



## TECH BULLETIN

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TECHNICAL BULLETIN  
Distribution: Dealers

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# ClareOne: Zone Profiles

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## Introduction

Zone Profiles are introduced with the release of ClareOne v2.0. Zone Profiles provide the dealer/installer with flexibility to customize ClareOne sensors and their behavior on ClareOne.

## Summary

A Zone Profile is a collection of advanced properties that are applied to each sensor (aka zone types), every sensor must be assigned a zone profile.

Basic zone settings are not part of zone profiles and can be changed independent of the selected zone profile. In most cases, the default zone profiles will provide the necessary configuration required for a zone.

For more advanced configuration and for special use cases, each zone profile setting can be edited in the Advanced Settings section of the sensor settings. If one or more advanced settings are changed, and the collection of settings do not equal the settings for an included Zone Profile, "Custom" will be displayed as the selected Zone Profile name. The selected Zone Profile can then be changed at any time from Custom to one of the provided Zone Profiles available for the sensor type.

## Profile Properties

When adding or editing a zone, there are two types of settings that can be used to configure the zone - Basic Settings and Advanced Settings:

### Basic Settings

Basic settings include the following (note, not all settings are exposed for all sensor types):

Voice Annunciation	<b>Enabled</b> –Zone annunciates the name of the sensor which was opened/activated. <b>Disabled</b> – Zone does not announce the name of the sensor which was opened/activated.
Open Chime	<b>Enabled</b> – Chime sounds when a sensor is opened/activated. <b>Disabled</b> – Chime does not sound when a sensor is opened/activated.
Cross Zoning	<b>Enabled</b> - Links 2 or more sensors together. If one of the sensors in the “Cross Zone” is tripped and another sensor in that cross zone is tripped within the set time, an alarm is triggered. <b>Disabled</b> – (Default) Cross zoning is not active.
Low Battery Detection	<b>Enabled</b> – (Default) Low battery warnings from sensor are displayed on ClareOne and in application with a battery icon on the zone list. <b>Disabled</b> – Low battery warnings from sensor are not displayed on ClareOne or in application.
Normally Open	<b>Enabled</b> – Changes the external contact detection from normally closed to normally open. Normally open contacts are not touching when sensor is in it’s not faulted state. Closed when in their faulted state. <b>Disabled</b> – (Default) External contact detection is set to normally closed. Normally open contacts are touching when sensor is in it’s not faulted state. Open when in their faulted state. <b>Note:</b> Applies only to sensors with external contacts.

## Advanced Settings

Advanced settings which can be applied to all sensor types. Each setting has a default value depending on the sensor type. The following list defines each setting available in Advanced settings.

Entry/Exit Delay	<p><b>Entry Delay</b> - The time allowed after opening the associated sensor before and alarm is tripped.</p> <p><b>Exit Delay</b> – The time allowed to exit before the ClareOne panel is armed.</p>
Active in Arm Stay	<p><b>Enabled</b> – Zone is active when ClareOne is Armed Stay.</p> <p><b>Disabled</b> – Zone is not active when ClareOne is Armed Stay.</p>
Active in Arm Away	<p><b>Enabled</b> – Zone is active when ClareOne is Armed Away.</p> <p><b>Disabled</b> – Zone is not active when ClareOne is Armed Away.</p>
Active in Disarm	<p><b>Enabled</b> – Zone is active when ClareOne is not armed. The zone follows Active in Arm Stay/Away settings when the panel is armed.</p> <p><b>Disabled</b> – Zone follows Active in Arm Stay and Arm Away settings.</p>
Follower	<p><b>Enabled</b> – Zone will not trip or report alarm during entry and exit delays.</p> <p><b>Disable</b> – Zone will trip and report alarm during entry and exit delays if not cancelled first.</p>
Alarm Type	<p>The type of alarm associated with the zone. Used to display alarm type on ClareOne and Clare App.</p> <p>Available Alarm Types:</p> <ul style="list-style-type: none"> <li>Auxiliary</li> <li>Carbon Monoxide</li> <li>Fire Panic</li> <li>High Temperature</li> <li>Intrusion</li> <li>Low Temperature</li> <li>Panic</li> <li>Silent Auxiliary</li> <li>Silent Panic</li> <li>Water Level</li> </ul>
Siren Type	<p>The type of siren associated with the zone.</p> <ul style="list-style-type: none"> <li>None</li> <li>Intrusion</li> <li>Low Level</li> <li>T3</li> <li>T4</li> </ul>
Require Restoral Event	<p><b>Enabled</b> – Zone generates a restoral event when it transitions from tripped (alarm state) to normal.</p> <p><b>Disabled</b> – Zone does not generate a restoral event when it transitions from tripped (alarm state) to normal.</p>

