

# Selectone

**ST-020B/ST-025B APPLICATION NOTE # 0401**

**FOR USE WITH :MOTORLA MC MICRO**

APPROVAL DATE: 03MAR99R BY: CPE

## CONNECTIONS

Note	Pin #	ST-02x Function	Wire Color	Host Radio Connection
	3	(+) Supply	Red	P3-7 9.6V DC
	9	(-) Supply	Black	P3-8 GROUND
1	11	Rx Audio Input	Blue	JUNCTION OF C556 & U551B-3
1	1	Rx Audio Output	Wht/Blu	JUNCTION OF C556 & R557
2	12	Tx Audio Input	Green	JUNCTION OF JU601 & 602
2	13	Tx Audio Output	Wht/Grn	JUNCTION OF JU602 & R607
	6	PTT Input	Yellow	P3-6 T/R SHIFT
	10	Not used	Blk/Yel	N/A
4	7	Monitor/Clear/Ciphered	Brown	USER SWITCH
	8	Amp. Enable	Blk/Brn	JUNCTION OF R515 & R516
	5	Code Select 2	Blk/Org	N/A
	2	RS-232 Input/Code Select 1	Violet	N/A
3	4	RS-232 / LED Output	Wht/Org	JUNCTION OF U551-14 & R560

### Notes:

1. ON THE RADIO COMMAND PCB REMOVE C556 AND PUT IT IN SERIES WITH THE WHT/BLU LEAD.
2. ON THE COMMAND PCB REMOVE JU602 AND PUT A 33K RESISTOR IN SERIES WITH THE WHT/GRN LEAD.
3. ADD A 33K RESISTOR IN SERIES WITH THE WHT/ORG LEAD.
4. THE CLEAR/CIPHERED REQUIRES A USER SWITCH.
5. ON THE COMMAND PCB REMOVE JU602, JU804, JU601, AND JU551.
6. ON THE COMMAND PCB VERIFY THAT JU552 AND JU803 ARE INSTALLED.

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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 checked="" type="radio"/>	Active Low	<input type="radio"/>	Active High
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			