

## CHANNEL EXPANSION FOR STALKER I

### 23 Channel

1. Remove all 8 screws holding case to chassis. Remove case top and bottom.
2. Remove 4 screws holding digital block to P. C. Board.
3. Unsolder orange and yellow wires on digital block. (Remember where they were connected). Carefully lift digital block up to expose bottom of P. C. Board.
4. Unsolder IC 11 (SN7490) remove IC 11. Replace the SN7490 with a SN7493. Resolder.
5. Solder a wire to pin 9 of IC 11.
6. Replace digital block, reconnect yellow and orange wires.
7. Jumper terminals 1 and 2 on digital block. (See Fig. 1)

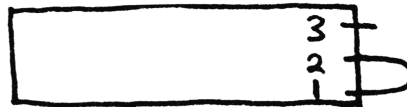


FIG. 1

8. Remove orange wire from rear wafer of channel selector switch. Connect two IN 60 diode to the switch terminal left empty, (anode end toward SW) connect orange wire to one diode.
9. Connect one IN 60 diode to channel selector switch where brown wire is connected to rear wafer. (anode end toward SW)
10. Remove the two blue, one gray, one green wires from DX / local switch. Connect the two blue wires and the one gray wire together. Solder and tape. Tape off the green wire.
11. Connect wire from pin 9 of IC 11 to the center terminal of DX / local switch. Connect two wires to the top terminal of DX / local switch. Connect the other end of the wires to the cathode of the IN 60 diodes on the selector switch.
12. Reassemble case.

TOP VIEW OF PLL  
STALKER I 23 CHANNEL

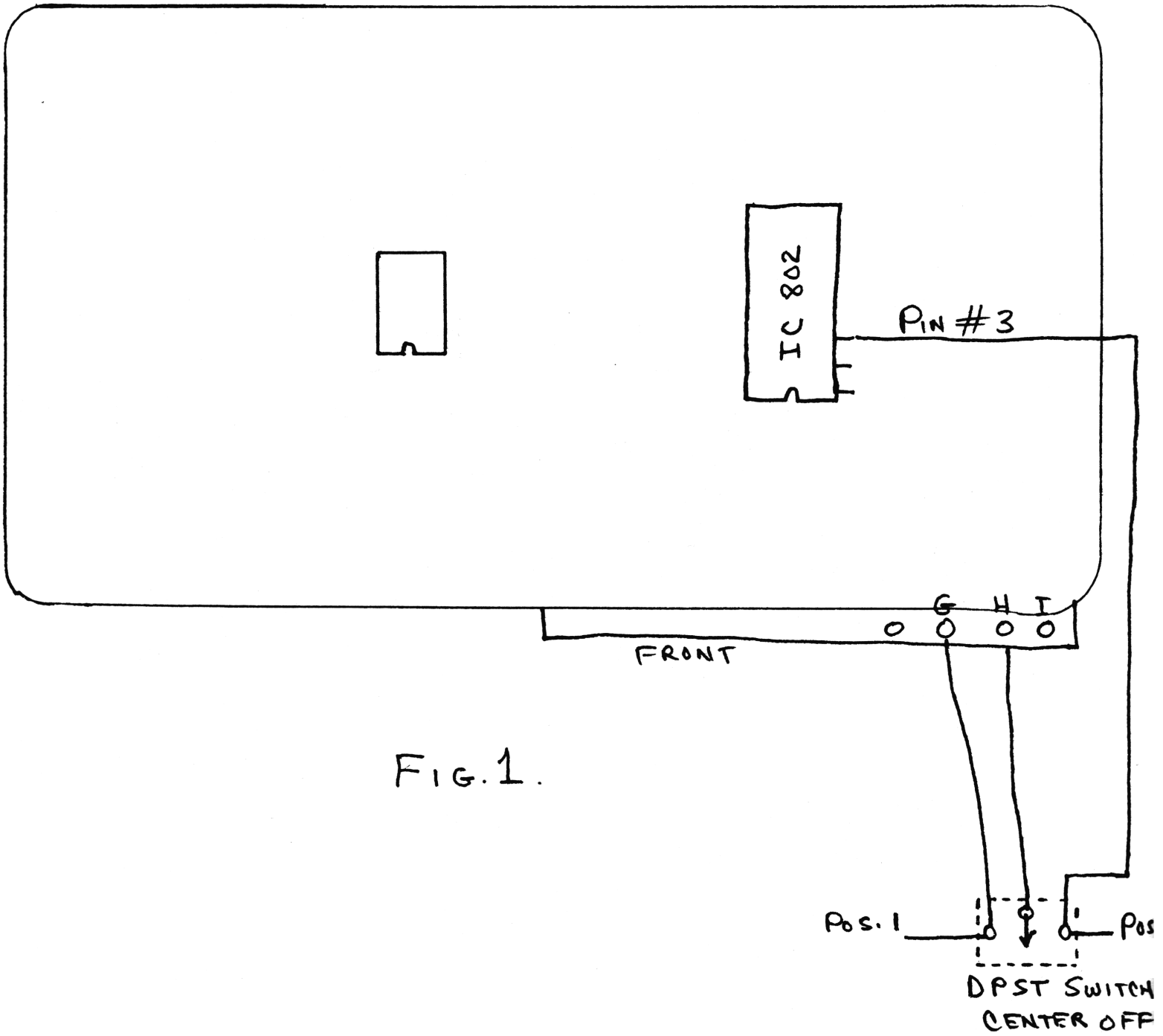


FIG. 1.