

984D1, 984D2 Communication Modules

Installation and Wiring

The 984D1 and D2 Communication Modules install in the upper left hand corner of the command processor panel. The two tabs on the left hand side of the 984 plug into slots provided in the inner box. The 984 is then pressed forward until it mates securely with the communication module connector.

Remove AC and battery power from panel before installing or removing a communication module.

Use one or two DMP 356 phone cables to connect the communication module to RJ31X or RJ38X phone jacks. For additional information, refer to the 1812 UL Application Document (LT-0083).

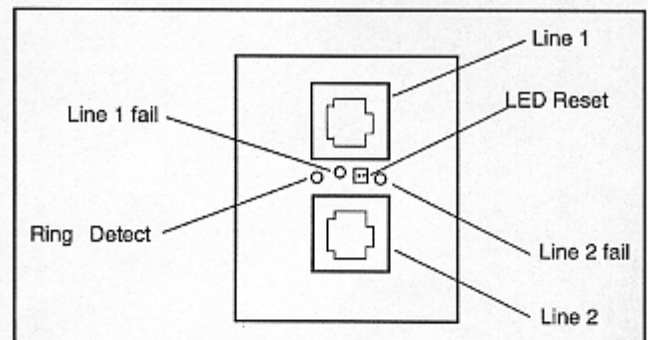
Phone Line Monitor (984D2 only)

The Model 984D2 incorporates a phone line monitor for the main and backup phone lines. To transmit a signal, the 984D2 makes a dialing attempt on the first phone line. If it cannot dial out, it then attempts to use the second phone line.

The yellow wire lead from the 984D2 connects to the right hand side of any loop on the panel. The 1kΩ resistor is not needed. The yellow wire shorts the loop when either phone line is disconnected and restores it when the line is replaced. A 20 second retard is built into the phone line monitor. For a longer time, you can program a delay for the loop. In no case should the total retard exceed 60 seconds.

A phone line failure is indicated by two red LEDs on the 984D2. The LED on the left indicates a failure on line 1 and the right for a failure on line 2. The LEDs turn on at the end of the 20 second retard and are not affected by any additional retard on the monitor loop. The LEDs can be turned off after the phone line is restored by shorting the two LED reset pins.

The monitor loop should be programmed as a supervisory type, with a T message programmed for both the open and short condition. At least one Security Command keypad should be programmed to display supervisory loops in the status list.



Ring Detect

The Model 984D1 and D2 detects ringing on the main phone line. Once detected, the 984 lights a green LED and sends a signal to the panel.

Backup Enable/Disable (984D2 only)

If the 984D2 is used with a single phone line, the backup enable (J8) jumper should be moved to the backup disable (J5) position. Both jumpers are located in the center of the component side of the circuit board.

FCC Instructions to Users

1. Registered terminal equipment must not be repaired by the user. In case of trouble, the device must be immediately unplugged from the telephone jack. The factory warranty provides for repairs.
2. Registered terminal equipment may not be used on party lines or in connection with coin telephones.
3. Notification must be given to the telephone company:
 - a. The particular line(s) to which the service is connected.
 - b. The FCC Registration Number: CCK8GW-68626-AL-R
 - c. The Ringer Equivalence: 0.0B.
 - d. Make, model, and serial number (or date of manufacture) of the device.