

# Selectone

ST-139

APPLICATION NOTE #1408

FOR USE WITH: MOTOROLA MICOR STATION

APPROVAL DATE: 12FEB98S BY:RTS

## CONNECTIONS

TONE UNIT

RADIO

o-----	P.T.T. (ENC. ENABLE)	YELLOW	----->	P401-2 KEYED FILTERED A+
o-----	ENCODE OUTPUT	WHT/GRN	----->	P401-6 "PL" TONE
o-----	MONITOR	BROWN	----->	
o-----	(-) SUPPLY	BLACK	-----*	P201-1 GROUND
o-----	HI PASS FILTER OUT	WHT/BLU	----->	P201-6 "PL" FILTER OUTPUT
o-----	TONE INPUT	GREEN	----->	P201-8 "PL" FILTER INPUT
o-----	(+) SUPPLY	RED	-----*	P201-9 +9.6V CONTINUOUS
				10K
o-----	DECODE (-)	WHT/ORG	-----*	P201-5 DECODER OUTPUT

## MODIFICATIONS

TONE UNIT

RADIO

USER: MOUNT THE TONE UNIT IN THE VICINITY OF THE AUDIO/SQUELCH BOARD. REMOVE THE UNUSED WIRES.

FACTORY: NONE.

THIS APPLICATION APPLIES TO TRN6006A OR TRN6007A AUDIO & SQUELCH BOARD.  
 REMOVE JU201 AND JU202. ADD A 10K RESISTOR FROM P201-5 TO P201-9  
 P401 is located on the EXCITER board. **MAKE SURE JU204 IS IN.**  
 P201 is located on the AUDIO & SQUELCH board.  
 ON STATION CONTROL BOARD JU9 IS IN.  
 If removing a CTCSS board which has "Delayed Keyed Filtered A+" you must replace the jumper on the exciter from "Keyed Filtered A+" to "Delayed Keyed Filtered A+"

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