



IMPASSA and PowerSeries UL985 6th Edition Compliance Addendum

This document describes changes to the *IMPASSA Self-Contained 2-Way Wireless Security System* installation manual, PN# 29008970, and to the *PowerSeries Control Panel* installation manual, PN# 29008247, to comply with UL985 6th edition Residential Fire approvals updates.

Feature Change	Description	IMPASSA	PowerSeries
[*][2] Requires access code	This option enables/disables the need to enter an access code to view the [*][2] menu. On: User code is required to view the [*][2] menu. Doing so generates and logs an event. Off: Access code not required to view the [*][2] menu. This option must be enabled for UL985 6th Edition compliance.	[018] option 1	[022] option 1
Silencing trouble beeps	With [*][2] Requires Access Code enabled, trouble beeps generated by any trouble can only be silenced after the [*][2] menu is exited. A keypress alone will not silence trouble beeps. Note: Trouble beeps from wireless Fire/CO low battery and tamper conditions restart four hours after being silenced until the trouble condition is removed.	[018] option1 must be ON	[022] option 1 must be ON Press [9] in [*][2] menu
Fire and CO alarm silencing notification	Silencing of Fire or CO alarms is now indicated by a message on the LCD keypad. This message is displayed after the alarm is silenced by entering a user code, and while zone(s) that initiated the alarm are still open. The message is cleared after all Fire or CO zones have been restored.	Fire Alarm <> Bell Silenced or CO Alarm <> Bell Silenced	Fire Alarm <> Bell Silenced
Periodic test transmission interval	A test transmission must be sent to the monitoring station every 7 days.	[377] option 7 set to 7 days	[377] option 7 set to 7 days
Randomized test transmission time	For CP-01 and standard panels, random test transmission times are provided.	[378] default is 4:45. This value generates a random test transmission time from 00:00 to 23:59, except for 01:00 to 03:00.	[378] is pre-programmed with a random value
Troubles are latching	This new installer programming option enables/disables the need to manually clear (reset) a trouble condition after the trouble has restored. On: Troubles remain until viewed via [*][2]. Off: Troubles are cleared once restored.	[019] option 2 must be ON. All troubles are latching	To clear troubles, press [9] while in the [*][2] menu. Only zone fault troubles are latching.
Trouble beep cadence	Trouble beep cadence was changed from 60ms on/60ms off/60ms on every 10 seconds, to 250ms on/60ms off/250ms on every 10 seconds.		

Notes for UL Residential Fire installations:

- For Keypad models WT5500(P)-433, RFK5500-433 and PK5500-433, the cover shall be closed to prevent false activation of emergency keys.
- Use at least one PK5500-433 LCD keypad with PowerSeries control panel.
- When using hardwired CO Alarm Detectors with PowerSeries control panels, the maximum discharge current shall be limited to 250mA to ensure 24-hour standby operation followed by 4 minute CO alarm notification, followed by an additional 12 hours of CO Alarm notification.
- When using wireless CO alarm detectors with PowerSeries or IMPASSA control panels, model WS4913 or WS4933 shall be enrolled in the system (zone type is [41] 24-hour CO). Both CO detectors provide T4 CO alarm signal independent of the control unit and meet the 24 hour normal standby period, followed by the 12 hour alarm period requirements. The control panel provides T4 audible CO alarm for at least 5 minutes following 24 hour normal standby.



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Note for PowerSeries only:

For UL Residential Fire applications compliant with UL985 6th edition, the following guidelines shall be respected when the equipment is used as a combination alarm system for fire and burglary protection:

- Fire alarm detection devices shall not be powered from the same AUX output (control panel, zone expander, power supply) as burglary alarm initiating devices.
- Power supply wiring for fire alarm detection devices (smoke detectors, CO detectors) shall be connected to the control panel AUX output (located on the main control panel board assembly)
- Power supply wiring for burglary alarm initiating devices (motion detectors, magnetic contacts, glass break detectors, etc.) shall be connected to the AUX outputs of the compatible power supply module (located on the power supply module board assembly. e.g., PC5200, PC5204) or the AUX outputs of the expander module (located on the expander module board assembly. e.g., PC5108, PC5208)
- Two UL listed compatible keypads (e.g., PK500, RFK5500) shall be used, each having communication bus wiring directly connected to the RED/BLK/YEL/GRN located on the main control panel board assembly

Note for UL Fire and CO applications (PowerSeries only):

- For fire and CO applications, RM-1(C) or RM-2 power loop supervision relay shall be connected to Aux power output to report wiring faults when used for powering fire/CO detection devices.