# Analog Addressable Fire Panels

FPA-1000

**BOSCH**

**en** Release Notes

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# 1 General Notes

## 1.1 Short Description

This document covers two control panel versions: the original FPA-1000-UL Compact Fire Panel and the new release, the FPA-1000-V2 Analog Addressable Fire Panel. These FPA-1000 Fire Panels are advanced analog addressable control panels for small to large facilities in residential, commercial or public building applications.

The FPA-1000 control panels combine complete built-in Fire Alarm Control Panel (FACP) equipment such as Notification Appliance Circuits (NACs), Signaling Line Circuits (SLCs), relays, power supply, Digital Alarm Communicator Transmitter (DACT) and Ethernet connection with the expandability through the Option Bus or plug-in boards. The control panels have two integrated NACs that can be expanded with remote addressable NAC power boosters. These circuits can be programmed with specific activation patterns.

The FPA-1000-V2 control panels can be interconnected for peer-to-peer communication using Networking Cards. This allows up to eight FPA-1000-V2 control panels to act as a single group in a network in which all interconnected control panels act as one panel.

The standard control panel supports one Signaling Line Circuit (SLC) for up to 254 detectors and modules, or up to 127 analog sounder bases in combination with a suitable detector, for a total of 254 addressable device capacity per SLC. The control panel is easily expandable with the FPE-1000-SLC Signaling Line Circuit Plug-in Module doubling the address points.

On the front of the panel, six light-emitting diodes (LEDs) show fire alarm, gas alarm, power, supervisory, silence and trouble conditions. The built-in keypad can be used for total system control and programming. In addition, a large 4-line by 20-character alphanumeric LCD display shows programmed device point information. Four keys enable acknowledge, reset, silence, and drill functions.

The FPA-1000 control panels enable various programming approaches:
– Front panel programming
– On-site programming, using a laptop
– Off-site programming, with remote access via Ethernet (browser-based) or phone line (PSTN).

## 1.2 Version Naming of the FPA-1000 Software

The software version of the FPA-1000 Analog Addressable Fire Panels is displayed on the panel menu and Web page, in the format **x.xx** (for example: Version 1.02). The version 2.xx software runs on both the FPA-1000-UL Compact Fire Panel and the FPA-1000-V2 Analog Addressable Fire Panel, but the FPA-1000-UL control panel cannot be used in a network even with 2.xx software and an installed Networking Card.

# 2          Release Notes for Version 2.01

## 2.1        New Features in Version 2.01

The following features apply to both the FPA-1000-UL and the FPA-1000-V2:
–    **New devices:** Supports the following new Bosch SLC Devices:
   –    FAA-440-B4 Analog Standard Base 4-inch
   –    FAD-440-B4-ISO Analog Isolator Base 4-inch
   –    FAA-440-B6 Analog Standard Base 6-inch
   –    FAA-440-B6-ISO Analog Isolator Base 6-inch
   –    FAH-440 Analog Heat Detector
   –    FAP-440 Analog Photoelectric Detector
   –    FAP-440-D Analog Dual Ray Photoelectric Detector
   –    FAP-440-DT Analog Dual Ray Multisensor Detector Photo/Heat
   –    FAP-440-DTC Analog Dual Ray Multicriteria Detector Photo/Heat/CO
   –    FAP-440-T Analog Multisensor Detector Photo/Heat
   –    FAP-440-TC Analog Multicriteria Detector Photo/Heat/CO
–    **Number of zones:** On a standalone panel, the number of zones has been increased to 225.
–    **Number of floors:** The number of floors per system has been increased to 64.
–    **Trouble LED during panel initialization:** During initialization, the panel activates the global trouble zone, so outputs assigned to that zone follow the Trouble LED.
–    **New global zone:** Added global zone for Waterflow.
–    **Increased history event records:** The maximum number of history event records has been increased to 2999.
–    **Walk test timer reset:** In walk test mode, every activation from an input point restarts the 25-minute walk test timer.
–    **Silence at reset:** At the beginning of system reset, the panel silences every silenceable output according to the silence mode (audible only or audible/visible) programmed for the system.
–    **Sandwich Alarm silence/unsilence:** For sandwich alarms, at each transition the panel unsilences if it was silenced during the previous phase.

