

FOR USE WITH: MOTOROLA RADIUS MOBILES APPROVAL DATE: 05MAR98S BY: RTS

## CONNECTION

## **ENCRYPTION UNIT**

**RADIO** 

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(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 C652 AND R655	
(6)	PTT INPUT	YELLOW	J6-4	T/R SHIFT
(10)	CLEAR/CYPHER	BROWN	S1103 FPC	
(7)	BEEP EE CS	WHT/ORG	U553 PIN 2	
(4)	PA ENABLE/CODE #1	BLK/BRN	Q501 BASE	PA MUTE
(5)	NOT USED	BLK/ORG	N/C	
(8)	NOT USED	BLK/YEL	N/C	
(2)	NOT USED	VIOLET	N/C	

**NOTES:** FROM THE RADIO: REMOVE C561 AND C652.

ON ST-25A: ADD A IN914 DIODE ANODE TO P1-6 AND CATHODE U3-9. REMOVE R54, & R30. JUMPER R55. CONNECT A 10K RESISTOR BETWEEN J1-4 AND GND

ADD A .0068uF CAP (REMOVED C652) IN SERIES WITH WHT/GRN WIRE.

ADD A 15k RESISTOR AND .1uF CAP IN SERIES WITH THE WHT/ORG LEAD.

Note: THIS APPLICATION OPERATES IN DOUBLE CLICK MODE USING THE AUDIO MUTE BUTTON.

**Note:** This application also applies to the model GM300.

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