

## Delivering unsurpassed power and versatility

**C**apable of handling 72 zones, while partitioning up to eight separate sub-systems, the XL-4 is perfect for any home, apartment or business. Hardwired for eight zones, the XL-4 also supports a two-wire multiplex buss expansion, which is capable of handling an additional 64 zones. A new, fuseless design eliminates unnecessary service calls. And, with powerful features like a 128-event systems log, 64 user codes and seven authorization levels, the XL-4 gives you the flexibility you need to meet the most demanding applications.



*With 72 zones and eight partitions, the XL-4 is like having eight security systems in one.*

### Standard Features:

- ◆ Eight zone EEPROM Control/Communicator
- ◆ Hardwire or multiplex expansion capability
- ◆ 72 zone capacity through multiplex expansion
- ◆ Partitioning (up to eight separate subsystems)
- ◆ Zone grouping capability within partitions
- ◆ 64 user codes with seven authorization level by user code
- ◆ Keypad and remote programming
- ◆ Upload/download/remote commands with answering machine override
- ◆ Choice of LCD or LED keypads
- ◆ System log retains past 128 events with option to automatically transmit log to remote or local printer

- ◆ Fuseless design eliminates unnecessary service calls
- ◆ Installer lockout option
- ◆ Enclosure dimensions:  
12 x 15 x 4 (model XL-4)  
12 x 15 x 4.5 (model XL-4B)

### New Features - coming soon:

- ◆ Common keypad showing armed/disarmed status for all partitions- LED or LCD
- ◆ Auto arming by day, by partition
- ◆ A single program question enabling all even zones to be tampers for all odd zones
- ◆ A common area partition
- ◆ 40 trigger outputs



# XL-4

## Specifications

### Programming

- ◆ On site programming directly through keypad (LED or LCD)
- ◆ Remote programming through PC downloader (7700)
- ◆ Optional default lockout feature prevents hostile account takeovers
- ◆ Option to inhibit keypad programming
- ◆ Local programming secured through installer code
- ◆ EEPROM memory retains programmable features and current status even during total power loss
- ◆ Factory default characteristics simplify installation

### Additional Features

- ◆ Programmable dialer and bell lockout feature
- ◆ Accurate real time clock, time programmable by installer or authorized user
- ◆ Flexible system test function with programmable frequency (12 hour, 24 hour or weekly transmission), and selectable time of day
- ◆ Two programmable entry/exit delay times
- ◆ CS reporting option to verify remote download request
- ◆ Sounder ringback, and bell test at arming options
- ◆ Auto-unbypass option
- ◆ Four programmable keypad emergency conditions

### Multiplex Capability

- ◆ Multiplex zone expansion option through 7120 module
- ◆ System supports two wire buss capable of 64 points of protection
- ◆ Two wire multiplex buss provides power and supervised data path between the control panel and the multiplex accessories
- ◆ Multiplex accessories available; two or eight point modules for interfacing conventional alarm sensors to multiplex buss
- ◆ Convenient two conductor wiring of multiplex loops for easy installation
- ◆ Programmable zone characteristics for each multiplex point
- ◆ PID format simplifies programming and provides complete reporting

### Partitions

- ◆ Eight partitions (subpanels) per control panel
- ◆ Each will contain a primary & secondary Central Station account number
- ◆ Zones and keypads are assigned to the desired partition
- ◆ User codes can be assigned to multiple partitions
- ◆ Partition descriptor, 16 characters, uniquely identifies each subsystem
- ◆ Multi partition feature allows secure operation of the system through any keypad by authorized users
- ◆ Arm or Disarm all partitions through a single keypad by authorized user
- ◆ Authorized users can alter partition assignments through the keypad

### System Log

- ◆ Panel retains activity log (128 events max)
- ◆ System log viewable locally at LCD keypad or from Alarm Company
- ◆ Programmable transfer of system activity to a remote or local\* printer, automatically on either a daily, weekly or monthly basis

\*Local printer requires 7130 module

### Outputs

- ◆ Trigger outputs (eight voltage level triggers)

