X5105 to: VFO-A, PRE=ON, MODE=USB, AGC=FAST, set the frequency to 14.25MHz, turn off the NR and NTH functions, turn off the SQL, and unplug the antenna.
3. Enter the system menu item 23 (S-Meter Offset), and adjust the value so that S is displayed as 0; (General range is 5~15)。
4. Enter the system menu item 24 (S-Meter Gain), first adjust the value to the initial value 13; (generally the range is 9~13).
5. Save exit
6. Observe whether the display of the S table is appropriate. If the S table is displayed too high or low, adjust the value of item 24 S-Meter Gain until the S table is displayed correctly.

Note:

Each device has its own differences, and the adjustment of the parameters is not the same, as long as it is adjusted to meet the requirements of the above 3rd and 4th.

At this point, the S table is calibrated.