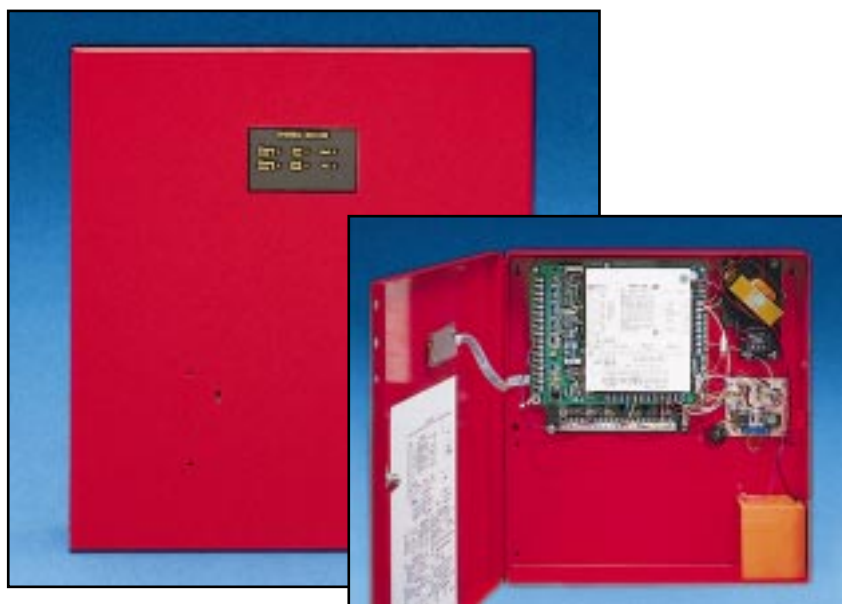


## S P E C I F I C A T I O N S



XL-4CPO system shown with optional system keypads, 7005L-RD and 7005L

## XL-4CPO

### Combination Fire/Burglary Control/Communicator

#### 8-72 Zones

#### STANDARD FEATURES:

- 8 Zone EEPROM Fire Control/Communicator expandable to 72 zones
- Combination commercial fire/burglary panel
- Handles various fire devices including smoke detectors, thermostats, pull stations, water flow and sprinkler supervision.
- Supervision of dual telephone lines and bell output
- Hardwire or multiplex expansion capability
- 72 zone capacity through multiplex expansion
- Partitioning (up to 8 separate subsystems)
- Zone grouping capability within partitions
- 64 User codes with 7 authorization levels
- Keypad and remote programming
- Remote uploading/downloading and remote commands
- System log retains past 128 events with option to automatically transmit log to remote or local printer
- Fuseless design eliminates unnecessary service calls
- Fire Installation Applications
  - NFPA 72A local protective signaling
  - NFPA 71 central station signaling
  - NFPA 74 household fire warning
  - UL 864
- Enclosure dimensions 16 x 18 x 4  
Keypad dimensions: 6.5 x 4.5 x 1

## SYSTEM COMPONENTS

<b>XL-4CPO</b>	Combination Commercial Fire/Burglary system. Configuration includes: control panel housed in attack proof enclosure, dual phone line and bell monitor, system master keypad, system indicator light display, wired in transformer. Keypads available separately.	<b>7130</b>	Local printer interface module. Allows connection of serial printer (300 baud) for local output of system log.
<b>7105</b>	Hardwired expander module. Provides 8 additional hardwired zones.	<b>7005L</b>	LCD keypad features large two-line by sixteen character display.
<b>7120</b>	Multiplex expander. Plug-in module provides two wire 64 point bus.	<b>7005L-RD</b>	Similar to 7005L except keypad is housed in red plastic case.
		<b>7005</b>	LCD keypad with standard size display.
		<b>7015</b>	Keypad with separate zone indicator lights, displays status for first 16 zones.
		<b>7700</b>	EZ-Mate PC Downloading software

# XL - 4 C P O S P E C I F I C A T I O N S

## PROGRAMMING

- Programmable locally through LCD keypads, or remotely through PC Downloading Software.
- Default lockout option to prevent hostile account takeovers.
- Option to inhibit keypad programming.
- Local programming secured through Installer Code.
- EEPROM memory retains programmable features and current status.
- Factory default characteristics simplify installation.

## ZONES

- 8 fully programmable EOL supervised hardwired zones on circuit board.
- Expansion through plug in module. Options: model 7105 (8 zone hardware expander), 7120 (Multiplex bus expander, 64 zones).
- Fire zone types include: smoke detectors, thermostats, pull stations, water flow and sprinkler supervision.
- Zone programming flexibility including type and reporting characteristics.
- Four programmable keypad emergency conditions.
- Programmable sixteen character descriptors for each of 72 zones.
- 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 bypassing and alarm transmission.

## SYSTEM OPTIONS

- 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.

## MULTIPLEX CAPABILITY

- Multiplex zone expansion option through 7120 module.
- System supports two wire buss capable of 64 zones of protection.
- Two wire multiplex bus provides power and supervised data path between the control panel and the multiplex accessories.
- Multiplex accessories available; 2 or 8 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.

## PARTITIONS

- 8 partitions (subpanels) per control panel.
- Each will contain a primary & secondary Central Station account number.
- Zones and keypads are assigned to the desired partition.
- Users codes can be assigned to multiple partitions.
- Partition descriptor, sixteen 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.

## USER CODES

- 64 user codes, with authorization levels (7).
- Four digit or seven 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 user code.

## OUTPUTS

- Trigger outputs (8 voltage level triggers).

## CENTRAL STATION COMMUNICATIONS

- Transmission to two separate CS telephone numbers
- Three or four digit account numbers.
- Transmission formats include 10PPS, 20PPS, 40PPS 4x2, 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.

## POWER SPECIFICATIONS

- Special watchdog circuitry insures integrity of microprocessor.
- 24 hour battery load test and continuous low battery monitoring.
- Total Control 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.

## KEYPADS

- Up to 8 LCD keypads per system (may require auxiliary power supply).
- Backlit keypads.

## REMOTE COMMANDS

- Patented answering machine detection (AMD) for secure communications with Alarm Company without interruption to the premise telephone.
- Programmable callback scheme 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.

## 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.

## LISTINGS

- Fire Listings: NFPA 72A, NFPA 71, NFPA 74, UL 864
- UL Mercantile Burglary Listings: local grade A, police connect grade A, grade AA, central station grade B.
- California State Fire Marshal (CSFM).

VALID ONLY WITHIN NORTH AMERICA



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