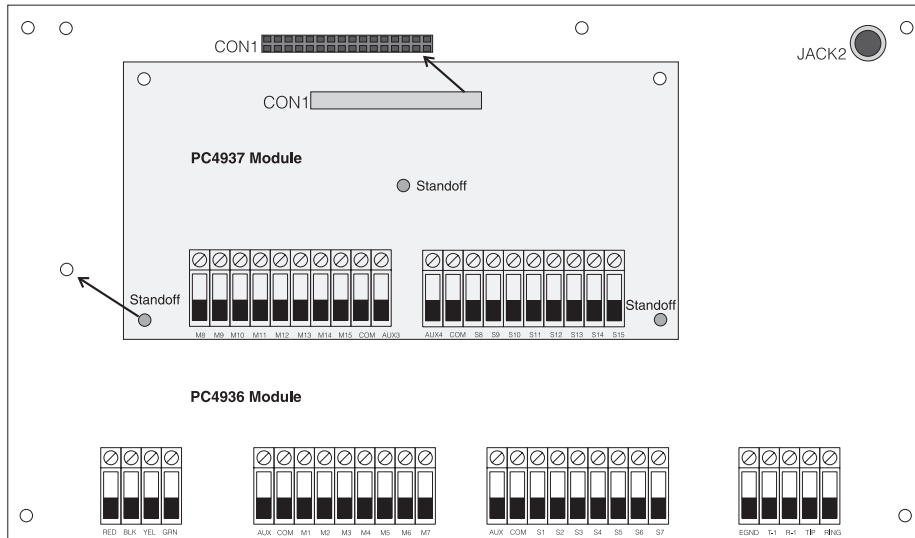# MAXSYS ™

PC4937 Audio Expansion Module

Installation Instructions

1. Introduction

The PC4937 adds 8 audio ports to the PC4936 audio interface module.

2. Specifications

- Current draw: 5 mA
- Connect up to 8 audio stations (interior or exterior)
- Total current providing capability between AUX terminals - 500 mA
- Input impedance at any microphone input - 25kΩ
- Maximum music input signal level amplitude - 200 mV peak to peak

Please refer to the System Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

3. Unpacking

The PC4937 package contains the following parts:

- One PC4937 board
- 3 plastic standoffs

4. Installation

Before beginning to connect the unit, ensure that all power (AC transformer and battery) is disconnected from the control panel and from the PC4936 module.

1. From the back of the PC4936 board, press the three plastic standoffs into the three holes where the PC4937 is to be connected.

2. Align CON1 on the PC4937 with CON1 on the PC4936 board.

3. Press the pins on the back of the PC4937 into CON1 on the PC4936.

4. Press the PC4937 onto the three plastic standoffs on the PC4936 board.

5. Connect up to 8 audio stations to the PC4937 terminals, as described in the PC4936 Installation Manual.

6. Once all wiring is complete, apply power to the control panel. Connect the battery leads to the battery, then connect the AC transformer. For more information on control panel power specifications, see the control panel Installation Manual.

NOTE: Do not connect the power until all wiring is complete.

5. Programming the Audio Interface Module

See your PC4936 Installation Manual for complete programming instructions for the PC4936 and the audio ports.