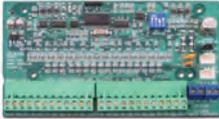


EXPAND

Hardwired Input Expansion



ELK-M1XIN
16 Zone Hardwired
Input Expander

Output Expansion



ELK-M1XOVR
Output Expander

Control a variety of devices including:



Wireless Expansion Options

Two-Way Wireless



ELK-M1XRFTW
Transceiver for ELK
Two-Way Sensors



ELK-6010
Keyfob



ELK-6011
Panic Button



ELK-6020(BR)
Slimline Door &
Window Sensor



ELK-6021(BR)
Mini Window
Sensor



ELK-6022
Universal 3-Zone
Sensor



ELK-6023(BR)
Recessed Door
Contact



ELK-6030(P)
PIR Motion
Sensor



ELK-6032
Outdoor Motion
Sensor



ELK-6040
Glassbreak
Sensor



ELK-6050
Sound All™
Smoke Detector

Other Wireless Options



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



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

See wireless receiver specifications for information on compatible sensors.

AUTOMATE

Lighting Control Options



ELK-M1PCSPIM
UPB Interface
For Pulsewrx and
Simply Automated



ELK-M1XSP
Lighting Interface
For CentraLite and ALC
Lighting Systems



ELK-M1XEP
Ethernet Interface
For IP based lighting
systems from Insteon/
Universal Devices



ELK-M1XSP
Thermostat Interface

Allows M1 to control
hardwired thermostats
from Aprilaire, RCS,
Leviton and Carrier

Hardwired Thermostat Control

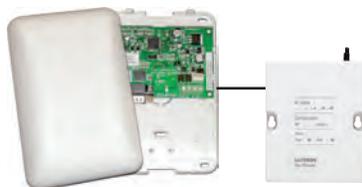
Multi-Device Control Options



ELK-M1XSLZW
Leviton Z-Wave
Interface

Leviton
VRCOP-1LW

Allows M1 to control Leviton and
other Z-Wave devices including
lights, thermostats, and locks



ELK-M1XSLU
Lutron RadioRA 2
Interface

Lutron RadioRA 2
Main Repeater

Allows M1 to control Lutron
RadioRA 2 Devices including
lights, thermostats, and shades



ELK-M1XSLC
Lutron Caséta
Interface Kit

Lutron Caséta
Smartbridge Pro

Allows M1 to control Lutron
Caséta Devices including
lights and shades

Hardwired Input & Output Expansion



ELK-M1XIN



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
- RoHS Compliant
- 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



ELK-M1XOVR



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 from 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 and diagnostic LED
- RoHS Compliant
- 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



ELK-M1RB



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
- LED Status Indicators on all 8 Relays
- Relay Contact Ratings: 7A @ 28VDC, 10A @ 125VAC
- Wire harness length: 24"
- Current draw: 0mA Idle, 250mA Max.
- Size: 6" x 3.25" x .75"
- RoHS Compliant

Data Bus Hubs



ELK-M1DBH



M1 Data Bus Hub

For easy connection of expanders & keypads. The M1DBH accepts up to 9 RJ45 equipped CAT5 or CAT6 cables, and series connects the data A & B lines so the data bus may be terminated properly.

- Designed for multiple home run cables
- Internally connects Data A & B lines from previous device into next device out
- Multiple Hubs may be connected for expansion
- EOL Bus Termination done on-board with included RJ-45 Terminator Plug
- Input Connectors: Elevator Screw Terminals
- Output Connections: RJ-45, 8-Pin Jacks
- Includes ELK-SWP3 Mounting Plate
- Circuit Board Size: 5" x 2.5" x .75"
- Easily snaps into Elk enclosure
- RoHS Compliant



ELK-M1DBHR



M1 Data Bus Hub for Retrofit

Active RS-485 data bus hub for retrofitting older panels with multiple home run, 4 conductor keypad/ data wires with M1 Controls. The end of each cable is EOL terminated to insure proper operation and supervision. Must be located at main control.

- Splits main data bus into 4 managed RS-485 branches.
- Each branch can have 2 parallel home run cables for total of 8 home runs
- Works with standard 4 conductor home run wiring
- Inputs: Elevator Screw Terminals (4 position)
- Output: Elevator Screw Terminals (4 position)
- Includes ELK-SWG for easy mounting in ELK enclosure
- Circuit Board Size: 4.9" x 2.75" x .5"
- RoHS Compliant



ELK-SWG

Circuit Board Glides

For mounting ELK-M1 expansion boards or other manufacturer's boards into the Elk structured wiring enclosures

- Vertical Mounting
- Includes mounting screws
- Size: 2 7/8" D
- RoHS Compliant



A GREAT SPACE SAVING OPTION FOR MOUNTING M1 EXPANSION MODULES!



ELK-SWP3

3" Multi-purpose Adapter Plate

Convenient, multi-purpose plate adapts peripherals, expansion boards, devices, etc. to fit Elk structured wiring enclosures

- Mounts into Elk structured wiring enclosures or on SWR rails
- Size: 6.5"W x 3"H x .5"D
- RoHS Compliant



ACCOMMODATES MANY M1 EXPANSION MODULES!



ELK-SWP4

4" Multi-purpose Adapter Plate

Ideal for most ELK circuit boards! Convenient, multi-purpose plate adapts peripherals, expansion boards, devices, etc. to fit Elk structured wiring enclosures

- Mounts into Elk structured wiring enclosures or on SWR rails
- Size: 6.44"W x 4"H x .5"D
- RoHS Compliant



OUR MOST VERSATILE MOUNTING PLATE!

Reference Guide for ELK Structured Wiring Mounting Accessories

Part Number	ELK-SWG	ELK-SWP3	ELK-SWP4
ELK-100	✓		✓
ELK-101			✓
ELK-110	✓	✓	✓
ELK-120		✓	✓
ELK-124			✓
ELK-129			✓
ELK-800			✓
ELK-930			✓
ELK-941	✓		✓
ELK-950			✓
ELK-951			✓
ELK-955			✓
ELK-960			✓
ELK-964B20			✓
ELK-965			✓
ELK-M1DBH		INCLUDED	
ELK-M1DBHR	INCLUDED		✓
ELK-M1EZ8MSI			✓
ELK-M1KAM	✓	✓	✓
ELK-M1RB	INCLUDED	✓	✓

Part Number	ELK-SWG	ELK-SWP3	ELK-SWP4
ELK-M1TWA			✓
ELK-M1TWI			✓
ELK-M1XEP	✓	✓	✓
ELK-M1XIN	INCLUDED	✓	✓
ELK-M1XOVR	INCLUDED	✓	✓
ELK-M1XSLU	✓		✓
ELK-M1XSLZW	✓		✓
ELK-M1XSP	✓	✓	✓
ELK-M1ZTS			✓
ELK-M1ZTSR			✓
ELK-MB485			✓
ELK-MM220			✓
ELK-MM443			✓
ELK-P1215			✓
ELK-P212S		INCLUDED	✓
ELK-P624			✓
ELK-PB1			✓
ELK-PD405P			✓
ELK-PD9	✓		✓
ELK-PD9HC	✓		✓