The following features apply only to the FPA-1000-V2:
–    **Peer-to-peer networking:** Supports peer-to-peer networking of up to eight FPA-1000-V2 control panels in a single group using FPE-1000-NE Networking Card 3-Ethernet, FPE-1000-NF Networking Card 1-Ethernet 2-Fiber Optic, or FPE-1000-NW Networking Card 1-Ethernet 2-Wired
–    **Number of zones:** In a networked system, each panel has 128 local zones plus 97 group zones and 18 global zones.
–    **Auto crossover detection:** Ethernet port on FPA-1000-V2 Mainboard supports automatic crossover detection, so connection can be made with either a cross-over cable or a straight CAT 5 cable.
–    **IP address and ID display:** During Lamp Test, holding the ACK button in for more than 3 seconds displays the panel IP address and ID number on the keypad.

## 2.2        Issues Fixed in Version 2.01

–    **NAC pattern selection:** The ability to choose a NAC pattern for the following global zones (Alarm Verification, Pre-signal, PAS, and Reset) has ben removed.

- **Global gas alarm zone NAC patterns:** Only the Steady and Temporal Code 4 NAC patterns are available for the global Gas Alarm zone.
- **Reduced system initialization speed:** On large systems with many FMR-1000 annunciators, updating annunciator status and initializing the system will take more time. Please use the battery calculator to plan your system to keep it within the specified time frame.
- **AUX terminal short causes reboot:** If the AUX terminals are shorted, a reboot is not initiated.
- **Class B SLC intermittent open/restore:** If a Class B SLC loop goes into an intermittent open/restore situation, it will no longer result in a false alarm being triggered.
- **Relay bypass issue:** The issue where the R2M RLY-1 was still activated after bypass has been corrected.
- **Alarm silence after pre-signal:** The silence function now works correctly when using the Pre-signal function.
- **PSTN SIA reporting time:** The DACT now only waits for the programmed interval between dialing attempts.
- **New SLC devices:** The FAP-325-T Analog Multisensor Detector has been removed from the literature as an SLC device.
- **4-Wire Alarm Verification:** The Alarm Verifiaction Delay type programming has been disabled for the contact modules.
- **Incorrect Alarm Verification Time:** The Inguide now correctly lists the alarm verification time of 90-180 seconds range.

## 2.3 Known Issues in Version 2.01

- **Answer unknown trouble:** When remote access is enabled, incoming calls (non-modem) result in a trouble message. Currently, a "work around" is to disable remote access.
- **Only one group allowed:** Currently, although up to eight panels can be networked, they must all be in the same group. Panels will be assignable to different groups in the next release, but, in the meantime, prevent access to functions (silence, reset, etc) by untrained, unauthorized personnel.
- **Multi-building interconnections:** Because any interconnected panel can control all interconnected panels, it is possible to silence or reset an alarm, trouble, or supervisory signal initiated by a panel in one building from another building. Since all interconnected panels are in the same group, this cannot be avoided. Panels will be assignable to different groups in the next release, but, in the meantime, prevent access to functions (silence, reset, etc) by untrained, unauthorized personnel.
- **incorrect temporal pattern:** FAA-325-B6S may produce an incorrect temporal pattern for the first cycle.
- **Zone limitation:** A maximum of four FAD-325-R Duct relays can be activated by a single zone to meet the 10 second time limitation.  If more than four FAD-325-R Duct relays are needed, assign to separate zones.
- **4-Wire Alarm Verification:** The Alarm Verifiaction Delay type is not listed for 4-wire detectors connected to a an FLM-325-CZM4 module, but can still be programmed. The literature indicates that this is a valid option.
- **440 detectors walk test:** The 440 detectors can remain in walk test mode with their LEDs flashing red if the walk test was not started and stopped with the same login.
- **Counting zone:** Counting Zone does not count properly if the Global Delay Mode is configured as Sandwich/Dual Zone and no floors are enabled for Sandwich or no dual zone dependancies are set

– **Shorted Option Bus Terminals issue:** If option bus terninal B (gnd) and terminal G (tx) are shorted, a transistor may break requiring replacement of the panel.

