

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



XL-31 system shown with compatible keypads XL-4612RM, XL-4612SM, 7015, 7005L, and 7005.

XL-31

**12 Zone EEPROM
Control/Communicator**

STANDARD FEATURES:

- 12 fully programmable zones
- Keypad and remote programming
- Upload/download/remote commands with answering machine detection
- Built in two channel siren driver
- Auto arming feature
- Access code triggers (door strike) capability
- 30 user codes
- Fast loop response option
- Swinger shut down
- Choice of LCD or LED keypads
- True low battery and no battery testing
- Phone line cut detection
- Four programmable trigger outputs
- Four selectable keypad emergency conditions
- Cancel report option
- Quick arming and quick forced arming options
- Default lockout option to prevent hostile account takeovers
- Enhanced auto test reporting option
- Enclosure dimensions
12.5 x 14.5 x 3 (model XL-31)
14.5 x 18 x 4.3 (model XL-31B)

SYSTEM COMPONENTS

XL-31	Twelve zone EEPROM based Control Communicator featuring keypad programming, remote uploading/downloading/commands with built in siren driver. Includes control panel and transformer; keypads available separately.	XL-4612SM	Plastic surface mount LED keypad. Features backlit keys concealed behind door; Includes both a smoked glass and white door.
XL-31LT XL-31B	Same as XL-31 less transformer Twelve zone EEPROM based Control Communicator suitable for UL commercial (mercantile) installations. Includes transformer; keypads available separately.	7015 7005	LED keypad featuring individual LEDs for zone system status, with illuminated keys. LCD based keypad (featuring 2 line by 16 character backlit supertwist display and illuminated keys).
XL-4612RM	Metal plate LED based keypad. Can be recessed mounted or surface mounted (with optional XL-4600RMBX backbox). NOTE: XL-4612RM or XL-4612SM keypad cannot be mixed with other style keypads on the same system.	7005L XL-4600RMBX	LCD based keypad featuring large character display Back box for surface mounting the XL-4612RM keypad.

XL - 31 SPECIFICATIONS

PROGRAMMING

- On-site programming directly through keypad (LED or LCD)
- Remote programming through PC Downloader (7700)
- Installer code prevents unauthorized keypad programming
- Optional default lockout feature prevents default from overwriting CSID and installer code, option to inhibit keypad programming
- Customized zone descriptors through LCD keypads or PC downloader

ADDITIONAL FEATURES

- Installer walk test feature
- Auto arming feature at specific time of day
- Real time clock with reminder when time needs to be reset
- History log retains the past 6 zone alarms/troubles, viewable through keypad by installer, or from alarm company
- Chime on/off feature through keypad
- Keypad tamper function with optional CS transmission
- Phone line cut detection with audible/silent output
- Swinger shutdown option

OUTPUTS

- Four voltage level output triggers programmable as follows: User code entry (Door strike application) arming status, ready status, bypass, exit, entry, stay, instant, AC loss, low battery, burglar alarm, fire panic duress, keypad tamper, keypad fire, keypad aux., trouble, fire trouble, day trouble, alarm memory, fail to communicate, sounder, phone failure, ground start
- Note:** Only three triggers available if fast response loop option is selected

ZONES

- Twelve fully programmable zones, each selectable for EOL supervision, NO or NC devices
- Fast loop response zone option (7 msec)
- Four Emergency keypad conditions (Fire, Panic, Aux, Duress)
- Versatile Zone types:
 - Controlled Zone types include; *Instant, Exit/Entry, Interior, Day, and Keyswitch*, with options for *Dialer Delay, Restore and Chime* by zone. *24 Hour Zone* Types include: *Fire, Burglary, Silent, Trouble, Medical*
- Programmable central station reporting codes per zone
- Individual reporting codes for *Ambush, Panic, AC Loss, 24 Hour Test, Low Battery, Open, Close, Trouble, Restore*
- Bell Test option, Smoke reset and verification features
- Separate bell cutoff times for *BURG* and *FIRE* bell
- Programmable entry and exit times, and bell lockout feature

REMOTE OPERATIONS

- Secure remote communications with security codes and optional callback method
- Download/Upload remotely even in the presence of answering machines
- Remote commands include: *Arm/Forced Arm, Disarm, Bypass* zones, change user codes, read system status.

- Remote operations can be performed through the EZ-Mate PC Downloader (7700)
- Answering machine override on one phone call

USER CODES

- Thirty user codes, keypad programmable by master user
- Options for *Arm only, Ambush, and Door Strike* user codes
- Open/Close by user ID
- Unique O/C codes for all users within 4 x 2 format, expanded, FBI Superfast, or Point ID formats.

CENTRAL STATION COMMUNICATIONS

- Dual Central Station telephone numbers
- Two CS account numbers (3 or 4 digits)
- Pulse or touch tone dialing option
- Transmission speeds include 10PPS, 20PPS, 40PPS with or without parity
- Formats include: 3x1, 4x1, 4x2, Expanded, Single Round Expanded
- FBI Superfast, Ademco Express 4x1 and 4x2 Formats, Ademco Point ID Format
- Split reporting option for openings and closings
- Sonalert ringback feature
- Test options include daily, weekly, 27, 60 or 90 day intervals, test by time, event or event/time

KEYPADS

- Up to 4 keypads per system, easy to install 4 wire devices
 - Individual LEDs show status of each zone with indications of ALARM, TROUBLE BYPASS and NOT READY conditions [LED keypads include XL-4612RM*, XL-4612SM*, 7015]
 - Indicators display current system status (ARMED, READY, STAY, INSTANT, AC/Low Battery) [LED based keypads]
 - English readout keypad displays system status in 2 line by 16 character readout; customized 12 character zone descriptors (LCD keypads include 7005 and 7005L)
- *Note:** The XL-4612RM or XL-4612SM keypads cannot be mixed with other keypads on the same system.

POWER SPECIFICATIONS

- Watchdog Circuitry insures integrity of microprocessor
- Total Aux. power: 500 mA. regulated
- Transformer 16.5V 40 VA, Bell Power: 1 Amp

LISTINGS

- UL Household Combination Burglary/Fire (XL-31)
- UL Mercantile Burglary Listing: Local Grade A, Police Connect Grade A, Grade AA, Central Station Grade B (XL-31B)
- California State Fire Marshal (CSFM)



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