### Zones

- ◆ Eight fully programmable EOL supervised hardwired zones on circuit board
- ◆ Expansion through plug in module Options: model 7105 (eight zone hardware expander), 7120 (multiplex buss expander, 64 points)
- ◆ Zone programming flexibility including type and reporting characteristics
- ◆ Programmable 16 character descriptors for each of 72 zones or points
- ◆ Selectable alarm (16) and trouble (8) types
- ◆ Programmable Central Station reporting & restore codes by zone
- ◆ Keyswitch capability through any zone
- ◆ Chime option by zone
- ◆ Pulse count option by zone
- ◆ Commands to view zone descriptions on LCD keypad
- ◆ Zone grouping capability allows creation of groups within each partition for the purpose of group bypass and alarm transmission

### Remote Operations

- ◆ Patented answering machine override (AMD) for secure communications
- ◆ Programmable callback feature prevents unauthorized access
- ◆ Remote Downloading and uploading, from Alarm Company location

- ◆ Interactive programming sessions permit control panel to remain on-line with the downloading computer during remote communications
- ◆ Remotely arm, disarm, bypass, read system status, and device control

### User Codes

- ◆ 64 user codes, with 7 authorization levels
- ◆ 4 digit or 7 digit user codes, systemwide option
- ◆ Programmable Open/Close ID's for each user
- ◆ Programmable partition access by user, access to partitions
- ◆ Option to transmit O/C signals by user by partition
- ◆ Ambush code capability
- ◆ Arm or disarm all partitions through any keypad by authorized users
- ◆ Quick arm, bypass, forced arming commands available
- ◆ Arm only code

### Central Station Communications

- ◆ Dual central station telephone numbers
- ◆ 2 CS account numbers (3 or 4 digits)
- ◆ Transmission speeds include 10PPS, 20PPS, 40PPS, 42, FBI Superfast, BFSK, ADEMCO Express and Point ID formats
- ◆ Pulse, touch-tone, or adaptive dialing (tone backed up by pulse)
- ◆ Dial tone detection option
- ◆ Installer options for each of the remote command capabilities

### Keypads

- ◆ Up to 16 per system, (LED or LCD) easy to install 4 wire devices may require auxiliary power supply
- ◆ LCD keypad features easy to read 2 line by 16 character supertwist display with illuminated keys
- ◆ LED keypad displays zone status communication and power indicators

### Power Specifications

- ◆ Watchdog circuitry insures integrity of microprocessor
- ◆ 24 hour battery load test and continuous low battery monitoring
- ◆ Total Aux Power: 12 VDC, Regulated @ 900 mA
- ◆ Keypad current = 250 mA, max., Smoke current = 150 mA max.
- ◆ Aux current = 500 mA max. if keypad and smoke power is used, or 900 mA max. if keypad and smoke power is not used
- ◆ Alarm Power: 12 VDC, Regulated @ 2 Amps

### Listings

- ◆ UL Household Combination Burglary/Fire (XL-4)
- ◆ CE

### System Components

<b>XL-4</b>	Eight zone EEPROM based control/communicator featuring keypad programming, remote uploading/downloading and remote operations. Includes control panel and transformer; keypads available separately
<b>XL-4LT</b>	Same as XL-4 less transformer (CE listed)
<b>XL-4705</b> <i>NEW!</i>	Relay expansion module allows eight relays, five boards per system. *Additional power supply might be needed
<b>7105</b>	Eight zone hardwired expander. Provides eight additional zones for a total of 16.
<b>7120</b>	Multiplex expander. Provides two wire multiplex buss to enable 64 point expansion capability.
<b>7130</b>	Local printer interface module. Allows connection of serial printer (300 baud) for local output of system log.
<b>XK-7LC</b>	LCD based keypad featuring large character supertwist LCD display.
<b>XK-716</b>	LED keypad featuring individual LEDs for system status, with illuminated keys.
<b>XK-5LC</b>	LCD based keypad featuring large character supertwist LCD display (Also available model XK-3LC)
<b>XK-516</b>	LED keypad featuring individual LEDs for system status, with illuminated keys. (Also available model XK-316)
<b>7103UL</b>	Trigger cable assembly for UL applications.
<b>7700</b>	EZ-Mate PC downloading software.