

## CONNECTION

## **ENCRYPTION UNIT**

**RADIO** 

(3)	(+) SUPPLY INPUT	RED	JUNCTION	OF U406 AND C410
(9)	(-) SUPPLY INPUT	BLACK	GROUND	
(11)	RX AUDIO INPUT	BLUE	U552-1	
(1)	RX AUDIO OUTPUT	WHT/BLU	JUNCTION (	OF C551 AND U402-15
(12)	TX AUDIO INPUT	GREEN	JUNCTION OF C652 & R658	
(13)	TX AUDIO OUTPUT	WHT/GRN	JUNCTION (	OF C652 & CR651-3
(6)	PTT INPUT	YELLOW	JUNCTION OF J5-6 AND R409	
(7)	CLEAR/CYPHER	BROWN	JUNCTION OF Q1101 AND R117	
(4)	BEEP EE CS	WHT/ORG	JUNCTION OF R552 AND U554-10	
(8)	PA ENABLE/CODE #1	BLK/BRN	BASE OF Q501	
(5)	CODE #2	BLK/ORG	USER	(ST-20B ONLY)
(8)	CODE #3	BLK/YEL	USER	(ST-20B ONLY)
(2)	CODE #1	VIOLET	USER	(ST-20B ONLY)

REVISED 11-5-99 CPE

NOTES: THIS NOTE IS FOR THE ST-20C/25C ONLY.

RADIO: REMOVE C652 AND C551.

SCRAMBLER: ON ST-20C/25C JUMPER R37.

PROGRAM DOUBLE CLICK MODE FOR CLEAR/CIPHER FOR ST-25B OR INSTALL JU1 FOR ST-20B. THE ENCRYPTION IS ENABLED AND DISABLED BY DOUBLE CLICKING THE "C" BUTTON ON THE FRONT OF THE RADIO. A SHORT HIGH PITCH BEEP INDICATES CIPHER MODE AND LONGER LOW FREQUENCY BEEP INDICATES CLEAR MODE. OPTIONAL ADD A 100K RESISTER IN SERIES WITH WHT/ORG IF BEEP IS TO LOUD.

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