

Systems Family Chart

Features	XL-1S	XL-1T	XL-20	XL-2S	XL-2T	XL-2P	XL-31	HC-41	XL-4/5
System Capacity									
Standard Zone	4	4	4	6	6	8	12	8	8
Maximum # of Zones	4	4	8	6	6	8	12	24	72/136
Partitions	—	—	—	—	—	—	—	2	8
User Codes	6	6	6	6	15	15	30	15	128
Siren Driver	○	○	○	○	●	●	●	●	○
Trigger Outputs	2	2	2	1	2	4	4	4	40
Line Cut Detection	○	○	○	○	○	●	●	○	○
Event Log	—	99	99	2	76	76	6	16	128
System Management & Control									
Keypads	4	4	4	4	4	4	4	4	8
Interactive Phone	●	●	●	●	●	●	●	●	●
Auto Arm	○	○	○	○	●	●	●	●	●
Cancel Report Option	●	●	●	●	●	●	●	●	●
AC Based Real Time Clock	●	●	●	○	●	●	○	●	●
Fast Zone Response	●	●	○	○	●	●	●	●	○
Unattended Downloading	●	●	●	●	●	●	○	●	○
On-Line Downloading	●	●	●	●	●	●	○	●	○
Dual Entry Times	●	●	●	●	●	●	●	●	●
Paging	○	○	○	○	○	●	○	○	○
Flexible Test Times	●	●	●	●	●	●	○	●	●
Installation Technologies									
Standard Hardwired Zones	6	6	4	6	6	8	12	8	8
2-Wire Smokes	○	○	○	○	○	○	○	●	○
Multiplex	○	○	○	○	○	○	○	○	●
Wireless	○	○	●	○	○	○	○	●	○
False Alarm Prevention Features									
Exit Error	●	●	●	●	●	●	○	●	○
Cross Zoning	○	○	○	○	○	●	○	○	●
Alarm Verification	●	●	●	●	●	●	●	●	●
Recent Close	○	○	●	○	●	●	○	●	○
System Stabilization	○	○	●	●	●	●	○	●	○
Listing & Approvals									
UL-1023 Household Burg Alarm Systems	●	●	●	●	●	●	●	●	●
UL-985 Household Fire Warning System	●	●	●	●	●	●	●	●	●
CSFM (California State Fire Marshall)	●	●	●	●	●	●	●	●	●
NFPA No. 74 Household Fire Warning	●	●	●	●	●	●	●	●	●
Bell Supervision	●	●	●	○	●	●	○	●	○
Temporal Bell Output	○	○	●	○	●	○	○	○	○

● Supported Feature
 ○ Not Supported
 — Not Applicable

System Capacity

Standard Zones - indicates the total number of alarm sensors which can be monitored by the control panel.

Maximum # of Zones - indicates the total number of alarm sensors which can be monitored by the control panel.

Partitions - provides the ability to control separate areas independently, each as if it had its own separate control.

User Codes - indicates the total number of unique codes which can be assigned to individuals who operate the system.

Siren Drivers - eliminates additional expense of a stand alone siren driver.

Trigger Outputs - programmable voltage level outputs which can be used to initiate external devices (example: radio transmitter, strobe light, etc.).

Line Cut Detection - monitors the integrity of the telephone line.

Event Log - allows recent system activity to be viewed, printed, or uploaded.

System Management & Control

Keypads - provide a convenient way to interact with the system. Keypads can be used for programming, service, arming, disarming, and many other functions.

Interactive Phone - permits access to the security system from any touch-tone telephone to obtain system status information, arm and disarm security system.

Auto Arm - allows security system to be armed at a predetermined time of day.

Cancel Report Option - informs central station that an authorized user has turned the system off.

AC Based Real Time Clock - provides an accurate basis for time driven events such as test timers or auto arming.

Fast Zone Response - allows connection of fast zone devices such as hardwired zones without need for a pulse stretcher.

Unattended Downloading - allows downloading without an operator at the alarm company.

On-Line Downloading - allows installer to initiate a download from the premise location.

Dual Entry Times - permits different entry times for separate EE zones (example: front door, garage door).

Paging - reports sent to pager number in addition to central station phone numbers.

Flexible Test Time - allows daily, weekly, monthly, 60, 90 days. Permits supervision of accounts without need for daily signal.

Installation Technologies

Hardwired:

Standard Hardwired Zones - indicates the number of alarm zones which can be monitored by the control panel in it's basic configuration (without expansion).

2-Wire Smokes - allows the use of smokes which receive power and send alarm over only 2 wires.

Multiplex:

2-Wire Polling Loop - allows expansion of basic system using built-in polling loop capability. The polling loop provides both power and data to each intelligent sensor

which it constantly monitors for alarm or trouble conditions. Multiplex loops can be wired as a single loop in a star configuration, T-tapped, or any combination using a single pair of wires. Twisted pair wire is recommended.

Wireless:

Wireless Support - system can support wireless devices which reduce cost by eliminating wiring. Also allows use of wireless keys and other devices for user convenience. Requires wireless receiver.

False Alarm Prevention Features

Exit Error - alerts the user and allows for correction in the event an exit door is left open while keeping the remaining protection points armed; a unique report is sent to the central station.

Cross Zoning - requires combination of zones to fault before alarm sounds. Used to avoid sensitive trigger reactions.

Alarm Verification - Will double-check an alarm condition before sounding.

Recent Close - signal sent indicating that the alarm occurred within five minutes of a closing.

System Stabilization - startup period upon powerup allows devices such as motion detectors to stabilize.

Listing & Approvals

Listing and approvals are intended to ensure a system that protects life or property is manufactured, installed and operated in a manner that optimizes the ability of the system to perform.

UL-1023 Household Burg Alarm

Systems - system is approved for use as a certified burglary protection system where monitoring by a central station is desired.

UL-985 Household Fire Warning

System - system is approved for use as a residential fire system.

CSFM (California State Fire Marshall) - system is approved for use as a residential fire system in California.

NFPA No. 74 Household Fire Warning

System - system is approved to protect a premise from a fire threat by transmitting signals to a central station.

Temporal Bell Output - rings bells as required by this new code.