

Selectone

ST-20B APPLICATION NOTE #0351

FOR USE WITH :KENWOOD TK760/860 APPROVAL DATE: 31AUG98R 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 IC405-7 & C451
(1)	RX AUDIO OUTPUT	WHT/BLU	JUNCTION OF C451 & CN401-8 (SEE NOTES)
(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	YELLOW	IC10-6
(7)	CLEAR/CYPHER	BROWN	JUNCTION OF R483 & PAD LABELED SCR
(8)	NOT USED	BLK/BRN	NOT USED
(10)	CODE #1	BLK/YEL	JUNCTION OF R486 & PAD LABELED B1
(4)	CODE #2	WHT/ORG	JUNCTION OF R485 & PAD LABELED B2
(8)	NOT USED	BLK/BRN	NOT USED
(2)	NOT USED	VIOLET	NOT USED

NOTES:

REMOVE C451 & R405 ON THE CONTROL UNIT. ADD A 1 μ F IN SERIES WITH WHT/BLU LEAD. 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"

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