

Selectone

ST-O20B APPLICATION NOTE #0333

FOR USE WITH: **MAXON SP-2550**

APPROVAL DATE: 06FEB98S BY: RTS

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CONNECTIONS

TONE UNIT

RADIO

| TONE UNIT | | | RADIO | |
|-----------|--------------------|---------|-------|---------------------------|
| (3) | (+) SUPPLY INPUT | RED | | CON1-4 10.8V |
| (9) | (-) SUPPLY INPUT | BLACK | | CON1-1 GND |
| (11) | RX AUDIO INPUT | BLUE | | CON2-15 AF |
| (1) | RX AUDIO OUTPUT | WHT/BLU | | JUNCTION OF C462 AND C463 |
| (12) | TX AUDIO INPUT | GREEN | | CON2-11 MIC |
| (13) | TX AUDIO OUTPUT | WHT/GRN | | JUNCTION OF C449 AND R412 |
| (6) | PTT INPUT | YELLOW | | CON5-5 PTT |
| (7) | CLEAR/CYPHER INPUT | BROWN | | JUNCTION OF SW1 AND R99 |
| (2) | EE DI/DO | VIOLET | | N/C |
| (4) | CODE SELECT #1 | WHT/ORG | | N/C |
| (5) | CODE SELECT #2 | BLK/ORG | | N/C |
| (10) | EE CS | BLK/YEL | | N/C |
| (8) | EE SK/LED OUTPUT | BLK/BRN | | N/C |

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NOTES AND MODIFICATIONS

RADIO: REMOVE R99, C462 AND C449.

ST-25: ADD A 0.033 IN SERIES WITH THE WHT/GRN WIRE. ADD A 0.047 IN SERIES WITH THE WHT/BLU WIRE. US THE SW1 POWER SWITCH TO ENABLE CYPHER.

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