

MIKE GAIN CONTROL & 10-TURN "FINE-TUNING" CLARIFIER FOR REALISTIC TRC-458

PARTS REQUIRED:

- 1 ea. 20K 10-turn pot (available from Secret CB)
(Bunker-Ramo 4201B or equivalent)
 - 1 ea. 10-turn dial scale (Clarodial type 411)
 - 18" 3-conductor shielded microphone cable (Belden 8735 or equivalent)
 - ½ doz. Ty-raps
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1. Remove housing, knobs, and faceplate from radio.
2. Locate the "TRC-458" logo on the left center of faceplate (See diagram) and, using a center punch, make an indentation in the approximate center of the logo.
3. Carefully drill a 1/8" hole in the face plate at this location.
4. Temporarily reinstall the faceplate on the chassis and mark the hole location on the chassis using the faceplate as a guide. Centerpunch the chassis and drill a 3/8" hole making sure it lines up with the hole in the faceplate.
5. Remove and desolder the clarifier control and set it aside. This pot will be used later for the mike gain control.
6. Install the 10-turn clarifier in the chassis making sure that as much of the threaded end of the control as possible extends out of the front panel (this will permit installation of the dial scale later). Solder the three clarifier leads as shown in the connecting diagram.
7. Locate VR6 (right rear of circuit board) and carefully desolder and remove it from the board.
8. Install the old clarifier control in the 3/8" hole in the chassis front panel and solder the 3-conductor cable to the terminals on the pot. (Do not connect the shield at this time.)
9. Secure the cable to the wiring harness with ty-raps (see diagram) and solder the 3-conductor to the circuit board at the points previously occupied by VR6. Connect the shield to chassis ground using a jumper wire. (see connecting diag.)

