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

**XL-4CPO** 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.

- **7105** Hardwired expander module. Provides 8 additional hardwired zones.
- **7120** Multiplex expander. Plug-in module provides two wire 64 point bus.
- **7130** Local printer interface module. Allows connection of serial printer (300 baud) for local output of system log.
- **7005L** LCD keypad features large two-line by sixteen character display.
- **7005L-RD** Similar to 7005L, except keypad is housed in red plastic case.
- **7005** LCD keypad with standard size display.
- **7015** Keypad with separate zone indicator lights, displays status for first 16 zones.
- **7700** EZ-Mate PC Downloading software
XL-4CPO SPECIFICATIONS

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.
- EPROM memory retains programmable features and current status.
- Factory default characteristics simplify installation.

ZONES
- 8 fully programmable EDL supervised hardwired zones on circuit board.
- Expansion through plug in module. Options: model 7102 (2 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.
- Keypad access 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 dealer 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 delays.
- CID 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 bus 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 buses.
- Conventional 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 keypad 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 & FBI Superfast, BFSK, ADEMCO Express and Point ID formats.
- Dial tone detection option.
- Installer options for each of the remote command capabilities.

POWER SPECIFICATIONS
- Special switching circuitry insures integrity of microprocessor.
- 24 hour battery stand by and continuous low battery monitoring.
- Total Control Aux. Power: 12 VDC, Regulated @ 300 mA.
- Keypad current = 250 mA, max., Smoke current = 150 mA, max.
- Aux. current = 550 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.
- Remote Downloading and uploading, from Alarm Company location.
- 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 Alarm: 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).
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VALID ONLY WITHIN NORTH AMERICA

FB9424 - XL-4CPO  5/27/98 12:28 PM  Page 2
SSXL4CPO Rev. 11/94