**ELK-M1Gold Listing & Certifications**

The ELK M1Gold Control currently holds the following listings, i.e. certifications or approvals:

• UL Standard 985, Household Fire Warning System Units
• UL Standard 1023, Household Burglar-Alarm System Units
• UL Standard 1635, Digital Alarm Communicator System Units,
• UL Standard 1637, Home Health Care Signaling Equipment
• ULC C1023-74, Canadian Standard for Household Burglar Alarm System Units,
• ULC S545-02, Canadian Standard for Residential Fire Warning System Control Units.
• UL Standard 1610, Central-Station Burglar-Alarm Units
• UL Standard 365, Police Station Connected Burglar Alarm Units and Systems
• UL Standard 609, Local Burglar Alarm Units and Systems
• ULC S303, Canadian Standard for Local Burglar Alarm Units and Systems
• ULC S304, Canadian Standard for Central and Monitoring Station Burglar Alarm Units
• CSA C22.2 No. 205-M1983 . Canadian Standard for Signal Equipment
• CSFM California State Fire Marshall  -  To download CSFM documentation, go to [osfm.fire.ca.gov/](https://osfm.fire.ca.gov/divisions/fire-engineering-and-investigations/building-materials-listing/bml-search-building-materials-listing/) and search for ELK Products in the Company category

**MINIMUM SYSTEM CONFIGURATIONS FOR UL INSTALLATIONS**

**Household Burglary (UL 1023), Household Fire (UL 985), Digital Alarm Communicator (UL 1635) Listed Installations**
• At least one compatible keypad is needed for all applications.
• At least one bell fixture is required for all applications.
• Household Burg requires 4 hours of standby power. Limit combined continuous current draw from terminals +SAUX,
+VAUX, +VKP, and connector J16 to 1 Amp max. and use one (1) 8 Ah battery.
• Household Fire/Home Health Care requires 24 hours of standby power. Limit combined continuous current draw from
terminals +SAUX, +VAUX, +VKP, and connector J16 to 500 mA and use two (2) 8 Ah batteries in parallel.
• Force Arming and Auto Arming shall not be enabled
• For Household Fire Listed Installations the indicating devices shall be a Wheelock 34T-12 or equivalent.
• Initiating and indicating devices must be rated at 11.5 to 12.4 VDC.
• For Household applications the minimum alarm cutoff time for the audible devices shall be 5 minutes.
• Zone Swinger Shutdown shall not be enabled.
• Remote Downloading shall not be used on UL Listed systems.
• Communicator Dial Delay time shall be set to .0..
• For Household Burg Listed Installations the maximum entry delay time shall be 45 seconds and the max. exit delay time
shall be 60 seconds.
• 24-hour communicator test transmission is required.
• The silent keypad option shall not be enabled.

**Home Health Care (UL 1637) Listed Installations**
Requirements described under UL985 plus:
• A minimum of two (2) keypads are required with one keypad powered from .+VKP. and one keypad powered from .+VAUX..

**Commercial - Central Station (UL 1610), Police Station Connected (UL 365),Local Burglar Alarm (UL 609)
Listed Installations**
Requirements described under UL1023 plus:
• The Alarm Cutoff timer must be set to 00900 sec. (15 min.) or greater.
• UL Commercial Burg requires 4 hours of standby power. Limit combined continuous current draw from terminals +SAUX,
+VAUX, +VKP, and connector J16 to 450 mA max. and use one (1) 8 Ah battery.
• An acceptable Commercial enclosure must be used (see Listed Enclosures below)
• Tamper Switch(s) must be installed on the enclosure and connected to a 24 hour Burg Tamper defined Zone.
• All Keypads need to be installed within the protected area (they have no tamper)
• DO NOT USE an A B Attack Cabinet for the external sounder
• A Whenever/And/Then rule should be written (using ElkRP software) to enable the Output 2 Siren to .chirp.
upon closing ringback.

**UL Canada Listed Installations (ULC S304 and ULC S303)**
Requirements described under UL1023, 1610 plus:
• Entry Delay must be set to 60 seconds or less.
• Exit Delay must be set to 120 seconds or less.
• The Alarm Cutoff timer must be set to 00900 sec. (15 min.) or greater.
• UL Canada Commercial Burg requires 24 hours of standby power. Limit combined continuous current draw from terminals
+SAUX, +VAUX, +VKP, and connector J16 is 450 mA max. and use two (2) 8 Ah batteries in parallel.
• Zone Expanders must be in an acceptable Commercial enclosure (see Listed Enclosures below)

**LISTED ENCLOSURES:**

**For Household Burglar or Household Fire Listed Installations**
One of the following enclosures must be used:
• ELK 14. Enclosure model ELK-SWB14 or ELK-UB14
• ELK 28. Enclosure model ELK-SWB28
• OnQ Legrand 14. Enclosure models 363474-01or 363474-11 utilizing the Universal Mounting plate part no. 364453.
Not LISTED FOR CANADA
• OnQ Legrand 28. Enclosure models 363475-01, 363475-11, 364591-01, 364591-02 or364591-11 utilizing the Universal
Mounting plate part no. 364453. Not LISTED FOR CANADA
• OnQ Legrand 42. Enclosure models 363476-01,363476-11,364592-01, 364592-02, or 364592-11 utilizing the Universal
Mounting plate part no. 364453. Not LISTED FOR CANADA

**For Commercial Listed Installations**
One of the following enclosures must be used:
• ELK-TB14 Tamper Resistant Enclosure
• GE .Caddx. NX003-C with an ELK-61205684 Mounting Adapter Plate (See diagrams in M1 Installation Manual)