

Selectone

ST-139 APPLICATION NOTE #1407

FOR USE WITH: MOTOROLA MICOR

APPROVAL DATE: 12FEB98S BY:RTS

CONNECTIONS

TONE UNIT

RADIO

TONE UNIT		RADIO	
ST-956MIC Application Cable			
6	P.T.T. (ENC. ENABLE)	YELLOW	P401 KEYED FILTERED A+
4	DECODE (-)	WHT/ORG	P201 DECODER OUTPUT
1	HI PASS FILTER OUT	WHT/BLU	J903-3 EMITTER FOLLOWER OUTPUT
12	TONE INPUT	GREEN	P201 DECODER INPUT
13	ENCODE OUTPUT	WHT/GRN	P401 "PL" TONE
3	(+) SUPPLY	RED	P201 +9.6V CONTINUOUS
9	(-) SUPPLY	BLACK	P201 GROUND
7	MONITOR	BROWN	

Wire #'s 2,5,8,10, & 11 not used.

MODIFICATIONS

TONE UNIT

RADIO

USER:

REMOVE C203 (.22uF in series with EMTR. FOL. OUT. on AUDIO SQL. bd.)

P401 is located on the EXCITER bd.

P201 is located on the AUDIO & SQUELCH bd.

J903 is located on the INTER-CONNECT bd.

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+"

Pin numbers for P201 and P401 change with version. See radio schematic.

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