Report Code	The reporting code used for alarms and restoral of this zone, using Contact ID reporting codes.																																								
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Tamper Alarm Active	<p><b>Enable</b> – When a zone is tampered while in an armed state, at tamper alarm will be generated. When not armed a tamper trouble is generated.</p> <p><b>Disabled</b> – When a zone is tampered while in an armed state, at tamper alarm will not be generated. When armed or note armed, a tamper trouble is generated.</p>																																								
Delay Alarm Report	<p><b>Enabled</b> – Alarm delivery is delayed (configurable on ClareOne panel settings) after an alarm is tripped to allow time to cancel it.</p> <p><b>Disabled</b> – Alarm delivery is immediate after an alarm is tripped. Should be used with all Fire and Life Safety zones.</p>																																								

# Zone Profiles Applications and Default Settings

Advanced settings which can be applied to all sensor types. Each setting has a default value depending on the sensor type. The following list defines each setting available in Advanced settings.

Table 1

Profile Name	Example	Description	Applicable Sensors/Zones	Entry/Exit Delay	Active in Arm Stay	Active in Arm Away	Active in Disarm	Follower	Alarm Type	Siren Type	Require Restoral Event	Report Code	Tamper Alarm Active	Delay Alarm Report
24 Hour	24-Hour zone is most often used with life-safety devices like smoke detectors, carbon monoxide detectors, panic buttons and medical alert buttons. It may also be used for doors that should not be opened under normal circumstances, such as emergency exits, fire doors, or gun safes.	Special Intrusion, active in disarm, 24 hour	D/W, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Auxiliary	Intrusion	Yes	133	Yes	Yes
Auxiliary (Medical)	Used to trigger and auxiliary (medical) alarm to Central Station and emits a low volume siren on ClareOne	Auxiliary, Medical panic	Panic Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Aux	Low Level	Yes	150	Yes	Yes
Auxiliary Silent (Medical)	Used to trigger and auxiliary (medical) alarm to Central Station with a no siren on ClareOne	Auxiliary, Medical panic	Panic Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Silent Auxiliary	None	Yes	150	Yes	Yes
CO	A 24 hour zone for Carbon Monoxide life safety devices. Should not be used for any device that is not a CO sensor. When tripped an alarm is sent to the Central Station regardless of the arming status of ClareOne.	Carbon Monoxide	Carbon Monoxide, Wired Input Module	Disabled	Yes	Yes	Yes	Disabled	Carbon Monoxide	T4	Yes	162	No	No
Entry/Exit Long	For security zones which are associated with entry and exit points on the premises, uses the long exit delay by default.	Intrusion, Perimeter, with long delay	D/W, Wired Input Module, D/W with Contact	Long	Yes	Yes	No	Disabled	Intrusion	Intrusion	Yes	134	Yes	Yes
Entry/Exit Standard	For security zones which are associated with entry and exit points on the premises, uses the standard exit delay by default.	Intrusion, Perimeter, with standard delay	D/W, Wired Input Module, D/W with Contact	Standard	Yes	Yes	No	Disabled	Intrusion	Intrusion	Yes	134	Yes	Yes
Fire	For smoke and fire detection devices. When tripped an alarm is sent to the Central Station regardless of the arming status of ClareOne.	Fire, smoke sensor	Smoke, Wired Input Module Zone	Disabled	Yes	Yes	Yes	Disabled	Fire	T3	Yes	110	No	No

