

Selectone

ST-020B/025B

APPLICATION NOTE # 0402

FOR USE WITH :KENWOOD 840/940/941

APPROVAL DATE: 06MAY99R BY: CPE

CONNECTIONS

Note	Pin #	ST-02x Function	Wire Color	Host Radio Connection
	3	(+) Supply	Red	CN201-9 8C
	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 R46
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/A
3	7	Monitor/Clear/Ciphered	Brown	JUNCTION OF IC2-60 AND SW8
	8	Amp. Enable	Blk/Brn	N/A
	5	Code Select 2	Blk/Org	N/A
	2	RS-232 Input/Code Select 1	Violet	N/A
	4	RS-232 / LED Output/BEEP	Wht/Org	JUNCTION OF C93 AND Q20

Notes:

1. REMOVE C56 FROM RADIO AND PUT A 6800pf CAP IN SERIES WITH THE WHT/BLU LEAD.
2. REMOVE C234 FROM RADIO AND PUT A .022µf CAP IN SERIES WITH THE WHT/GRN LEAD.
3. DOUBLE CLICK THE 'AUX' BUTTON FOR CLEAR/CYPHER OPERATION AND QUAD CLICK TO CHANGE USER CODE KEYS. MAY NEED A 10µf CAP IN PARALLEL WITH C22 (10µF) 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		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			