

# Selectone

## ST-20C/25C APPLICATION NOTE #0356

FOR USE WITH : MOTOROLA MTX2000 APPROVAL DATE: 18jan99R BY: CPE

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### CONNECTION

| ENCRYPTION UNIT |                   | RADIO   |                                     |
|-----------------|-------------------|---------|-------------------------------------|
| 3)              | (+) SUPPLY INPUT  | RED     | J703-10 MECH SWB+                   |
| (9)             | (-) SUPPLY INPUT  | BLACK   | GND                                 |
| (11)            | RX AUDIO INPUT    | BLUE    | JUNCTION OF C709 AND R761           |
| (1)             | RX AUDIO OUTPUT   | WHT/BLU | JUNCTION OF C709 AND U701-J7        |
| (12)            | TX AUDIO INPUT    | GREEN   | JUNCTION OF R707 AND C793           |
| (13)            | TX AUDIO OUTPUT   | WHT/GRN | JUNCTION OF C793 AND C713           |
| (6)             | PTT INPUT         | YELLOW  | JUNCTION OF C31 AND C19 TRANS BOARD |
| (7)             | CLEAR/CYPHER      | BROWN   | J703-7                              |
| (4)             | BEEP EE CS        | WHT/ORG | NO CONNECTION                       |
| (8)             | PA ENABLE/CODE #1 | BLK/BRN | NO CONNECTION                       |
| (5)             | CODE #2           | BLK/ORG | NO CONNECTION                       |
| (8)             | NOT USED          | BLK/YEL | NO CONNECTION                       |
| (2)             | RS232             | VIOLET  | NO CONNECTION                       |

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NOTES REMOVE C709, C793, C712. ADD A JUMPER JUNCTION OF R704 AND C712 TO JUNCTION OF R707 AND C793. ADD A JUMPER C712 AND U701-A7 TO JUNCTION C793 AND C713.

{ THIS IS FOR DPL REQUIRED SYSTEM. ON ST-25C REMOVE R26. ADD A 33K RES FROM U2-6 TO THE JUNCTION OF C12 & R26. }

REMOVE R13 AND ADD A .22  $\mu$ F CAP OR PUT .22 $\mu$ F IN SERIES WITH WHT/BLU. REMOVE R44 AND ADD A .1  $\mu$ F CAP OR PUT .1 $\mu$ F IN SERIES WITH WHT/GRN. NOTE THAT THE CAPS ARE REMOVED FROM RADIO.

R35=1K R28=1K

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SmarTrunk Systems Inc • 23278 Bernhardt St. HAYWARD, CA. 94545 • (510) 887-1950

FAX (510) 887-4011 • E-Mail [technicalsupport@smartrunk.com](mailto:technicalsupport@smartrunk.com)