

# GENERAL COVERAGE MODS FOR SOME AMATEUR RADIOS

---

. ROY A. WIGLESWORTH

KENWOOD TS440 = LOCATE DIODE D-80 ON THE CONTROL BOARD. CLIP IT!

*BEHIND FACE PLATE  
ALUMINUM SHIELD*

ICOM IC-751A = CLIP R34 ON THE NOISE BLANKER SWITCH BOARD.

ICOM IC-761 = CLIP R37 ON THE MARKER BOARD.

YAESU FT-767GX = LOCATE LOCAL OSCILLATOR UNIT. LOOK NEAR LOWER LEFT SIDE OF THE BOARD. THERE YOU WILL FIND A SMALL WHITE SWITCH. SWITCH IT!

*FROM IC 725 1. Remove covers 2. Remove HEAT SINK 3. CUT DPODR D-5*

ALL THE MODIFICATIONS LISTED ABOVE ARE BEST DONE WITH THE AID OF THE FACTORY SERVICE MANUAL

## MODIFY THE SM-1 SCANNING MIKE

---

THE FOLLOWING MODIFICATION CHANGES THE INCREMENTAL TUNING STEPS OF THE CLEAR CHANNEL SM-1 SCANNING MIC, FROM 100HZ TO 1KHZ, 10KHZ OR 1MHZ STEPS.

FOR 100HZ STEPS, THE PURPLE WIRE FROM THE SM-1 BOARD MUST BE SOLDERED TO PIN 15.

FOR 1KHZ STEPS, THE PURPLE WIRE FROM PIN 15 OF IC300 (CPU BOARD) MUST BE MOVED TO PIN 9 OF IC300.

FOR 10KHZ STEPS, MOVE THE PURPLE WIRE FROM PIN 15 OF IC300 TO PIN 8 OF IC300.

FOR 100KHZ STEPS, MOVE THE PURPLE WIRE FROM PIN 15 TO PIN 7 OF IC300.

FOR 1MHZ STEPS, MOVE THE PURPLE WIRE FROM PIN 15 TO PIN 6 OF IC300.

THE WIRING CODE FOR THIS MIKE IS AS FOLLOWS:

PIN 1 SCAN UP  
PIN 2 SCAN COMMON  
PIN 3 SCAN DOWN  
PIN 4 SCAN FAST A  
PIN 5 SCAN FAST B  
PIN 6 TRANSMIT  
PIN 7 SHIELD  
PIN 8 MIKE AUDIO