

# RESIDENTIAL SYSTEMS

ADEMCO

FEATURES COMPARISON								
	VISTA-10SE	VISTA-15	VISTA-15P	VISTA-20SE	VISTA-20P	VIA-30PSE	VISTA-40	VISTA-50P
<b>SYSTEM CAPACITY</b>								
Maximum Zone Capacity	22	32	32	38	48	32	64	87
Std. Hardwired Zones (w/zone doubling)	6 (~)	6 (~)	6 (~)	8 (~)	8 (15)	2 (~)	9 (~)	9 (~)
Maximum Hardwired Expansion	0	8	22	8	40	8	55	78
Maximum Wireless Expansion	16	26	26	30	40	30	64	87
Wireless Keys (do not use zones)	0	0	2	0	4	0	0	0
Partitions	1	1	1	2	2 "true"	1	2	8
User Codes	7	16	32	30	48	7	70	75
Event Log	0	48	50	48	100	0	100	224
Max. Expansion of 2-Wire Smokes	0	16	16	16	16	0	16	16
Maximum Number of Schedules	0	0	16	0	32	0	0	48
<b>FALSE ALARM PREVENTION FEATURES</b>								
Exit Error Logic	X	X	X	X	X	X	X	X
Exit Delay Reset	~	X	X	~	X	~	~	X
Exit Delay Countdown	~	~	X	~	X	~	~	~
Cross Zoning	~	X	X	~	X	~	~	X
Alarm Verification - Fire	~	X	X	X	X	~	~	~
Swinger Shutdown	X	X	X	X	X	X	X	X
Unvacated Auto-Stay	~	X	X	~	X	~	~	~
Alarm Cancel Verification	~	X	X	~	X	~	~	~
<b>SYSTEM CONFIGURATION</b>								
Interactive Phone Support	X	X	X	X	X	X	X	X
Real Time Clock	~	X	X	~	X	~	~	X
Temporal Bell	X	X	X	X	X	X	X	X
Bell Supervision	X	X	X	X	X	X	X	X
Telephone Line Monitor	~	X	X	X	X	~	~	~
On-Board Triggers	0	0	2	0	2	0	4	4
Relays Supported	4	4	8	4	16	4	8	16
X-10 Devices Supported	0	4	8	8	16	0	8	16
<b>ADDITIONAL FEATURES</b>								
Master Console	N/A	N/A	N/A	N/A	~	N/A	~	X
Cross Partitioning ( <i>goto</i> )	~	~	~	~	X	~	~	X
"Night" Arming	~	X	X	~	X	~	~	~
RF Supervision by Transmitter	X	X	X	X	X	X	X	X
Common Lobby Logic	N/A	N/A	N/A	X	X	N/A	~	X
Configurable Zone Type	~	~	X	~	X	~	~	~
"Battery Saver"	~	~	X	~	X	~	~	~
Keyswitch Arming	~	~	X	~	X	~	X	X
Access Schedules	~	~	X	~	X	~	~	X
Output Device Schedules	~	~	X	~	X	~	~	X
<b>CONVENIENCE FEATURES</b>								
Single Button Arming	~	X	X	X	X	~	~	~
Quick Exit	X	X	X	X	X	X	~	~
Keypad Macros	~	X	X	~	X	~	~	X
Viewable Event Log at Keypad	~	~	X	~	X	~	~	~
Time & Date Display	~	~	X	~	X	~	~	~
Pager Capability	1	1	2	1	4	1	~	~
Auto Arm/Disarm	~	~	X	~	X	~	~	X

X - Supported Feature  
 ~ - Not Supported  
 N/A - Not Applicable

## GLOSSARY

### SYSTEM CAPACITY

- ♦ **Max. Zone Capacity** - the maximum number of total zones (standard zones + wireless expansion zones + hardwired expansion zones) that can be supported by the panel.
- ♦ **Std. Hardwired Zones** - the number of hardwired zones that the panels supports before expansion
- ♦ **Max. Hardwired Expansion** - the maximum number of zones that can be added via a hardwire expansion module 4219, 4229, or polling loop.
- ♦ **Max. Wireless Expansion** - the maximum number of zones that can be added via a wireless receiver (5881ENL, ENM, ENH) or RF keypad (6150RF, 6128RF)
- ♦ **Wireless Keys (do not use zones)** - the maximum number of fully programmed 4-button keys that can be enrolled in the panel without taking away from maximum zone capacity.
- ♦ **Partitions** - the number of areas that can be controlled separately as if each area had its own control panel.
- ♦ **User Codes** - the total number of unique codes used to operate the system.
- ♦ **Event Log** - the number of events (openings, closings, alarms, etc) that the panel records.
- ♦ **Max. Expansion of 2-Wire Smokes** - the maximum number of 2-wire smokes that can be supported.
- ♦ **Max. Number of Schedules** - the maximum number of scheduled events that can be programmed into the system (openings, closings, etc)