# 3          Release Notes for Version 1.14

## 3.1        New Features in Version 1.14

No new features introduced in this version.

## 3.2        Issues Fixed in Version 1.14

–   **SLC Class A open issue:** Panel may take longer than 200 seconds to reinitialize devices affected by an open on a Class A SLC.
–   **Device activate/deactivate:** FAA-326-B6S, FLM-325-SOM series cannot activate/ deactivate after cycling Aux power during an event.
–   **Option Bus issues:** Shorting of the option bus does not list troubles for each device that is missing. Earth grounding of the option bus causes trouble condition to cycle.
–   **Auto calibration issue:** If an alarm, trouble, or supervisory condition exists and there is a power loss on the auxiliary power supply, when the power is restored and the smoke detectors recalibrate, pre-existing conditions are not reported.
–   **Battery charger voltage level issue:** An issue that no trouble is reported when the battery charge level was below 24 V has been corrected.
–   **SLC intermittent open issue:** If the SLC loop is intermittently open and closed, troubles will be reported for the wrong devices.

## 3.3        Known Issues in Version 1.14

–   **incorrect temporal pattern:** FAA-325-B6S may produce an incorrect temporal pattern for the first cycle.
–   **Reduced system initialization speed:** On large systems with many FMR-1000 annunciators, tupdating annunciator status and initializing the system will take more time.  Please use the battery calculator to plan your system to keep it within the specified time frame.
–   **Incorrect Alarm Verification Time:** The Inguide incorrectly lists the alarm verification time of 60-120 seconds. This will be corrected to 90-180 seconds range with the next update of the document.
–   **Zone limitation:** A maximum of four FAD-325-R Duct relays can be activated by a single zone to meet the 10 second time limitation.  If more than four FAD-325-R Duct relays are needed, assign to separate zones.
–   **Presignal delay issue:** Presignal does not delay the City Tie reporting until the expiration of the timer.
–   **PAS delay issue:** PAS does not delay the off premise reporting. Activation of the event starts an immediate report.

# 4          Release Notes for Version 1.13

## 4.1        New Features in Version 1.13

No new features introduced in this version.

## 4.2      Issues Fixed in Version 1.13

- Alarm Verification Issue: The issue where the version 1.10, 1.11 or 1.12 FPA-1000 FACP may fail to recognize a verified smoke alarm when the Alarm Verification feature is turned on has been corrected for analog SLC detectors.

## 4.3      Known Issues in Version 1.13

- **Answer unknown trouble:** When remote access is enabled, incoming calls (non-modem) result in a trouble message. Currently, a "work around" is to disable remote access.
- **New SLC devices:** The FAP-325-T Analog Multisensor Detector is in the literature as SLC device, but is not available yet.
- 4-Wire Alarm Verification: The Alarm Verifiaction Delay type is not listed for 4-wire detectors connected to a an FLM-325-CZM4 module or with contact modules (FLM-325-I/ -I4/-!4-A/-I4-AI/-2I4/-IM or D326A).

# 5      Release Notes for Version 1.12

## 5.1      New Features in Version 1.12

No new features introduced in this version.

- **Display changes:** Instead of group, the panel displays the highest priority event. If any higher priority event comes in, the panel automatically switches to the new event.
- **Dual-zones improvement:** Changed the layout of the dual zone mapping in the web browser. Changed the name of "group" in Progrmming dual zones to "pairs." Set the maximum co-dependent zones of one zone to four different zones.
- **Hexadecimal reporting account number:** Regardless of which reporting format (menu/ web browser) is used, the panel can be programmed with hexadecimal reporting account numbers.
- **Point restoral upon reset:** Upon panel reset, the panel restores all existing alarms including fire/waterflow alarms, gas alarms, and supervisory alarms. This involves removing alarms from display and creating alarm restoral events of all existing alarms for history, reporting, and printing.
- **Ring count programming:** To delay the panel answering an incoming call on shared phone line 1, you can program up to 10 rings after which the panel will answer.
- **Trouble beep at system initializing:** Upon system initialization, the panel sounds the buzzer in trouble mode and lights the trouble LED until the system is normal or until a real trouble is indicated.

