

Selectone

ST-20B/25B APPLICATION NOTE #0363

FOR USE WITH :KENWOOD TK760/860 APPROVAL DATE: 14AUG98R BY: CPE

CONNECTIONS

	VOICE ENCRYPTION UNIT		RADIO
(3)	(+) SUPPLY INPUT	RED	SWITCHED B+ LABELED 8C
(9)	(-) SUPPLY INPUT	BLACK	GROUND
(11)	RX AUDIO INPUT	BLUE	JUNCTION OF R424 & PAD LABELED IN
(1)	RX AUDIO OUTPUT	WHT/BLU	JUNCTION OF R424 & PAD LABELED OUT
(12)	TX AUDIO INPUT	GREEN	JUNCTION OF R405 & PAD LABELED IN
(13)	TX AUDIO OUTPUT	WHT/GRN	JUNCTION OF R405 & PAD LABELED OUT
(6)	PTT INPUT	YELLOW	JUNCTION OF D403 & PAD LABELED T/R
(7)	CLEAR/CYPHER	BROWN	JUNCTION OF R483 & PAD LABELED SCR
(10)	N/A	BLK/YEL	N/A
(4)	BEEP	WHT/ORG	N/A
(5)	CODE SELECT 2 (ST-20B ONLY)	BLK/ORG	JUNCTION OF R485 & PAD LABELED B2
(8)	AMP ENABLE	BLK/BRN	N/A
(2)	CODE SELECT 1 (ST-20B ONLY)	VIOLET	JUNCTION OF R486 & PAD LABELED B1

NOTES: REMOVE R424 & R405 ON THE CONTROL UNIT. PROGRAM ONE OF THE FRONT PANEL KEYS FOR "AUXILIARY" (UNDER "EDIT", KEY ASSIGNMENT"). PROGRAM THE "SCRAMBLER CODE" FOR THE DESIRED DEFAULT INVERSION FREQUENCY (UNDER "EDIT" "OPTION FEATURE"). THIS IS THE DEFAULT CODE OR INVERSION FREQUENCY USED BY THE SCRAMBLER WHEN ACTIVATED BY THE "AUXILIARY" KEY ON THE RADIO. TK760/860 ONLY: WHEN THE "AUXILIARY" KEY ON THE RADIO IS PRESSED & HELD, THE DISPLAY INDICATES "CODE1", & THE SCRAMBLER CODE CAN THEN BE CHANGED (1 THROUGH 4) BY THE CHANNEL UP/DOWN BUTTONS. THE NEW CODE SELECTED IS MEMORIZED BY THE RADIO AS THE NEW DEFAULT "SCRAMBLER CODE" ADD A 2.2MFD CAPACITOR IB SERIES WITH THE WHT/BLU WIRE (+) SIDE TO ST-020B/02. MAKE SURE THAT THE ST-20B/25B HAS A10µF TANT CAP IN C22 LOCATION

R4=N/A R21=N/A R35=1.1K R28=1.1K

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