

Radio Shack DX-398, modification (similar to Sangean ATS909)



initially this radio in U.S. come with FM frequency coverage of 87.5 - 108 MHz, it can be modified to cover such as Japanese or Eastern Europe FM frequency.

take radio parts, remove shield of back side of control board (one with keypad, display, tuning dial) by desoldering each connection.

you can get higher sensitivity in band you are interested in, by retuning front end coil and variable capacitor. they are silk screen as "FM F/E " (FM front end)

add diode at #1, 64 - 71 , 89 - 108 MHz

add diode at #2, 76 - 108 MHz

diode polarity is same as near by diode and as it is direction in drawing arrow pointing to cathode.