## 5.2      Issues Fixed in Version 1.12

- **Auto dialing type:** The auto dialing function has been fixed so that it correctly tests both pulse and tone dialing.
- **Battery trouble:** Fixed issue with battery restore being reported even without battery connection.
- **IP reporting with encryption and anti-replay:** Fixed the communication issue that occurs in v1.10 and v1.11 if both IP reporting with encryption and anti-replay are turned on and the reporting format is Modem IIIa$^2$ with text. In these versions with this combination chosen, some events cannot be sent to the receiver. After several retries, a communication fail event is shown on the panel.

- **New SLC devices:** The following SLC devices are supported:
  - FAP-325-IM Miniature Response Contact Monitor
  - FLM-325-I4-A Contact Monitor 4-inch Class A
  - FLM-325-I4-AI Contact Monitor 4-inch Class A w/Isolator
  - FLM-325-2R4-2A Dual Relay Module 2 A
  - FLM-325-2R4-2AI Dual Relay Module 2 A w/Isolator
  - FLM-325-2R4-8A Dual Relay Module 8 A
  - FLM-325-2R4-8AI Dual Relay Module 8 A w/Isolator
- **Phone line 2 trouble:** In/out calls on phone line 2 no longer initiate line disconnect trouble signals.
- **Real-time event printing features including programmable delay**: This feature, as described in the IOG and Online Help, is now available on MMI and Web page.

## 5.3 Known Issues in Version 1.12

- **Answer unknown trouble:** When remote access is enabled, incoming calls (non-modem) result in a trouble message. Currently, a "work around" is to disable remote access.
- **New SLC devices:** The FAP-325-T Analog Multisensor Detector is in the literature as SLC device, but is not available yet.

# 6 Release Notes for Version 1.11

## 6.1 New Features in Version 1.11

No new features introduced in this version.

## 6.2 Issues Fixed in Version 1.11

- **Phone line 1 troubles:** In/out calls on phone line 1 no longer initiate line disconnect or dialer answering trouble signals.

## 6.3 Known Issues in Version 1.11

- **Remote dial-up connection:** The remote dial-up connection for web-based programming is not working.

# 7 Release Notes for Version 1.10

## 7.1 New Features in Version 1.10

- Support for new SLC devices:
  - FAP-325-V2F Analog Photoelectric Smoke Detector Flat
  - FLM-325-NA4 Supervised Output Module (Class A and B)
  - FLM-325-NAI4 Supervised Output Module (Class A and B, with Isolator)
- Expansion of the SLC protocol to be able to connect up to 254 devices and/or modules to one SLC-loop (applies to new SLC devices)
- SLC device group types
- For the FPE-1000-SLC V1.25 or higher, the maximum SLC current is increased to allow more devices being connected to one SLC
- FLM-325-B6S: Programming option for activation by host detector

- NAC appliances (refer to *FPA-1000-UL NAC Compatibility List*, P/N F.01U.075.636):
    - New Wheelock and System Sensor devices have been added to the compatible devices' list
    - Gentex devices registered
    - Mainboard/Option Bus NAC patterns include Gentex
    - Built-in synchronization for appliances from Gentex
    - NAC patterns for global gas alarm zone include Temporal Code 4.
- Programming option for IP reporting communication with the Advanced Encryption Standard (AES)
- Programming option for SIA 300 and Modem IIIa$^2$ reporting formats: With text or without text
- Programming option for silence operation for relays and City Ties
- Programmable reset enable/disable option of the auxiliary power supply AUX/RST upon panel reset
- Programming options for sequential reset of Mainboard and Option Bus relays
- Global delay alarm option
- Programming option for sandwich alarm allows time-triggered phased evacuation (evacuation floor above, floor below)
- Dual-zone alarm allows for programming a dual-zone dependency
- Auto logout indication at Level 3
- Simplified software version indication (refer to *Section 1.2 Version Naming of the FPA-1000 Software*)
- Translation of the panel MMI and Web pages into the languages Portuguese and Spanish
- New features on the Web pages:
    - Off-line configuration tool
    - Online help
    - Allows for comparing and printing the programmed configuration
    - Allows timezone offset for time synchronization with PC

