

## Z950 SECURITY SYSTEM CONTROL



- **Innovative false alarm reduction features:**
  - **cross-zoning**
  - **single zone verification**
  - **extended exit delay**
  - **auto interior off**
  - **programmable delay before dialing**
- **8 supervised zones; 8 user codes; 8 levels of authority**
- **20 event memory capacity**
- **System load battery test**
- **900 milliamp continuous auxiliary power**
- **PTC self restoring circuit breakers**

The innovative false alarm reduction features of the **Moose Z950 System Control** gives you the highest level of security for small to mid-sized installations. With *Cross-zoning*, zones interact to confirm an intruder before sounding an alarm. The *Single Zone Verification* feature allows you to program a zone for self-verification. *Extended Exit Delay* gives users a second chance to exit a building after the programmed exit delay time expires. *Delay Before Dialing* gives the user ample time to turn off the system when an alarm occurs before the dialer starts dialing. *Auto Interior Off* allows the perimeter to be armed while automatically bypassing the interior.

With a 900 milliamp continuous auxiliary power supply, the Z950 has almost twice the power of the competition. Its dynamic, system load battery test automatically notifies you when the battery voltage drops below 11.2 VDC. Self-restoring circuit breakers help reduce service calls. Enhanced lightning and transient suppression make for a more reliable system. And optional faster dial methods speed up communications with the central station.

A dialer test and local bell test have been provided for the end user. This increases user confidence that the system will communicate with the central station and that the siren will sound when it's needed.

# Moose Z950 Security System Control

Four programmable outputs ensure flexibility of installation. For ease of programming, the Z950 can be uploaded/downloaded via a computer and modem. Eight user codes with authority levels give you the ability to program and control who uses the system and to what degree. The 20 event history buffer provides recall of the last 20 system events for the service technician.

With the Z950, you can choose from four user-friendly keypads. The Z800IC is a fixed icon keypad with easy-to-read text. The Z800ST offers prompted programming with English language text in an LCD keypad. The Z800R8 LED offers straightforward simplicity for up to eight zones. And the Z800RE LED keypad offers a larger housing with backlit keys and pull out zone locator.

## Specifications:

### Environmental Limits

Operational temperatures .... +32°F to +122°F (+0°C to +50°C)

### Enclosure

Twenty gauge metal cabinet with knockout for optional camlock.

### Electrical

16.5 VAC, 35 VA transformer input

Recommended Battery .. Rechargeable 12 V, 4 Amp-hour or 12 V, 7 Amp-hour sealed lead acid battery

13.8 VDC, 900 milliamps continuous output, 1.6A under alarm conditions.

Automatic system shutdown if voltage falls below 7.5 V

Current consumption ..... 42 milliamps nominal (panel only)

### Features

Reporting formats ..... 3 x 1, 4 x 2, Modem IIe®

Separate duress code

Two different programmable entry times

Two digit arming

### Dimensions

Metal Enclosure ..... 10" (254 mm) H

2.875" (73.02 mm) D

9" (228.6 mm) W

Keypads (Z800ST, Z800IC, Z800R8) ..... 5" (127 mm) H

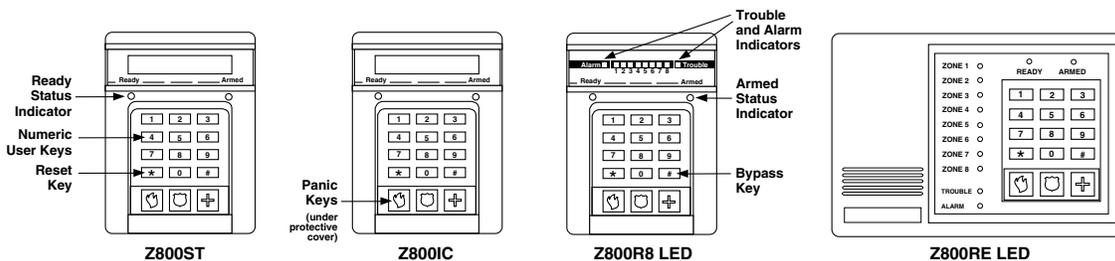
3.75" (95.25 mm) W

(Z800RE) ..... 4.5" (114.30 mm) H

6.8" (172.72 mm) W

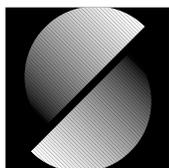
Listings ..... UL 985, UL 1023, CSFM

## Z950 Series Keypads



## Ordering Information

Model Number	Definition
Z950	Control and Transformer
Z950RE	Total Package including Control, Z800RE LED Keypad, and Transformer
Z800R8	Optional LED Remote Keypad
Z800IC	Optional Icon Control Station
Z800ST, Z800STS	Optional LCD Security Keypad (Z800STS – Spanish language version)
Z800RE	Optional LED Remote Keypad, fits 1,2, or 3 gang electrical box
MPI-267	Power Disconnect Module, with low battery cut-off, UL listed
Z229e	Output Expansion Module, provides 10 additional outputs
Transport-PC	Optional Upload/Download software package
Z232 Relay/Ground Start Module	Optional module for use with Ground Start phone lines
MPI-266 Low Battery Cutoff Module	Automatically disconnects battery to prevent deep discharge if battery voltage drops below 7.5 V
MPI-206 Relay Module	Use for additional Form C relay outputs
RJ38 Cord	Double male Telco cord with supervisory tamper leads
B-1260	12VDC, 7 Ah Battery
EAPD1000	Large metal enclosure, 14" x 14" x 3.5", with cam lock



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