

2 INSTALLATION

The B1225 should be mounted in a clean, dry area suitable for electronic equipment. All connections, except for the programming telephone, are made to the compression screw terminals TB1 (power and signals) and TB2 (relay outputs).

The ground terminal is used as the common reference for the alarm inputs, the monitor input, the local acknowledge, and the PTT driver transistor. Unless the balanced line option is used, the transmit and receive audio signals are also referenced to the common ground.

Refer to Figure 1 for wiring instructions.

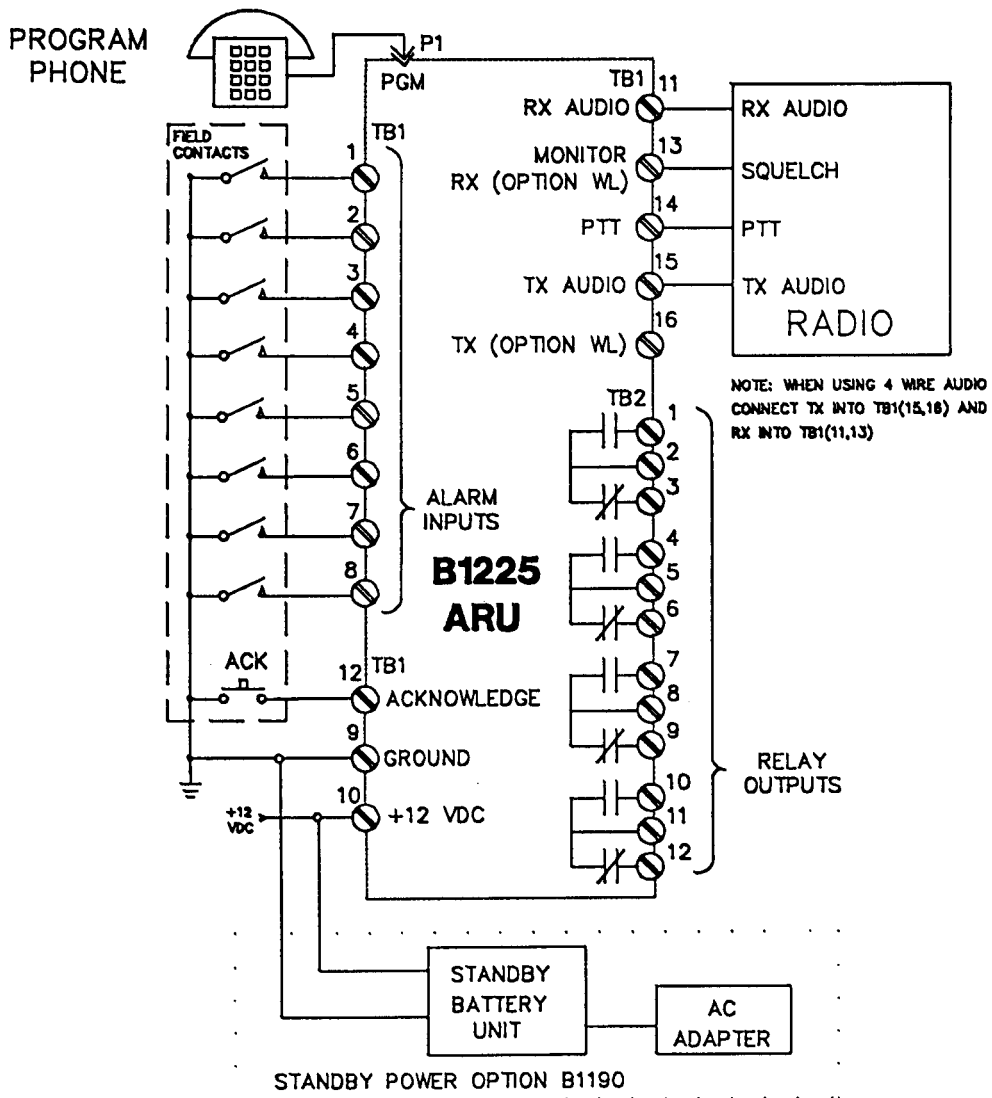


Figure 1 Installation Wiring

POWER TB1-9 Neg. TB1-10 Pos.

The B1225 requires 11 to 16 VDC, negative ground to operate. Typical operating current is 100 mA, but may increase if all relays or LEDs are on. Connect power to the board after all other connections are completed.