



# M1 Gold

## Security & Automation Controls

The M1 Gold Security and Automation Control System combines security, energy management, and integrated control solutions to provide comfort, convenience and simplicity.



### *Security and Safety*

M1 Gold gives you peace of mind with comprehensive detection and reporting capabilities to protect what matters most. Easy system expansion and support for wireless sensors ensure M1 Gold 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, M1 Gold keeps you informed and in control. It's easy to access your system from anywhere with your favorite smart devices. No monthly fees required!

Kit Part Number	Description
ELK-M1GSYS4	M1 Gold Control, M1KP Keypad, Battery, Transformer, Speaker, Telco Jack, Surge Protector, and 14" Can
ELK-M1GSYS4S	M1 Gold Control, M1KP2 Keypad, Battery, Transformer, Speaker, Telco Jack, Surge Protector, and 14" Can
ELK-M1GSYS4STW	M1 Gold Control, M1KP2 Keypad, 2-Way Tranceiver, 4 Button Keyfob, Battery, Transformer, Speaker, Telco Jack, Surge Protector, and 14" Can
ELK-M1GSYS3	M1 Gold Control, Battery, Transformer, Speaker, Telco Jack, Surge Protector, and 14" Can (No Keypad Included)
ELK-M1GK	M1 Gold Control, M1KP Keypad, Battery, Transformer, Speaker, Telco Jack, and Surge Protector (No Can Included)
ELK-M1GKS	M1 Gold Control, M1KP2 Keypad, Battery, Transformer, Speaker, Telco Jack, and Surge Protector (No Can Included)



*Securing & Simplifying Life*

(800) 797-9355  
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# M1 Gold Security & Automation Controls

## Key Features & Specifications

### General:

- Large zone capacity: 16 on-board zones expandable to 208.
- 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
- Two Way Listen-in interface
- 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
- 13 On-Board Outputs: 1 voice/siren, 1 siren driver/voltage, 1 form "C" Relay, and 10 low current (50 mA) voltage outputs
- Total Number of Outputs Supported: 205
- Supports 4 wire (any zone) and 2 wire (zone 16) 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, alarm output, and aux. overcurrent
- On-board serial (RS232) port 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, RS232 port, or Optional Ethernet
- Heavy Duty Power Supply- 2.5 Amp in alarm w/ 1 Amp continuous
- Master power switch and Low battery disconnect
- Dynamic battery test, Zone Voltage Display and Volt/Current Meter
- PTC (fuseless) resettable overload protection
- Multiple auxiliary power terminals

### 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](http://www.elkproducts.com)