

Selectone

ST-139

APPLICATION NOTE #1389

FOR USE WITH: MOTOROLA MX300 SERIES HANDHELD

APPROVAL DATE: 21DEC87 BY: JNS

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CONNECTIONS

TONE UNIT

RADIO

o--- MONITOR	BROWN	E14	GROUND
o--- <u>P.T.T.</u> (ENCODE ENABLE)	BLK/YEL	I9	PTT
o--- P.T.T. (ENCODE ENABLE)	YELLOW	I8	+7.5V dc "PL" OFF (See Note)
o--- DECODE (+)	BLK/ORG	I5	U7-4
o--- TONE INPUT	GREEN	I1	U7-3
o--- ENCODE OUTPUT	WHT/GRN	I4	
o--- (+) SUPPLY	RED	E2	+7.5V dc all modes
o--- (-) SUPPLY	BLACK	E14	GROUND

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MODIFICATIONS

TONE UNIT

RADIO

USER: Remove unused leads.

JU10, JU9, AND JU15 must be IN.

NOTE:

The ST-146 decodes its own tone to accomplish receive MONITOR. Therefore ENCODE ENABLE was used for this application in place of MONITOR so that no radio mods or tone unit mods are required.

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