

Selectone

ST-50 APPLICATION NOTE #0305

FOR USE WITH : MOTOROLA GM300

APPROVAL DATE: 29JUL97S BY: RTS

CONNECTION

ENCRYPTION UNIT

RADIO

(3)	(+) SUPPLY INPUT	RED	J6-1	9.6V
(9)	(-) SUPPLY INPUT	BLACK	J6-11	GND
(11)	RX AUDIO INPUT	BLUE	JUNCTION OF U552 AND C561	
(1)	RX AUDIO OUTPUT	WHT/BLU	JUNCTION OF R562 AND C561	
(12)	TX AUDIO INPUT	GREEN	Q651 COLLECTOR	
(13)	TX AUDIO OUTPUT	WHT/GRN	JUNCTION OF C 652 AND R655	
(6)	PTT INPUT	YELLOW	J8-13	PTT
(10)	PTT OUTPUT	BLK/YEL	J8-13	PTT
(7)	CLEAR/CIPHER	BROWN	J9-6	
(5)	COS	BLK/ORG	JUNCTION OF Q805 AND CSQ	
(8)	AMP ENABLE	BLK/BRN	BASE OF Q805	
(2)	RS-232 IN	VIOLET	NO CONNECTION	
(4)	RS-232 OUT	WHT/ORG	NO CONNECTION	

Revised 31JUL97R BY RTS

NOTES: REMOVE C561 AND C652. ADD A 0.0068 MFD CAPACITOR IN SERIES WITH THE WHT/GRN WIRE. ADD A 0.22 MFD CAPACITOR IN SERIES WITH WHT/BLU WIRE. SET RX AND TX AUDIO TO 2000 MV. PROGRAM THE ST-050 TO COMMON PTT.