### FALSE ALARM PREVENTION FEATURES

- ♦ **Exit Error Logic** - 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.
- ♦ **Exit Delay Reset** - allows for user re-entry without causing an alarm.
- ♦ **Exit Delay Countdown** - allows the user to see the exit delay countdown at the keypad.
- ♦ **Cross Zoning** - requires a combination of zones to fault before an alarm sounds.
- ♦ **Alarm Verification - Fire** - will double-check an alarm condition before sounding.
- ♦ **Swinger Shutdown** - the number of times per armed period a panel will call the central station when multiple alarms occur
- ♦ **Unvacated Auto-Stay** - an option that will cause the panel to arm STAY if the user has armed the panel in AWAY mode, but does not trip an entry/exit zone.
- ♦ **Alarm Cancel Verification** - a distinct keypad message received after an alarm report has been successfully cancelled.

### SYSTEM CONFIGURATION

- ♦ **Interactive Phone Support** - permits access to and control of the security system from any touch-tone telephone.
- ♦ **Real Time Clock** - an internal clock used to "stamp" events when they occur. (See Event Log)
- ♦ **Temporal Bell** - the ability to sound a pulsing fire alarm in compliance with code (three pulses and a pause, repeated).

- ♦ **Bell Supervision** - the ability to monitor the status of all audible warning devices and report a TROUBLE condition via the keypad and/or central station.
- ♦ **Telephone Line Monitor** - a message sent to the keypad in the event of a phone line fault. May be used to send a report to the central station via secondary method.
- ♦ **On-Board Triggers** - programmable voltage level outputs which can be used to initiate external devices (ie. Radio transmitter, strobe light, etc.).
- ♦ **Relays Supported** - the number of 4204 or 4229 relays that can be used to activate other equipment and devices.
- ♦ **X-10 Devices Supported** - the number of X-10 compatible devices that can be controlled via an X-10 transformer (4300).

### ADDITIONAL FEATURES

- ♦ **Master Console** - the ability to have one keypad monitor and operate all partitions.
- ♦ **Cross Partitioning (goto)** - the ability to control any partition in a multi-partition system from any keypad
- ♦ **"Night" Arming** - an additional arming state that allows certain specified interior zones to act as if the panel was armed in AWAY mode.
- ♦ **RF Supervision by Transmitter** - the panel checks the status and presence of all supervised wireless devices.
- ♦ **Common Lobby Logic** - logic that allows a common area to be shared by multiple partitions.
- ♦ **Configurable Zone Type** - allows the installer to create a custom zone type and assign all zone attributes.
- ♦ **"Battery Saver"** - during AC power fail this function will disconnect battery to prevent irreversible system battery failure.
- ♦ **Keyswitch Arming** - supports the use of a keyswitch on either partition utilizing a hardwire zone.
- ♦ **Access Schedules** - allows users access during pre-defined time period.
- ♦ **"Output Device Schedules** - allows output devices (relays/X-10) to activate at pre-defined times.

### CONVENIENCE FEATURES

- ♦ **Single Button Arming** - an option that allows the panel to be armed by depressing a single key on the keypad.
- ♦ **Quick Exit** - an option that will allow a user to exit the premises without disarming the panel by initiating exit delay while the panel is armed in STAY mode.
- ♦ **Keypad Macros** - allows simplified keypad commands to control complex events.
- ♦ **Viewable Event Log at Keypad** - allows events stored in the panel to be viewed at the keypad.
- ♦ **Time and Date Display** - allows the time and date to be displayed directly on the keypad.
- ♦ **Pager Capability** - The ability to send reports to pager number(s) in addition to central station phone numbers.
- ♦ **Auto Arm/Disarm** - allows the panel to arm or disarm itself via a programmed schedule.