

## Changing RFA frequencies

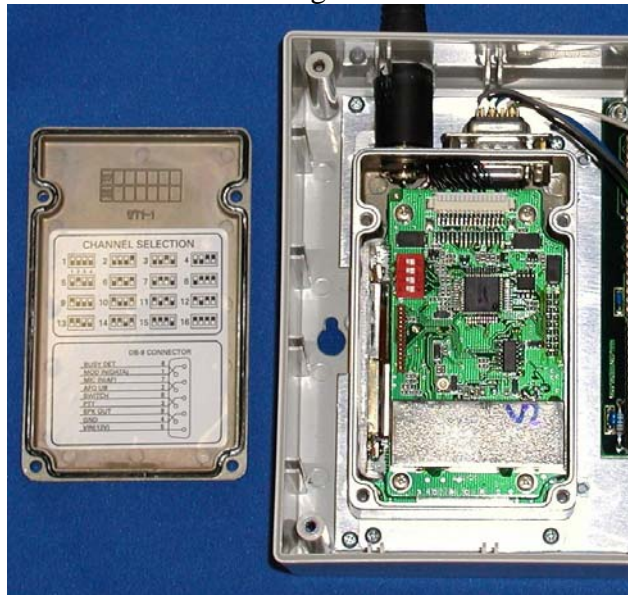
If your Tucor remote control radio was ordered without an FCC-licensed frequency, you are now able to change the frequency of the internal transceiver. This includes the RFA-100-P, RFA-100-F, and RKD-RFA. Since the frequencies are in the VHF unlicensed band, there may be occasions when local radio chatter makes it desirable to try different frequencies. This Tech Note describes the method. There are 5 - 16 different frequencies available, depending upon the model. Note that all handhelds shipped with the RFA will also have all frequencies programmed and selectable.

To change the frequency, follow these steps:

- 1) Power off the RFA.
- 2) Remove the RFA's cover. There are usually four screws holding the cover in place. On the RFA-100-F the screws are covered by four tabs. These may be carefully pried up at the corners with a small, flat-bladed screwdriver.

On the RFA-100-P, you must remove the cover over the waterproof case to access the transceiver.

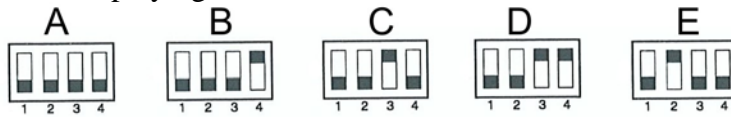
- 3) Remove the four screws holding the cover on the transceiver.



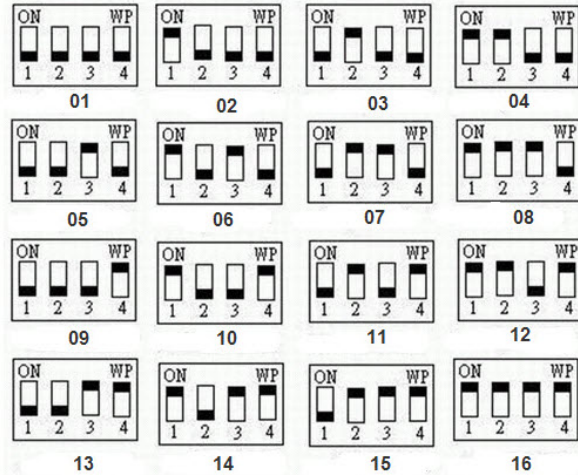
An RFA-100-F is shown in the photo, but the other RFAs are similar.

- 4) There is a small red block with four "dip" switches. Set the switches according to the chart below, based upon the new frequency you want. The frequencies are designated as "A" through "E".

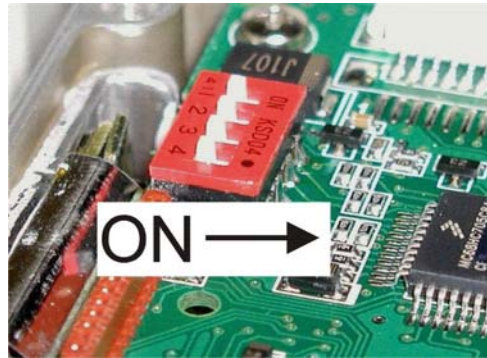
For Handhelds displaying “Tucor A”:



For Handhelds displaying “01 Tucor”



As shipped, the four switches are Off, as in A and 01. The switches are “On” when moved towards the center of the radio (away from the numbers 1-4).



- 5) Temporarily apply power to the RFA and test the RFA with the new frequency. You will also have to select the new frequency on the handheld.
- 6) Power off the RFA and replace the cover on the transceiver. Please do not try to replace the cover with power applied, since a dropped screw can damage the electronics.
- 7) Replace the RFA's cover.
- 8) Re-apply power.
- 9) It is suggested that you note on the case what the new frequency designation is (A, B, C, D, or E).

If you have a handheld obtained from another source, you may contact Tucor to obtain the particulars of the transceiver's programmed frequencies. Please have your RFA's serial number handy.