## 7.2      Issues Fixed in Version 1.10

- **Gas alarm:** Gas alarms are reported to the central station receiver as event type Fire Supervisory, if Modem IIIa$^2$ format is programmed. This fixes an issue that Gas alarm is not sent to the central station receiver.
- **History records for manual/automatic communicator tests:** Each communication test is recorded in history. It was not recorded in previous versions.
- **Fire trouble/restoral event codes:** If Modem IIIa$^2$ format is programmed, Fire trouble/restoral event codes are transmitted, instead of general trouble/restoral event codes.
- **Confirmation for remote programming access**: As soon as the option *Confirm At Panel* is enabled from the menu, web programming is allowed for 25 minutes. Remote programming is disabled 25 minutes later.
- **Phone line 1 disconnection:** The panel would sometimes indicate that the phone line 1 was disconnected after being installed for some period of time, preventing the DACT from transmitting reports via PSTN.

## 7.3      Known Issues in Version 1.10

- **Level 3 PIN login is blocked on the Web page**: Sometimes Level 3 PIN cannot login any more. The user must reset the Level 3 PIN from the panel menu.
- **Panel reset:** When resetting the panel, no fire restoral messages will be sent.

– **Communication loss counters for Supervised Output Modules**: If there are more than 100 FLM-325-N4 devices on an SLC, the loss counter values for the FLM-325-N4 devices on the SLC diagnostics menu are not always zero.
– **Indication of remaining time during Walk Test on Web:** Not available yet.
– **Forbidden characters for label text on Web page:**
The following characters must not be used on Web pages: < > & " ' .
The following characters are not displayed correctly on the panel's LCD: % \ ~
– **New SLC devices:** The following SLC devices are in the literature but not available yet:
    – FAP-325-T Analog Multisensor Detector Analog Multisensor Detector
    – FLM-325-I4-A Contact Monitor 4-inch Class A
    – FLM-325-I4-AI Contact Monitor 4-inch Class A w/Isolator
    – FLM-325-2R4-2A Dual Relay Module 2 A
    – FLM-325-2R4-2AI Dual Relay Module 2 A w/Isolator
    – FLM-325-2R4-8A Dual Relay Module 8 A
    – FLM-325-2R4-8AI Dual Relay Module 8 A w/Isolator
– **Installation and Operation Guide (IOG) Version 3.0:**
    – Page 85: It says, " If the panel is already silenced, pressing [SILENCE] causes an unsilence command in the panel". This feature was removed and the statement will be removed from the IOG accordingly in the next revision.
    – Silenceable options: The silenceable options for the Mainboard and Option Bus relays are not shown on the product MMI, but replaced by [EXT SIGNALING].
    – Page 133: The Web login screenshot on the page below shows a RESET button. Such button is not available on the product Web page.
    – Page 136: The description about the item "Compare Configuration" does not exactly match the software functionality. In fact, it should say, "You can compare either two different FPA-1000-UL configuration? files or preview saved/unimplemented changes".?
– **Real-time event printing features including programmable delay**: This feature is described in the IOG and Online Help, but is not yet available on MMI and Web page.
– **Compare Configuration:** With the IE Web browser, the "Compare Configuration" page cannot be saved as a file. (It works with the Mozilla Firefox browser.)
– **Web access:** After having confirmed, the user needs to reconfirm the Web access on the panel if no activities have been performed for 25 minutes. Sometimes after confirmation, reconfirmation is required before the time out of 25 minutes.
– **Menu 3.2.4:** When having selected from menu 3.2.4, sometimes the panel prints the SLC diag pages multiple times until the user exits the menu.

