Selectone

ST-20C/25C APPLICATION NOTE   # 0408

FOR USE WITH : ERICSSON ORION
REV: A 2-14-00   BY:CPE

This note applies to Logic/IF Board LBI-39174A

CONNECTIONS

Note	Pin #	ST-20C/25C Function	Wire Color	Host Radio Connection
	3	(+) Supply	Red	IC606-1 SW A+
	9	(-) Supply	Black	IC606-2 GROUND
1	11	Rx Audio Input	Blue	C602 AUDIO FEED SIDE
1	1	Rx Audio Output	Wht/Blu	JUNCTION OF C602 AND R615
2	12	Tx Audio Input	Green	JUNCTION OF IC602 AND C608
2	13	Tx Audio Output	Wht/Grn	JUNCTION OF C608 AND IC601-74
4	6	PTT Input	Yellow	CX701
	10	Code Select 3	Blk/Yel	User (ST-20B only)
3	7	Monitor/Clear/Ciphered	Brown	J702-13
	8	Amp. Enable	Blk/Brn	N/A
	5	Code Select 2	Blk/Org	User (ST-20B only)
	2	Code Select 1	Violet	User (ST-20B only)
	4	SPK BEEP	Wht/Org	BASE OF #TR603

Notes:
1. REMOVE C602 (.1μf), and put a (.1μf) in series with Wht/Blu lead.
2. REMOVE C608 (1μf), and put a (1μf) in series with Wht/Grn lead.
3. Clear/Cipher is selected with the **Speaker On** button.
4. See next page.

Customer Select Resistors   R4 = 11K,   R21 = 11K,   R28 = 11K,   R35 = 11K
Transmit in the encrypted mode and adjust R24 to half system deveation. (ST-25B only)

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Configuration Settings for Product Manager

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

Operating Mode	•	Switched		Double Click
Power Up Mode		Ciphered	•	Clear
LED Operation		LED ON	•	LED OFF
Transmit Alert	•	On		Off
Transmit Delay		**System Related**		
Code Key #1		**User Selected**		
Code Key #2		**User Selected**		
Code Key #3		**User Selected**		
Code Key #4		**User Selected**		

Note 4 continued :

LOGIC/IF BOARD   COMPONENT SIDE

CX701

PTT Yellow lead