

ST-020B / ST-025B APPLICATION NOTE # 0395

FOR USE WITH: Yaesu FTL-2011/7011-99

APPROVAL DATE: 01FEB99R BY: RTS

CONNECTIONS

Note	Pin	ST-02x Function	Wire	Host Radio Connection	
	#		Color		
	3	(+) Supply	Red	J305-2 9V	
	9	(-) Supply	Black	J305-1 GND	
1	11	Rx Audio Input	Blue	Junction Q3007 & C3032	
	1	Rx Audio Output	Wht/Blu	Junction C3032 & R3067	
	12	Tx Audio Input	Green	Junction Q3009 & C3056	
2	13	Tx Audio Output	Wht/Grn	Junction C3056 & C3055	
	6	PTT Input	Yellow	Junction J4005-1 & D4003	
	10	PTTOutput / Code Select 3	Blk/Yel	User Selected ST-020B, N/C ST-025B	
3	7	Monitor/Clear/Ciphered	Brown	JP2-2	
	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	J3005-3 AF OUT	

Notes:

- 1. Remove C3032
- 2. Remove C3055
- 3. Place a solder jumper between pins 2 & 3 of uP U5 on the ST-020B to enable double click.
- 4. No Customer Select resistors (R4,R21,R28,R35) required.

Configuration Settings for ST25 Product Manager

Operating Mode		Switched		Double Click
Power Up Mode		Ciphered		Clear
LED Operation		On		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			

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