

TECH TIPS

MORE ON THE 858 CHASSIS:

Seems like everytime I read the mail we have a few more letters on various 858 modifications a little bit different than previous ones. This chassis is truly a diehard and it looks like alot of experimenters are still playing with this one. So, following is a collection of more goodies for you all to try and enjoy!

Channel coverage from 27.415 to 28.045 with 2 switches:

Lift pin 19 from pc ground and solder a 4700 ohm resistor across cut. Using a SPDT Center off switch, connect pin 21 to center pole and pin 19 to one of the outerpoles. Channel 8 becomes 27.455 to channel 40 27.805. Now connect pin 18 to the outer pole remaining. In this position, channel 21,22,24,&25 become 27.415-27.445. Using a second SPDT switch, connect pin 21 to center pole, pin 18 to outerpole, and pin 20 to the other pole. The different combinations will give all channels from 27.415 to 28.045.

10 to 12 KC Slider with individual adjustment:

Remove CT-5 from the circuit and lift the grounded end (anode) of D43 and connect a Miller 4203-4205 3-8microhenry choke in series with the anode lead to ground. Adjust the choke for 10-12 kc down and 2-4 kc up. This is for LSB only. For USB use CT4 and D41. For AM, use CT6 and D45 as above. This will give you a method to readjust your correlations on your crystals.

The following will help correct the problem of "dumping" alot of slide onto a very small portion of the control. An example of dumping is when you put the three Super Diodes in place of the stock varactors. There is a very simple cure. Simply remove the stock 20k Clarifier control and replace with a 5k control. This will give a relatively smooth 6kc down and 2kc up slide.

Want to INCREASE your modulation audio? Here is a simple mod: remove Diodes D21 & D22 and install a jumper wire between the two cathodes (banded end).