



M1EZ8

Security & Automation Controls

The M1EZ8 Security and Automation Control System combines security, energy management, and integrated control solutions to provide comfort, convenience and simplicity.



Security and Safety

M1EZ8 provides peace of mind with comprehensive detection and reporting capabilities to protect what matters most. Easy system expansion and support for wireless sensors ensure M1EZ8 is the right fit today and in the future.



Flexible and Integration Friendly

Choose the system that uses smart features like occupancy detection, environmental conditions and a built-in astronomical clock to manage and control lights, thermostats, water valves, garage doors, gates and more.



Convenient Interfaces

With timely access to information and simple, user-friendly interfaces, M1EZ8 keeps you informed and in control. It's easy to access the system from anywhere with popular smart devices. No monthly fees required!

| Kit Part Number | Description |
|-----------------|---|
| ELK-M1EZ8KB | M1EZ8 Control, M1KP Keypad, Battery, Transformer, Speaker, Telco Jack, and 12" Can |
| ELK-M1EZ8KBS | M1EZ8 Control, M1KP2 Keypad, Battery, Transformer, Speaker, Telco Jack, and 12" Can |



Securing & Simplifying Life

(800) 797-9355
www.elkproducts.com

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Key Features & Specifications

General:

- Large zone capacity: 8 on-board zones expandable to 200.
- Over 30 zone definitions for burglary, fire, life safety, automation, and more.
- Wireless capability: Up to 144 zones; supports multiple wireless receivers for increased coverage area
- Flash Memory - Allows field updates to firmware electronically
- Time/Date stamped 512 event history log
- Menu driven, text keypad programming
- English-language menus & system status messages from variety of keypad models/styles
- 12 On-Board Outputs: 1 siren driver/voltage, 1 form "C" Relay, and 10 low current (10 mA) voltage outputs
- Total Number of Outputs Supported: 204
- Supports 4 wire (any zone) and 2 wire (zone 8) smoke detectors
- Includes Fire alarm verification routine
- Can be partitioned into 8 areas and account numbers
- User Codes: 199 (4 or 6 digit) with assignable authority levels
- Access control for up to 16 points, with support for 26-bit Wiegand access readers/keypads
- Arm levels: Away, Stay, Stay Instant, Night, Night Instant, Vacation
- 2 Programmable entry/exit delay times
- Hardware "watchdog" and nonvolatile EEPROM memory
- Supervised phone line and alarm output
- Optional ELK-M1EZ8MSI serial port interface provides connection for programming (PC) and automation/networking integration (up to 115,200 baud)
- ELKRP2 PC programming software with conflict resolution to easily highlight differences between control and PC
- Connect via Dial-up, Optional RS232 port, or Opt. Ethernet
- Heavy Duty Power Supply- 2.5 Amp in alarm w/ 1 Amp continuous
- Dynamic battery test, Zone Voltage Display and Voltmeter
- PTC (fuseless) resettable overload protection

Communications

- Communicator formats: Contact ID, SIA FSK, Pulsed 4 + 2, and DTMF Pager
- Optional Ethernet interface for IP reporting, system programming, and remote control from PCs, web browsers, smart phone, tablets, etc.
- Phone Number Capacity: Up to 8 (eight) 20-Digit telephone numbers

- Provides reporting for a variety of events including:
 - Opening/closing by user
 - Alarms, restores bypasses and troubles by zone
 - AC failure with programmable report delay
 - Telephone line fault/cut with programmable delay
- Supports optional cellular communicators

Keypads

- Keypad options include touchscreens, LCD keypads, and arming stations
- Menu navigation and quick arming keys
- 4 to 6 programmable function keys for panic alarms, automation tasks, etc.
- Plug-in connector, only 4 wires to the control
- Alternate area menu allows monitoring and control of total system from one keypad
- Touchscreen and LCD keypads feature one zone input and one 12VDC, 50mA output
- Programmable display of time, date and area name
- Displays system diagnostics and settings.
- Maximum Keypads allowed: 16
- Display reading from temperature sensors and thermostats

Automation & Integration

- Create lifestyle enhancing comfort, convenience, and security
- Powerful "Whenever/And/Then" RULES Programming allows almost any imaginable operation.
 - No need to chain rules together.
 - Any single "Whenever" event can have one or more ANDs and THENs (conditions and commands).
 - Rules utilize easy to understand text based references
 - Total number of Rules Supported: 528
- Compatible with products from over 40 integration partners for automation and control of lighting, thermostats, locks, shade/blinds, and more.
- Sunset/Sunrise calculation and activation
- Control lighting using RS-232 serial or 2-way Power Line Control (PLC) ports including On, Off, Dim, All On, All Off commands
- Transmit and receive custom serial ASCII strings
- Read up to 16 zone temperature sensors
- Total thermostats supported: 16, hardwired and wireless options available

Keypad Options



ELK-M1KPNV
Navigator
Touch Screen Keypad



ELK-M1KP
LCD Keypad



ELK-M1KPB
LCD Keypad



ELK-M1KP2
LCD Keypad



ELK-M1KP3
LCD Keypad



ELK-M1KPAS
Arming Station

Wireless Sensors

Compatible with ELK's Full Line of Two-Way Wireless Sensors (use ELK-M1XRFTW Wireless Transceiver)



ELK-6010
Keyfob



ELK-6011
Panic Button



ELK-6020(BR)
Slimline Door &
Window Sensor



ELK-6021
Mini Window
Sensor



ELK-6022
Universal 3-Zone
Sensor



ELK-6023(BR)
Recessed Door
Contact



ELK-6030(P)
PIR Motion
Sensor



ELK-6040
Glassbreak
Sensor



ELK-6050
Sound All™
Smoke Detector



For more information, including a complete listing of products in the M1 family, please visit www.elkproducts.com