Selectone

ST-050   APPLICATION NOTE   # 0372

FOR USE WITH : MOTOROLA P1225

CONNECTIONS

Note	Pin #	ST-050 Function	Wire Color	Host Radio Connection
	3	(+) Supply	Red	U406 OUT
	9	(-) Supply	Black	GROUND
1	11	Rx Audio Input	Blue	J13-8
1	1	Rx Audio Output	Wht/Blu	J13-6
2	12	Tx Audio Input	Green	J13-10
2	13	Tx Audio Output	Wht/Grn	J13-12
	6	PTT Input	Yellow	J13-13
	10	PTT Output	Blk/Yel	J13-13
	7	Monitor/Clear/Ciphered	Brown	JUNCTION OF Q1101 AND R117
	8	Amp. Enable	Blk/Brn	BASE OF Q501
	5	COS	Blk/Org	BASE Q501
	2	RS-232 Input	Violet	Used for setup only
	4	RS-232 Output	Wht/Org	Used for setup only

Notes:

1. REMOVE R551.
2. REMOVE R654.
3.

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Configuration Settings for Product Manager

The following settings, with most recient updates is available as XXXXXXX.SPM from the Selectone web site www.selectone.com.

Operating Mode Tab

Tx PowerUp Mode		Ciphered	X	Clear
Functional Rx Conditions	X	Ciphered	X	Clear
COS (Carrier Operated Switch)		Active Low	X	Active High
User Code Key Selection	X	Double Click		Toggle
PTT Input		Active Low	X	Common PTT
PTT Output		Active Low		Active High
Special Functions	X	Amp. Enable		Special PTT In/Out
Missed Sync Reset			X	Power Save
Initial Syncronization Delay				System Related

Audio Levels Tab

Receiver Input Level	650			
Receiver Output Level	650			
Microphone Input Level	500			
Microphone Output Level	500			
Syncronization Level	X 3dB	9dB	15dB	21dB
Internal Squelch Detection		*Enable*		