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ST-50 APPLICATION NOTE #0320

FOR USE WITH :M100/GM300 **APPROVAL DATE:971201M BY:CPE**

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 C652 AND R655	
(6)	$\overline{\text{PTT}}$ INPUT	YELLOW	J6-4	T/R SHIFT
(10)	PTT OUTPUT	BLK/YEL	J6-4	
(7)	CLEAR/CIPHER	BROWN	S1103 FPC	
(5)	COS	BLK/ORG	Junction of Q551 & C563	
(8)	AMP ENABLE	BLK/BRN	Q501 BASE	PA MUTE
(2)	RS-232 IN	VIOLET	N/A	
(4)	RS-232 OUT	WHT/ORG	N/A	

NOTES: FROM THE RADIO: REMOVE C561 AND C652.
ADD A .0068uF CAP (REMOVED C652) IN SERIES WITH WHT/GRN WIRE.
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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