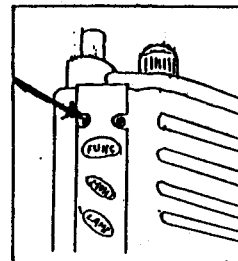


GENERAL

The DS-8000 is a voice band inverter for the AR-8000 scanner. Once the DS-8000 is installed, signals with single frequency inversion scrambling can be decoded. We recommend to check your dealer for applicable law and regulations to use the DS-8000. Some countries, states may prohibit of using de-scrambler to monitor the communication that is intentionally scrambled to prevent eavesdropping. The installation for the DS-8000 requires technical skill in electronics. We highly recommend to ask your dealer for complete installation. The following information is for technicians.

INSTALLATION

Remove 4 screws, i.e. 2 screws located in the battery compartment and 2 screws from each side of the case. (Be sure to remove the screws as illustrated.) Before mounting the DS-8000, remove the jumper pin as illustrated. Plug in the DS-8000 with the soldering side facing to you as illustrated and reassemble the unit.



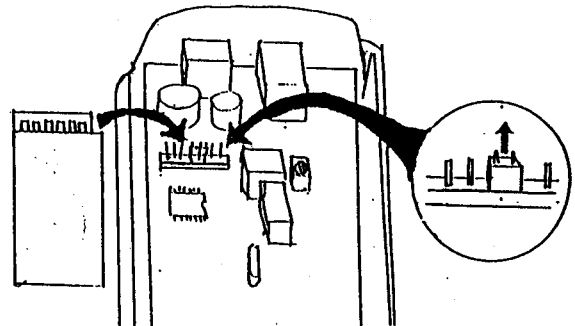
OPERATION

Initial setting (Registration)

Turn power ON while holding [LOCAL] key of the AR-8000. The registration function toggles, in the other words, if you repeat the procedure, the AR-8000 will choose "NO DS-8000 INSTALLED". If this is the case you should register once again.

Operation

Tune the AR-8000 to the signal with scrambling. Push [LOCAL] key to activate the DS-8000. To choose the inversion frequency, tune DIAL while holding [LOCAL] key. Select the proper sound by selecting an inversion frequency. Four frequencies are provided. While tuning the dial, "0" to "9" and "a" to "f" will be shown near the S meter. Any value from the same group is the same selection, as shown in the chart. Once frequency is chosen, release the [LOCAL] key.



DISPLAY	GROUP
0, 4, 8, c	Group 1
1, 5, 9, d	Group 2
2, 6, a, e	Group 3
3, 7, b, f	Group 4