

Yaesu FT-857 (FT 857 FT857) low frequency response in SSB

You can add **low frequency** responses in both transmit audio as well as receive audio in **SSB** mode.

Basically you shift the carrier point in relation to the audio passband.

You can change these values this way:

Push the function key until the menu appears. Now go to the following menu:

(note that default all four values are set to 0 Hz)

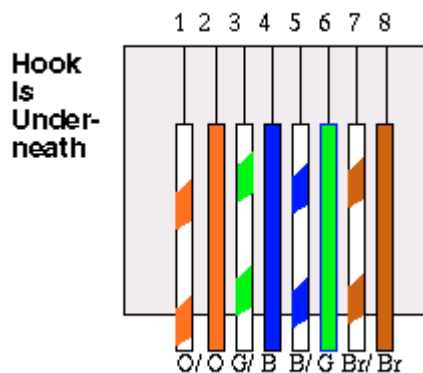
CAR LSB R (menu 15). Here you can adjust the LSB reception carrier and effectively at +300 Hz pull down the audio band pass down to 100 Hz.

Same story for CAR LSB T (menu 16) - this is for the transmit part.

Again same story for menu 17 and 18, for receiving and transmitting on USB. Note that for the USB part, you'll have to shift the other way -- e.g. if LSB is at +250, the USB should be at -250.

Yaesu FT-857 (FT 857 FT857) Mic Wiring

Pin Function RJ45 1 FAST
2 Ground (control)
3 PTT
4 Mic
5 Ground (Mic)
6 +5v
7 UP
8 DOWN



Yaesu FT-857 (FT 857 FT857) MARS mod

FT-857 (US version)

Modification for TX:

1.8-56MHz, 137-164MHz, 420-470MHz

1. Remove the seven screws affixing the top panel of the transceiver, and gently lift it upward.
2. Carefully remove the small 2-pin speaker plug from the left rear corner of the transceiver interior then remove the top case and set it aside for the moment.
3. Locate the nine jumpers about 2" from the front edge of the main unit and about 3/4" from the left edge. For 144/430MHz expansion only, remove the jumper at JP1002, leaving the other jumpers alone. For complete expansion per the above listing, place jumpers at JP1007/1008/1009, and remove the jumpers at JP1001/1002/1003/1004/1005 (leave the jumper at JP1006 in place). **NOTE THE UNUSUAL SEQUENCE FOR THE NUMBERING.**
4. Replace the top panel; don't forget to re-connect the speaker lead removed in step 2.
5. With the transceiver off, press and hold in the [F] and [V/M] keys; while holding them in, turn the radio on. Modification is now complete.

