

893A Dual Phone Line Module

Description

The 893A is a dual telephone line supervision module that allows DMP Panels to indicate a phone line failure to the premises and central station, and switch to secondary phone line communication when the primary line is down.

Compatibility

The 893A is compatible with XR100/XR500 and XR150/XR350/XR550 Series Panels.

Phone Line Monitor

The 893A uses a phone line monitor for the main and backup phone lines. Before sending a report, the 893A verifies that the main phone line is working. If the line is bad, the module tests the backup phone line. The 893A sends the report on the first working phone line.

The phone line monitor has a two-minute trouble delay and a one-minute restore delay. Phone line trouble is displayed in the keypad Status List as a System Trouble. At least one keypad on the system must be programmed to display system troubles in the Status List.

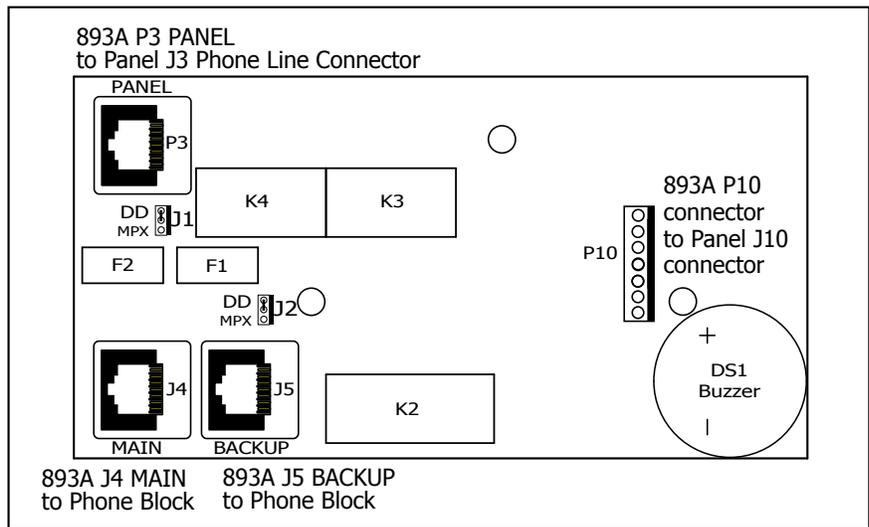


Figure 1: 893A Layout

Two Line Digital Dialer

You can configure the 893A to provide two lines of digital dialer for XR100/XR500 and XR150/XR350/XR550 Series panels. The MAIN modular jack is used for the primary dialer. The BACKUP modular jack is used for the secondary digital dialer line.

CAUTION - To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord, such as DMP Model 356 Series Phone Cords.

Processor Fail Buzzer

The 893A Module also monitors the panel CPU and sounds a trouble buzzer whenever the panel processor is reset using J16 or the processor stops functioning. The 893A Module also monitors the keypad bus and sounds a trouble buzzer whenever the keypad bus fails to operate.

Jumper Settings

There are two sets of jumpers on the 893A Module. For Digital Dialer, set **both** jumpers, J1 and J2, to DD. Refer to Figure 1 for jumper locations.

Installation

The wires needed to connect the 893A are included.



Ground Yourself Before Handling the Panel! Touch any grounded metal, such as the enclosure, before touching the panel to discharge static.

Remove All Power From the Panel! Remove all AC and Battery power from the panel before installing or connecting any modules, cards, or wires to the panel.

893A Installation

The 893A Module snaps into one of the enclosure 3-hole mounting locations and connects to any compatible panel using an 18-inch, 7-conductor harness and a 2-foot phone cord. Follow the instructions below to install the 893A:

1. Mount the plastic standoffs to the enclosure three-hole mounting locations using three Phillips head screws.
2. Insert the screws from the enclosure outside through the holes and into the plastic standoff that mounts on the enclosure inside and tighten.
3. After securing the standoffs onto the enclosure, gently snap the 893A onto the standoffs.
4. Using the supplied 7-wire harness, connect 893A connector P10 to the panel J10 connector.
5. Using the supplied phone cord, connect the 893A modular connector labeled PANEL to the panel J3 modular connector.
6. Connect the main and backup phone lines to the MAIN and BACKUP modular connectors on the 893A.

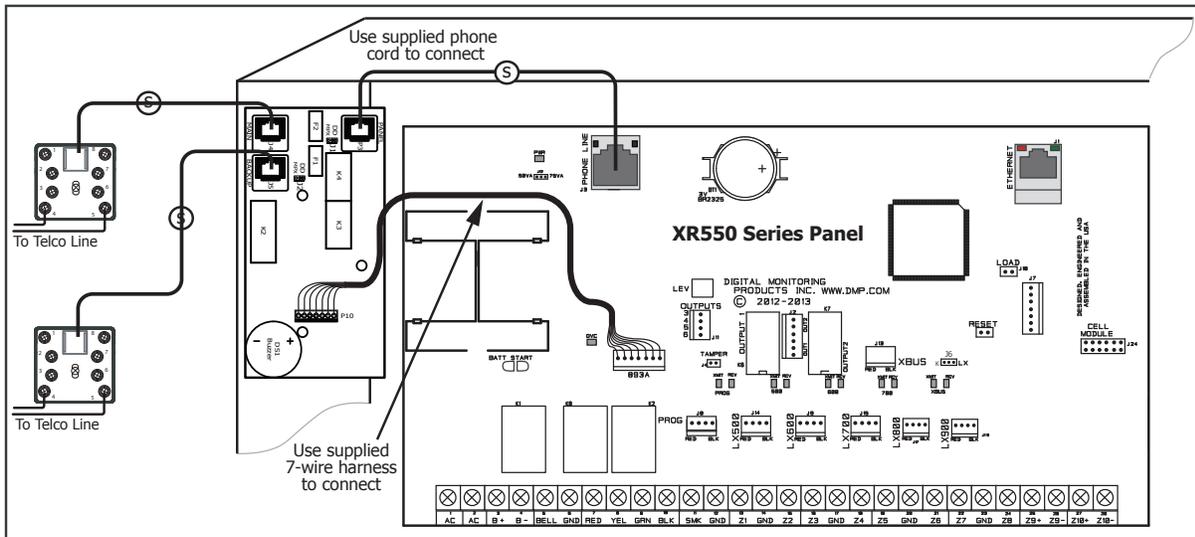


Figure 3: 893A with RJ and 7-wire Harness Connections

Specifications	Operating Voltage 12 VDC from the panel Current Draw 35.5mA Normal Operation 110mA Processor Fail Buzzer On	Certifications	FCC Part 15 FCC Part 68 Registration ID CCKUSA-18660-AL-R California State Fire Marshal (CSFM) New York City (FDNY COA #6167) UL 864 Fire-Protective Signaling Systems
The maximum telephone line impedance is 100 Ohms.	Compatible Panels XR100/XR500 and XR150/XR350/XR550 Series Panels		
	800-641-4282	INTRUSION • FIRE • ACCESS • NETWORKS	
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Designed, Engineered and Assembled in U.S.A.	Springfield, Missouri 65803-8877		