

XL-4

DELIVERING UNSURPASSED POWER AND VERSATILITY

Capable of handling 72 zones, while partitioning up to seven separate sub-systems plus a common area, the XL-4 is perfect for any home, apartment or business. Wired for eight zones, the XL-4 also supports a two-wire multiplex bus expansion, which is capable of handling an additional 64 zones. A fuseless design eliminates unnecessary service calls. And, with powerful features like a 128-event 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
- ◆ Wired or multiplex expansion capability
- ◆ 72 zone capacity through multiplex expansion
- ◆ Partitioning (up to eight separate subsystems). Seven partitions plus a common area
- ◆ Zone grouping capability within partitions
- ◆ 64 user codes with seven authorization levels 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

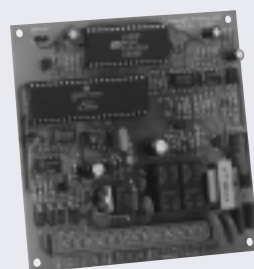
New Features:

- ◆ Master 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 tamper zones for all odd zones
- ◆ A common area partition
- ◆ Up to 40 programmable relays

PERIPHERALS



CE2R
Wireless Remote-Control Keyfob



TAM-1
Telephone Access Module



Chatbak-V
Verbal Status Module

- Stand-alone or place next to any FBIII keypad
- Gives system status of your alarm in easy-to-understand English
- One button arming station in home or away modes
- Family/office message center

control communicator

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 siren 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 bus capable of 64 points of protection
- ◆ Two wire multiplex bus provides power and supervised data path between the control panel and the multiplex accessories

(multiplex capability continued)

- ◆ Multiplex accessories available; one, two or eight point modules for interfacing conventional alarm sensors to multiplex bus
- ◆ 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:

- ◆ Seven partitions with a common area partition
- ◆ 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
- ◆ Auto arming by partition
- ◆ Partition status keypad mode

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)
- ◆ 40 Programmable Relays

Zones:

- ◆ Eight fully programmable EOL supervised wired zones on circuit board
- ◆ Expansion through plug in module
Options: model 7105 (eight zone wired expander), 7120 (multiplex bus 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, system wide 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

(user codes continued)

- ◆ 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 for each partition
- ◆ 2 CS account numbers (3 or 4 digits)
- ◆ Transmission speeds include 10PPS, 20PPS, 40PPS, 4x2, FBII 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., four-wire
Smoke detector current = 150 mA max.
- ◆ Aux current = 500 mA max. if keypad and smoke detector 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)

XL-4

MULTIPLEX PERIPHERALS AND WIRED EXPANDERS

SYSTEM COMPONENTS:

XL-4LT: Eight zone based control/communicator featuring keypad programming, remote uploading/downloading and remote operations. Includes control panel. Transformer and keypads available separately

XL-4: Eight zone control/communicator and 16.5V 40VA transformer

XL-4705: NEW! Relay expansion module allows five relays, eight boards per system. *Additional power supply might be needed

7105: Eight zone wired expander. Provides eight additional zones for a total of 16

7120: Multiplex expander. Provides two wire multiplex bus to enable 64 point expansion capability

7130: Local printer interface module. Allows connection of serial printer (300 baud) for local output of system log

XK-7LC: LCD based keypad featuring large character Supertwist™ LCD display

XK-716: LED keypad featuring individual LEDs for system status, with illuminated keys

XK-5LC: LCD based keypad featuring large character supertwist LCD display (Also available model XK-3LC)

XK-516: LED keypad featuring individual LEDs for system status, with illuminated keys. (Also available model XK-316)

7103UL: Trigger cable assembly



XL-4701
Single Point Module



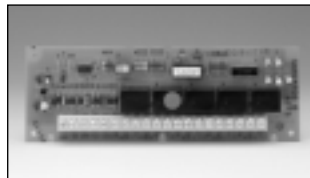
7103UL
Trigger Cable Assembly



XLMXEXT
Multiplex Extender Module



XL-4702
Two Point Module



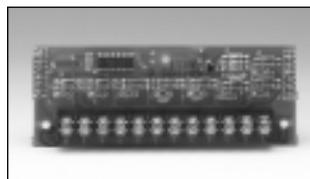
XL-4705
Relay Expansion Module



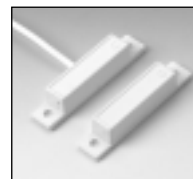
ZR-700P
Multiplex Programmer



XL-4708
Eight Point Module



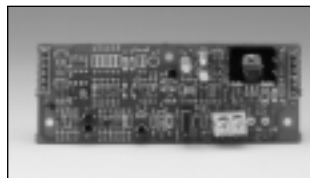
7105
Zone Expander Module XL-4/XL-5



ZR-745MSL
Surface Mount Reed Switch



XL-4722
PIR Motion Detector



7120
Multiplex Expansion Board



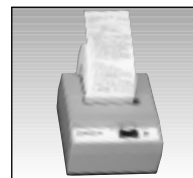
ZR-750MOH
Overhead Door Contact



ZR-795MR
Recessed Reed Switch



7130
Local Printer Interface



6220S
Serial Printer