

Selectone

ST-020B / ST-025B APPLICATION NOTE # 0396

FOR USE WITH : Yaesu VX-3000V

APPROVAL DATE: 01FEB99S BY: RTS

CONNECTIONS

Note	Pin #	ST-02x Function	Wire Color	Host Radio Connection
	3	(+) Supply	Red	J1006-3 13V
	9	(-) Supply	Black	GROUND
	11	Rx Audio Input	Blue	Junction J1005-3 & C1261
1, 3	1	Rx Audio Output	Wht/Blu	Junction C1025 & Q1047-32
2	12	Tx Audio Input	Green	Junction J1003-2 & C1178
4	13	Tx Audio Output	Wht/Grn	Junction C1178 & R1118
	6	PTT Input	Yellow	J1003-3
	10	PTT Output / Code Select 3	Blk/Yel	User Selected ST-020B, N/C ST-025B
	7	Monitor/Clear/Ciphered	Brown	Add External Switch
	8	Amp. Enable	Blk/Brn	N/C
	5	Code Select 2	Blk/Org	User Selected ST-020B, N/C ST-025B
	2	RS-232 Input/Code Select 1	Violet	User Selected ST-020B, N/C ST-025B
	4	RS-232 / LED Output	Wht/Org	N/C

Notes:

1. Remove C1025.
2. Remove C1178
3. Add a 4.7uF cap in series with the Wht/Blu wire (+ side toward ST-02xB)
4. Add a .1uF cap in series with the Wht/Grn wire.
5. No Customer Select resistors (R4,R21,R28,R35) required.

Configuration Settings for ST25 Product Manager

Operating Mode	<input checked="" type="radio"/>	Switched	<input type="radio"/>	Double Click
Power Up Mode	<input type="radio"/>	Ciphered	<input checked="" type="radio"/>	Clear
LED Operation	<input type="radio"/>	On	<input checked="" type="radio"/>	Off
Transmit Alert	<input checked="" type="radio"/>	On	<input type="radio"/>	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			