## Zone Profiles Applications and Default Settings (Continued)

Table 2

Profile Name	Example	Description	Applicable Sensors/Zones	Entry/Exit Delay	Active in Arm Stay	Active in Arm Away	Active in Disarm	Follower	Alarm Type	Siren Type	Require Restoral Event	Report Code	Tamper Alarm Active	Delay Alarm Report
<b>Fire Panic</b>	Any device that when tripped will initiate a fire panic alarm. Might be used on exit doors that are to be opened only in case of fire or on a pull station.	Fire Panic	Keypad, Wired/Wireless Pull Station, Wired Input Module Zone	Disabled	Yes	Yes	Yes	Disabled	Fire Panic	T3	Yes	115	Yes	No
<b>Flood</b>	Used to report a flood or high water event.	High Water Level	Water Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Water Level	Low Level	Yes	154	No	Yes
<b>Glass Break/Shock</b>	Monitors any noise or vibrations coming from glass.	Intrusion, Glassbreak	Glassbreak Sensor, Shock Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	No	Disabled	Intrusion	Intrusion	No	131	Yes	Yes
<b>Heat</b>	Used to monitor rapidly rising heat or persistent high heat condtion.	Fire, heat sensor, heat rate of rise	Heat Rate of Rise, Wired Input Module Zone	Disabled	Yes	Yes	Yes	Disabled	Fire	T3	Yes	114	No	No
<b>High Temperature</b>	Used to monitor high temperature condtions.	High Temperature	Clare Sensor not avialble, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	High Temp	Low Level	Yes	158	No	Yes
<b>Interior</b>	A device such as a interior door that protects the interior of a protected area.	Intrusion, Interior, no delay	D/W, Wired Input Module, D/W with Contact	Disabled	No	Yes	No	Disabled	Intrusion	Intrusion	Yes	132	Yes	Yes
<b>Interior Follower</b>	A device such as a interior door that protects the interior of a protected area. Does not trip during entry and exit delays.	Intrusion, Interior, no delay	D/W, Wired Input Module, D/W with Contact	Disabled	No	Yes	No	Enabled	Intrusion	Intrusion	Yes	132	Yes	Yes
<b>Low Temperature</b>	Used to monitor low temperature condtions.	Low Temperature	Clare Sensor not avialble, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Low Temp	Low Level	Yes	159	No	Yes
<b>Motion (Interior)</b>	Interior motion device. Trips during an entry or exit delay.	Intrusion, Interior Motion, no delay, no restoral,	Motion, Wired Input Module, D/W with Contact	Disabled	No	Yes	No	Disabled	Intrusion	Intrusion	No	132	Yes	Yes
<b>Motion Follower (Interior)</b>	Interior motion device. Does not trip during an entry or exit delay.	Intrusion, Interior Motion, no delay, no restoral,	Motion, Wired Input Module, D/W with Contact	Disabled	No	Yes	No	Enabled	Intrusion	Intrusion	No	132	Yes	Yes
<b>Motion Outdoor</b>	Exterior motion device. Trips during an entry or exit delay.	Intrusion, Motion, Double Long delay, No restoral	Clare Sensor not avialble, Wired Input Module, D/W with Contact	Double Long	No	Yes	No	Disabled	Intrusion	Intrusion	No	136	Yes	Yes

## Zone Profiles Applications and Default Settings (Continued)

Table 3

Profile Name	Example	Description	Applicable Sensors/Zones	Entry/Exit Delay	Active in Arm Stay	Active in Arm Away	Active in Disarm	Follower	Alarm Type	Siren Type	Require Restoral Event	Report Code	Tamper Alarm Active	Delay Alarm Report
<b>Outdoor</b>	Used for exterior or perimeter entry points such as an courtyard gate. Sounds siren and reports an alarm when tripped.	Intrusion, Perimeter, Double Long delay, No restoral	Gate Sensor, Wired Input Module, D/W with Contact	Double Long	No	Yes	No	Disabled	Intrusion	Intrusion	Yes	136	Yes	Yes
<b>Outdoor - Siren Only</b>	Used for exterior or perimeter entry points such as an courtyard gate. Sounds siren only when tripped does not report alarm.	Outdoor No Dispatch	Gate Sensor, Motion Outdoor, Wired Input Module, D/W with Contact	Double Long	No	Yes	No	Disabled	Intrusion	Intrusion	No	000	No	Yes
<b>Panic</b>	Panic device used to notify police of a situation and sound the siren.	Panic, Police	Keyfob, Panic Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Panic	Intrusion	Yes	123	Yes	Yes
<b>Panic - Siren Only</b>	Panic device does not notify police, does sound sound the siren.	Panic, No dispatch, siren only	Keyfob, Panic Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Panic	Intrusion	No	000	Yes	Yes
<b>Panic Silent</b>	Panic device used to notify police of a situation, does not sound the siren.	Panic, Police, Silent	Keyfob, Panic Sensor, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	Yes	Disabled	Panic Silent	None	No	122	Yes	Yes
<b>Perimeter</b>	Perimeter device, used for perimeter doors, windows or gates. Entry/Exit delays do not apply, trips an immediate alarm and siren.	Intrusion, Perimeter	D/W, Wired Input Module, D/W with Contact	Disabled	Yes	Yes	No	Disabled	Intrusion	Intrusion	Yes	131	Yes	Yes
<b>Trigger</b>	Used on a device to trigger events and/or notifications. Does not report an alarm or sound siren.	Trigger for scenes	Any zone type for automation and notifications	Disabled	No	No	No	Disabled	None	Nonn	No	000	No	No

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