Zone Type Definitions

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Zone Number Designations

The VISTA-128B supports up to 128 zones of hardwire, polling loop and/or wireless protection, distributed among up to 8 partitions. The following table lists the zone numbers and the types of sensors that can be used with each in this system, and some alternate functions the zones may be used as:

<table>
<thead>
<tr>
<th>Zone</th>
<th>Sensors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2-wire Smoke Detectors (if used)</td>
</tr>
<tr>
<td>5</td>
<td>Audio Alarm Verification (if used)</td>
</tr>
<tr>
<td>7</td>
<td>Keyswitch (if used)</td>
</tr>
<tr>
<td>8</td>
<td>Latching-Type Glassbreak Detectors (if used)</td>
</tr>
<tr>
<td>1-9</td>
<td>Traditional Hardwired Zones</td>
</tr>
<tr>
<td>9</td>
<td>Programmable for Fast Response</td>
</tr>
<tr>
<td>1-128</td>
<td>5800 Series Wireless Devices</td>
</tr>
<tr>
<td>10-128</td>
<td>Polling Loop Devices</td>
</tr>
<tr>
<td>995</td>
<td>* + 1 Panic</td>
</tr>
<tr>
<td>996</td>
<td># + 3 Panic</td>
</tr>
<tr>
<td>999</td>
<td>* + # Panic</td>
</tr>
</tbody>
</table>

Zone Type Definitions

Each zone must be assigned a zone type, which defines the way in which the system responds to faults in that zone. In addition, there are three keypad-activated zones (panic keys; see note) for each partition, a polling loop supervision zone, and four RF supervisory zones, two for each RF receiver installed. Zone types are defined below.

Type 00: Zone Not Used
Program a zone with this zone type if the zone is not used.

Type 01: Entry/Exit #1 Burglary
Provides entry delay whenever the zone is faulted and the system is armed in the AWAY or STAY mode. When the panel is armed in the INSTANT or MAXIMUM mode, no entry delay is provided. Exit delay begins whenever the control is armed, regardless of the arming mode selected. These delays are programmable.

Assign this zone type to zones that are used for the primary entry and exit of the facility.
Type 02: Entry/Exit #2 Burglary
Provides a secondary entry delay whenever the zone is faulted and the system is armed in the AWAY and STAY mode. When the panel is armed in the INSTANT or MAXIMUM mode, no entry delay is provided. Secondary exit delay begins whenever the control is armed, regardless of the arming mode selected. These delays are programmable.

Assign this zone type to zones that are used for entry and exit of the facility and require more time than the primary entry and exit point. Delay times for this zone type must be greater than zone type 01 (e.g., a garage, loading dock, or basement door).

Type 03: Perimeter Burglary
Provides an instant alarm if the zone is faulted and the system is armed in the AWAY, STAY, INSTANT or MAXIMUM mode.

Assign this zone type to all zones of exterior doors and windows.

Type 04: Interior, Follower
Provides a delayed alarm (using the programmed entry delay time) if an entry/exit zone is faulted first. Otherwise it produces an instant alarm. It is active when the system is armed in the AWAY or MAXIMUM mode, but the MAXIMUM mode eliminates the entry delay.

Interior Follower zones are automatically bypassed when the panel is armed in the STAY or INSTANT mode.

Assign this zone type to a zone covering an area such as a foyer, lobby, or hallway through which one must pass upon entry or exit (to and from the keypad).

Type 05: Trouble by Day/Alarm by Night
Provides an instant alarm if the zone is faulted and the system is armed in the AWAY, STAY, INSTANT or MAXIMUM mode. During the disarmed state (day), the system annunciates a latched trouble sounding from the keypad (and a central station report, if desired).

Assign this zone type to a zone that contains a foil-protected door or window (such as in a store), or to a zone covering a “sensitive” area such as a stock room, or drug supply room. It can also be used on a zone in an area where immediate notification of an entry is desired.

Type 06: 24-Hour Silent Alarm
Sends a report to the central station but provides no keypad display or sounding. Assign this zone type to a zone containing an Emergency button.

Type 07: 24-Hour Audible Alarm
Sends a report to the central station and provides an alarm sound at the keypad and an audible external alarm. Assign this zone type to a zone containing an Emergency button.

Type 08: 24-Hour Auxiliary Alarm
Sends a report to central station and provides an alarm sound at the keypad only. (No bell output is provided.) Assign this zone type to a zone an Emergency button, or one containing monitoring devices such as water sensors, or temperature sensors.

Type 09: Supervised Fire (Without Verification)
Provides a fire alarm on a short circuit and a trouble condition on open circuit. A fire alarm produces a pulsing of the bell output. A zone of this type is always active and cannot be bypassed.
Type 10: Interior with Delay
Provides entry and exit delays (using the programmed entry/exit time), if tripped when the panel is armed in the AWAY mode and exit delay only when armed in MAXIMUM mode. Interior with Delay zones are automatically bypassed when the panel is armed in the STAY or INSTANT mode. Delay begins whenever sensors in this zone are violated, regardless of whether or not an entry/exit delay zone was tripped first.
Assign this zone type to a zone covering an area such as a foyer, lobby, or hallway through which one must pass upon entry or exit (to and from the keypad).

Type 20: Arm-STAY
Causes the system to arm in the STAY mode when the zone is activated.

Type 21: Arm-AWAY
Causes the system to arm in the AWAY mode when the zone is activated.

Type 22: Disarm
Causes the system to disarm when the zone is activated.

Type 23: No Alarm Response
Used on a zone when an output relay action is desired, but with no accompanying alarm (e.g., for lobby door access).

Type 27: Access Point
Indicates that an input device (hardwired zone, wireless zone, keypad, access control relay, etc.) is controlling an access point entry (e.g., a door). The access point entry relay can be assigned to an access control relay (controlled by the VISTA-128B), ECP relay (4204), or to the access control system independent of the VISTA-128B.

Type 28: Main Logic Board (MLB) Supervision
Used to supervise the MLB. If communication between the MLB and the Vista Gateway Module (VGM) fails, a trouble condition is annunciated for the zone. Also, if the communication fails, all access control system (ACS) input zones will also display a “CHECK.”

Type 29 Momentary on Exit
Used to cause an access point programmed for entry to revert to an exit point for 15 seconds. After the 15 seconds it automatically reverts back to an entry point. This zone type should be only used with VistaKey modules.

* Note that these zone types are for use by 5800 Series devices only!

NOTE FOR PANIC KEYS: Keypad panic zones share the same zone response type for all 8 partitions, but panics may be individually enabled for each partition.

IMPORTANT! FAULT ANNUNCIATION
Polling loop and RF troubles (zones 988, 990 & 997) will report as trouble conditions only, and as such, should be assigned zone type 05 if annunciation is desired. See Polling Loop Supervision in the 2-Wire Polling Loop Expansion section and RF System Operation and Supervision in the Wireless Expansion section for more information.