

# Selectone

ST-020B/025B

APPLICATION NOTE # 0403

FOR USE WITH :KENWOOD TK840/940/941

APPROVAL DATE: 10JUN99 BY: CPE

## CONNECTIONS

Note	Pin #	ST-02x Function	Wire Color	Host Radio Connection
	3	(+) Supply	Red	CN201-9 C8
	9	(-) Supply	Black	CN201-1 E
1	11	Rx Audio Input	Blue	JUNCTION OF R31 AND C56
1	1	Rx Audio Output	Wht/Blu	JUNCTION OF C56 AND R48
2	12	Tx Audio Input	Green	JUNCTION OF Q201 AND C234
2	13	Tx Audio Output	Wht/Grn	JUNCTION OF C234 AND R223
	6	PTT Input	Yellow	J201-3
	10	Not used	Blk/Yel	N/C
3	7	Monitor/Clear/Ciphered	Brown	ADD SWITCH
	8	Amp. Enable	Blk/Brn	N/C
	5	Code Select 2	Blk/Org	N/C
	2	RS-232 Input/Code Select 1	Violet	N/C
	4	RS-232 / LED Output	Wht/Org	N/C

### Notes:

1. REMOVE C56 FROM RADIO AND PUT IN SERIES WITH THE WHT/BLU LEAD.
2. REMOVE C234 FROM RADIO AND PUT IN SERIES WITH THE WHT/GRN LEAD.
3. ADD TOGGLE SWITCH. MAY NEED A 10 $\mu$ F CAP IN PARALLEL WITH C22 (10 $\mu$ F) ON SCRAMBLER TO REDUCE WHITE NOISE.
4. CUSTOMER SELECT RESISTERS = R21 N/A, R4 N/A, R35 1K, R28 1K

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## Configuration Settings for 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"/>	LED ON	<input checked="" type="radio"/>	LED 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			