

| PL3 | | PL2 | | PL1 | | SK1 | | SK2 | | SK3 | |
|-----|------------------------|-----|-----------------------------|-----|------------------------|-----|----------------------------|-----|------------------|-----|----------------------------|
| PIN | FUNCTION | PIN | FUNCTION | PIN | FUNCTION | PIN | FUNCTION | PIN | FUNCTION | PIN | FUNCTION |
| 1 | RX LINE 1 | 1 | 13.8V | 1 | RX LINE 1 | 1 | TX KEY | 1 | CHANNEL SELECT 8 | 1 | TX/EX LINE 1 |
| 2 | RX LINE 4 | 2 | 13.8V | 2 | N/C | 2 | PSU ALARM OUT | 2 | 0V | 2 | TX/EX LINE 4 |
| 3 | TX/EX KEY | 3 | N/C | 3 | N/C | 3 | ALARM #3 IN (RX RSSI) | 3 | CHANNEL SELECT 6 | 3 | RX LINE 1 |
| 4 | RX RELAY COMMON | 4 | TX REV PWR ALARM OUTPUT | 4 | RX LINE 4 | 4 | ALARM #2 IN | 4 | CHANNEL SELECT 5 | 4 | RX LINE 4 |
| 5 | RX RELAY NORMALLY OPEN | 5 | RX CTCSS DISABLE | 5 | RX RSSI (SIG STRENGTH) | 5 | ALARM #1 IN | 5 | CHANNEL SELECT 7 | 5 | TX KEY |
| 6 | RX CTCSS DISABLE | 6 | N/C | 6 | RX AUDIO 1 | 6 | N/C | 6 | CHANNEL SELECT 4 | 6 | ALARM #3 OUT (SIG RECEIVE) |
| 7 | PSU ALARM | 7 | RX + TX/EX CHANNEL SELECT 6 | 7 | N/C | 7 | REV PWR ALARM IN | 7 | SPEAKER | 7 | PSU ALARM OUT (LOW VOLTS) |
| 8 | BATTERY ALARM | 8 | RX + TX/EX CHANNEL SELECT 4 | 8 | N/C | 8 | FWD PWR ALARM IN | 8 | CHANNEL SELECT 3 | 8 | REV PWR ALARM OUT |
| 9 | ALARM #1 IN | 9 | RX + TX/EX CHANNEL SELECT 2 | 9 | N/C | 9 | URGENT ALARM OUT | 9 | SPEAKER | 9 | TX ENABLE (TX KEYED) |
| 10 | ALARM #2 IN | 10 | N/C | 10 | PA FWD PWR ALARM | 10 | BATTERY ALARM OUT | 10 | CHANNEL SELECT 2 | 10 | RX GATE |
| 11 | RX RSSI (SIG STRENGTH) | 11 | N/C | 11 | PA REV PWR ALARM | 11 | ALARM #3 OUT (SIG RECEIVE) | 11 | 0V | 11 | FWD PWR ALARM OUT |
| 12 | TX/EX TONE IN | 12 | 0V | 12 | N/C | 12 | ALARM #2 OUT | 12 | CHANNEL SELECT 1 | 12 | 13.8V POSITIVE (FUSED) |
| 13 | 0V NEGATIVE | 13 | 0V | 13 | N/C | 13 | ALARM #1 OUT | 13 | 0V | 13 | URGENT ALARM OUT |
| 14 | RX GATE | 14 | 13.8V | 14 | RX GATE | 14 | REV PWR ALARM OUT | 14 | 13.8V | 14 | BATTERY ALARM OUT |
| 15 | TX LINE 1 | 15 | N/C | 15 | RX RELAY COMMON | 15 | FWD PWR ALARM OUT | 15 | 13.8V | 15 | 0V |
| 16 | TX LINE 4 | 16 | TX FWD PWR ALARM OUTPUT | 16 | RX RELAY NORMALLY OPEN | 16 | N/C | 16 | 13.8V | | |
| 17 | RX INHIBIT | 17 | TX/EX CTCSS DISABLE | 17 | TX/EX KEY | | | | | | |
| 18 | TX CTCSS ENABLE | 18 | RX DISABLE | 18 | TX/EX TONE INPUT | | | | | | |
| 19 | FWD PWR ALARM | 19 | RX + TX/EX CHANNEL SELECT 7 | 19 | RX SPEAKER | | | | | | |
| 20 | REV PWR ALARM | 20 | RX + TX/EX CHANNEL SELECT 5 | 20 | N/C | | | | | | |
| 21 | URGENT ALARM | 21 | RX + TX/EX CHANNEL SELECT 3 | 21 | TX/EX ENABLE | | | | | | |
| 22 | ALARM #1 OUT | 22 | RX + TX/EX CHANNEL SELECT 1 | 22 | TX/EX LINE 4 | | | | | | |
| 23 | ALARM #2 OUT | 23 | RX + TX/EX CHANNEL SELECT 8 | 23 | N/C | | | | | | |
| 24 | RX AUDIO 1 | 24 | N/C | 24 | N/C | | | | | | |
| 25 | 13.8V POSITIVE (FUSED) | 25 | 0V | 25 | TX/EX LINE 1 | | | | | | |



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|--------------|------------------------------|--------------|----------------|-------------|
| 5 | IPN ADDED | AMM | LH | 6/3/01 |
| 4 | Restored functions SK3:6, 10 | AMM | ABB | 6/10/99 |
| 3 | Changed functions SK3:6, 10 | AMM | ABB | 2/6/99 |
| 2 | Add F2/D2 & Tx enable change | AMM | ABB | 4/99 |
| 1 | Original | AMM | ABB | 24/2/99 |
| ISSUE | AMENDMENT | DRAWN | CHECKED | DATE |

FILE: \t800-60-0001 pins.vsd

TITLE: PIN FUNCTIONS OF PERSONALITY BOARD
220 - 01589 - 01
ALARMS(LO) + CHANNEL PANEL

DRAWING: T800-60-0001 **Drawing IPN:** 300-01589-01