Selectone
ST-020C/025C APPLICATION NOTE #0366

FOR USE WITH : MOTOROLA M1225   APPROVAL DATE: 09APRIL99R BY: CPE

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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

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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.