

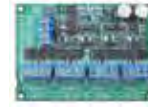
# Integration & Expansion at a Glance



## Data Bus Hub Options



**ELK-M1DBH**  
Cat5e/Cat6 Wiring



**ELK-M1DBHR**  
4 Conductor Wiring

## Remote Control



**ELK-M1XEP**  
Ethernet Interface

## Hardwired Input Expansion



**ELK-M1XIN**  
16 Zone Hardwired  
Input Expander

## Wireless Expansion Options



**ELK-M1XRFTW**  
Wireless Transceiver for  
ELK Two-Way  
Wireless Sensors



**ELK-6010**  
Keyfob



**ELK-6030(P)**  
PIR Motion  
Sensor



**ELK-6050**  
Sound All™  
Smoke Detector



**ELK-6011**  
Panic Button



**ELK-6020**  
Slimline Door &  
Window Sensor



**ELK-6022**  
Universal 3-Zone  
Sensor



**ELK-6021**  
Mini Window  
Sensor



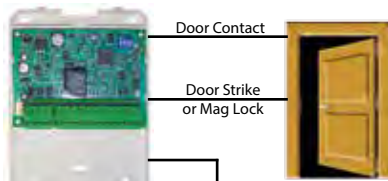
**ELK-6040**  
Glassbreak  
Sensor

**ELK-M1XRF2H**  
Wireless Receiver for  
Honeywell 5800 Series  
One-Way Transmitters

**ELK-M1XRFEG**  
Wireless Receiver for  
GE/ITI Format  
One-Way Transmitters

See wireless receiver specifications for information on compatible sensors.

## Access Control



**ELK-M1KAM**  
Single Door  
Access Module



**ELK-106055**  
Prox Reader

## Output Expansion

Control a variety of devices including:



Garage Doors



Pumps/Valves



**ELK-M1XOVR**  
Output Expander



Gates



Sprinkler Systems



Shades/Blinds

For more details on integration and expansion, including manuals and hookup diagrams, please visit [www.elkproducts.com](http://www.elkproducts.com)



### M1 Wireless Receiver for GE Format Transmitters

Wireless (RF) receiver and input expander for use with M1 controls.

- Adds up to 144 individual wireless zones (sensors/points)
- **Compatible with GE Format one way transmitters only**
- Operates from 4 wire data bus
- Multiple receivers may be connected to a single M1 or M1EZ8 Control for redundancy or greater coverage
- Flash memory for firmware updating
- Sensitivity: >105 dbm
- Operating Temperature: 0 to +120 degrees F
- Operating Voltage: 12 Volts DC
- Current Draw: 70mA
- Housing Dimensions: 6.75" x 4.69" x 1.13"



### M1 Wireless Receiver for Honeywell 5800 Series Transmitters

Wireless (RF) receiver and input expander for use with M1 controls.

- Adds up to 144 individual wireless zones (sensors/points)
- **Compatible with Honeywell 5800 Series one way transmitters only**
- Operates from the 4 wire data bus
- Multiple receivers may be connected to a single M1 or M1EZ8 Control for redundancy or greater coverage
- Flash memory for firmware updating
- Sensitivity: >105 dbm
- Operating Temperature: 0 to +120 degrees F
- Operating Voltage: 12 Volts DC
- Current Draw: 70mA
- Housing Dimensions: 6.75" x 4.69" x 1.13"



### M1 16 Zone Input Expander

Adds 16 hardwired zones (with or without EOL resistor supervised) to the M1 Controls. Up to 12 may be added, increasing the M1Gold to 208 and the M1EZ8 to 200 total zones (inputs)

- Operates from 4-wire data bus.
- Dip Switch address settings
- Flash Memory for firmware updating
- Plug-in terminal strips
- Status and diagnostic LED
- Operating Power Range: 9 to 14VDC
- Current Draw: 65mA
- Size: 6" x 3.25" x .75"
- Includes ELK-SWG for easy mounting in ELK enclosure



### M1 16 Output Expander, 8 Voltage & 8 Relays

Adds 16 outputs (8 voltage, 8 relays) to M1 Controls. Voltages can be used to trigger low current devices (50 mA max. each). Operates from 4-wire data bus. Up to 12 output expanders may be used for a total of 205 outputs. Option: convert 8 voltage outputs to relays using M1RB Relay Board.

- Operates on the 4 wire Data Bus
- Up to 12 Output Expanders may be added
- DIP Switch address settings
- Flash Memory for Firmware Updating
- Includes 12 conductor "Flying Lead" Wiring Harness
- Status LED with Diagnostic Display
- Relays: SPDT rated for 7A @ 28VDC, 10A @ 125 VAC
- Voltage Outputs: 12VDC @ 50mA each
- Operating Power Range: 9 to 14VDC
- Current Draw 65mA Nom., 330 mA Max.
- Size: 6" x 3.25" x .75"
- Includes ELK-SWG for easy mounting in ELK enclosure



### M1 Relay Board, Plug-in

Used to convert the voltage outputs of M1 Controls into SPDT relays.

- Provides 8 Relay Outputs
- Plugs directly into M1 Controls or ELK-M1XOVR
- Includes ELK-SWG for easy mounting in ELK enclosure
- Relay Contact Ratings: 7A @ 28VDC, 10A @ 125VAC
- Wire harness length: 24"
- Current draw: 0mA Idle, 250mA Max.
- Size: 6" x 3.25" x .75"