

TP-38 TO KENWOOD TKR-820 BASE/REPEATER

1

TO + 12 VDC. # 7 ACC. CONN.

2

N/C

3

P.T.T. TO # 8 ACC. CONN.

4

TO DETECTOR # 4 ACC. CONN.

5

GROUND (A-) TO # 11 ACC. CONN

6

REPEAT AUDIO TO # 5 ACC. CONN

7

GROUND TO # 2 ACC. CONN.

8

CTCSS OUT TO # 3 ACC. CONN.

note : ground #1 of ACC. CONN.

NOTE : INSTALL A 1N4148 (OR EQUAL) BETWEEN THE CATHODE CR-3 AND ANODE OF CR-4. (L-1).



ID-8 : CONNECT P.T.T, TO CATHODE OF CR-3 IN TP38 (PTT RELAY)

CONNECT THE TRIGGER AND INHIBIT TOGETHER WITH A 1N4148 TO ID-8 PTT....

CONNECT + & -- TO EACH SIDE OF TP-38 FILTER CAP. (C-43)

CONNECT ID-8 AUDIO OUT TO RESISTOR R-35 AND R-18 NEAR IC U-4 (TP-38)

PROGRAM ID-8 MESSAGE AND TIMERS AS NEEDED, LEAVE TRIGGER AND INHIBIT. AT THE DEFAULTS (TRIG = LO, INHIBIT = LO).