

SuperStar 3600 (Low Band)

10KHz Jump/Roger Beep Switch Modifications

by B.W.

This modification was performed on S/N 104089, no problems were encountered.

Channel 9 and Tone switches are utilized, both hardwired.

Roger Beep Switch modification: Tone Switch utilized.

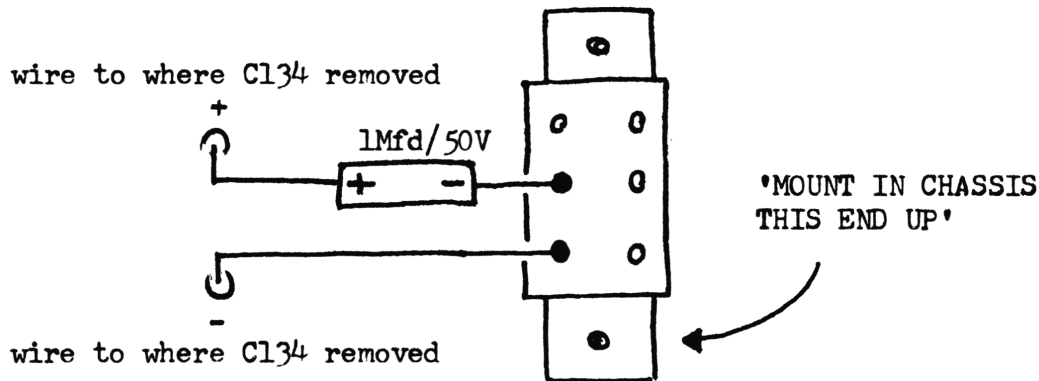
Permanent Hardwire - HI; Remove Gray wire from switch, follow to PCB #68, delete.

Remove Green wire from switch, follow to PCB #60, delete.

LO; Remove Gray wire from switch, follow to PCB #68, delete - clean out hole.

Remove Green wire from switch, solder to PCB #68 where the Gray removed.

1. Clean off all switch terminals. The 'Beep' was too long on this particular unit, so changed the capacitor to 1Mfd/50V electrolytic. For even shorter 'Beep', use smaller capacitance, but not voltage.
2. Remove C-134 from PCB, clean out holes. If not going to change the 'beep' on time, save capacitor.
3. Wire up the switch as shown below; wire length 7"; cut to proper length when installing.



4. When switch is down - NO BEEP. UP, 'BEEP!'

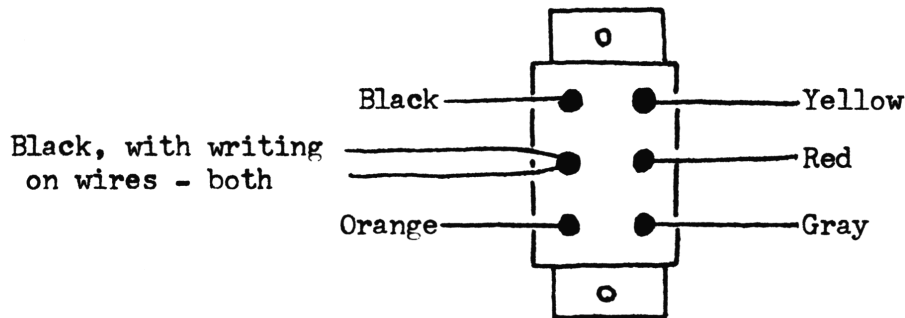
Caution: If not going to change the 'Beep' ON time; suggest changing capacitor to one of higher voltage rating; minimum 50WVDC.

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10KHz Jump/Roger Beep Sw. Mod. (Cont.)

10KHz Jump Switch modification: Ch 9 switch utilized.

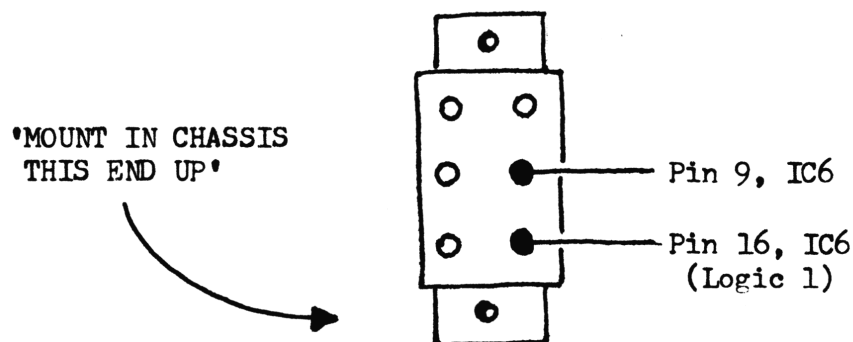
Permanent Hardwire - check wires' color, as referenced to below.



1. Cut all wires off at switch, pull all out of cable bundle.
2. Remove/Cut Orange wire at plug/connector - delete.
3. Remove Gray wire at PCB, (CAREFULLY, as is under the Ch. Selector). - delete.
4. Remove approximately $\frac{1}{4}$ " of insulation from all three (3) Black wires, solder/sleeve all together.
5. Do the same as above for the Red and Yellow wires, don't forget to sleeve!

At this time check operation before going any further, if normal proceed.

6. Remove jumper J49, clean out holes. (CAUTION - this will entail unsoldering the cover on bottom of PCB, do it carefully!) Replace jumper with 4.3K $\frac{1}{4}$ W 5% resistor, then replace cover.
7. Wire up the switch as shown below; wire length 8"; cut to proper length when installing.



8. When switch is down 'normal/correspond to Fo Chart'.
UP, add 10KHz to everything