

# KENWOOD

SB-935

## SERVICE BULLETIN AMATEUR RADIO

SUBJECT	DATE
TM-321A LOSS OF TX AUDIO WITH MC-48B	6/02/88

When an MC-48B is used with the TM-321A, transmit audio may be suppressed do to RF feedback. This occurrence is restricted to mobile operation where the antenna is in close proximity to the microphone. The audio can be restored by adding a 100pF capacitor directly to the mic element terminals.

### REQUIRED PARTS:

100pF, 50V CAPACITOR      KENWOOD PART NUMBERS CK45B1H101K OR CC45B1H101K

1. Remove the 3 screws from the mic case (Figure 1). Carefully open the case.
2. Pull the PC board, PTT knob, and PTT micro switch out of the mic case to expose the mic element cover (Figure 2).
3. Remove the 3 screws and mounting clips (Figure 3) securing the element cover. Remove the PTT spring. Pull the mic element and cover out of the case.
4. Remove the element from the rubber cover.
5. Install and solder the capacitor directly to the mic element terminals where the brown and white wires are connected (Figure 4). To avoid damaging the element, use a low wattage soldering iron.
6. Carefully assemble the mic by reversing steps 1 - 4.

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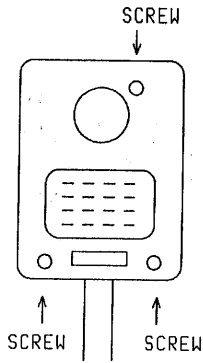


FIGURE 1

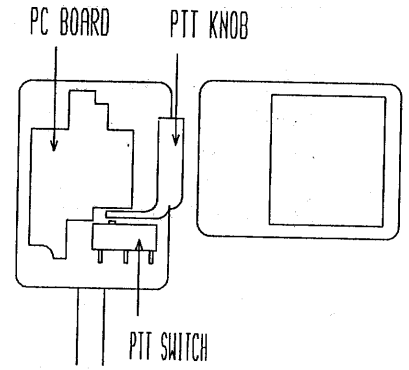


FIGURE 2

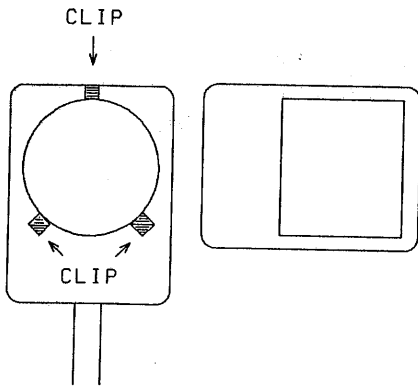


FIGURE 3

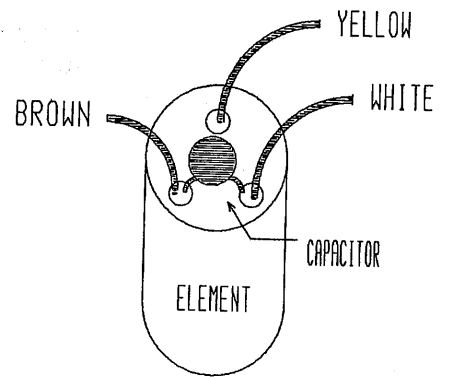


FIGURE 4

This modification may be covered under warranty.  
 Time required for this modification is 0.5 hrs or less. (C) 42988TKC