# 8 Release Notes for Version 1.03

## 8.1 New Features in Version 1.03

No new features

## 8.2 Issues Fixed in Version 1.03

– **Off hook time**: When accessing the panel remotely through the phone line the off hook time of a dropped call is reduced.
This fixes an issue that the panel didn't hang off in time after a remote call was dropped.
– **Powered IN terminals in Class B mode**: This fixes an issue when the CZM which is wired in Class B mode provided voltage to the IN terminals when there is an open trouble.

–  **Open trouble and power loss at IN terminals**: This fixes an issue when a Class A or Class B wired CZM which is connected to external auxiliary power has an open loop or open EOL during the "Auto Learn Difference" operation or "Add A Device" operation from the panel menu, there is no open trouble indication and there will be no power provided to the IN terminals. The devices between the IN terminals and the break will not have power.

–  **Aux power trouble and Auto Learn**: This fixes an issue that the CZM does not display the Aux power trouble when Aux power is missing and "Auto Learn" or "Auto Learn Difference" or "Add A device" from the panel menu was performed.

–  **Power loss at IN terminals after reset**: This fixes an issue when the CZM is wired in Class A mode and connected to external auxiliary power, and a open trouble is shown at the panel. The CZM provides voltage to both OUT and IN terminals. If there is still a break in the loop and reset is pressed, the devices connected to the IN terminals would lose power.

–  **Open trouble and global reset**: This fixes an issue when the CZM which is wired in Class A mode and connected to AUX/RST power still reads and displays the CZM as being in the open state even after repairing the Class A loop and pressing reset.

–  **28-day Auto Test Interval**: This fixes an issue where the next auto test report is sent approximately 1 hour later than expected, when setting the auto test interval to 28 days.

–  **FAA-325-B6S menu for the detector**: The menu item *Edit Sounder Base* for detectors is removed. The menu was intended as a shortcut from *Add A Device* or *Edit A Device* to *Edit Sounder Base* when programming SLC devices.
The *FPA-1000-UL Installation and Operation Guide* will be updated accordingly with Version 3.0.

–  **Listing of SLC devices after "Auto Learn Difference"**: This fixes an issue when a new device address is less than the greatest address of the existing devices, after "Auto Learn Difference" operation the SLC loop devices were not displayed completely in Internet Explorer.

## 8.3      Known Issues in Version 1.03

–  **CZM modules per SLC**: The number of Conventional Zone Modules (FLM-325-CZM4) per SLC module is limited to 32.

–  **Level 3 PIN login is blocked on the Web page**: Sometimes Level 3 PIN cannot login any more. The user must reset the Level 3 PIN from the panel menu.

–  **Communication loss counters for Supervised Output Modules**: If there are more than 100 FLM-325-N4 devices on an SLC, the loss counter values for the FLM-325-N4 devices on the SLC diagnostics menu are not always zero.

–  **Confirmation for remote programming access**: As soon as the option *Confirm At Panel* is enabled from the menu, web programming is allowed for 25 minutes. Remote programming is disabled 25 minutes later.

# 9      Release Notes for Version 1.02

## 9.1      New Features in Version 1.02

No new features

## 9.2          Issues Fixed in Version 1.02

– Increased reset time to allow conventional devices connected to the FLM-325-CZM4 a longer time to power off. This fixes an issue where sometimes it was required to press the Reset button a second time before the system would unlatch the alarm from a conventional device.

## 9.3          Known Issues in Version 1.02

– Troubles and restorals are occasionally reported if a D7035 Octal Relay Module is installed on the Option bus.
– **Level 3 PIN login is blocked on the Web page**: Sometimes Level 3 PIN cannot login any more. The user must reset the Level 3 PIN from the panel menu.
– **28-day Auto Test Interval**: When setting the auto test interval to 28 days, the next auto test report is sent approximately 1 hour later than expected.
– **Communication loss counters for Supervised Output Modules**: If there are more than 100 FLM-325-N4 devices on an SLC, the loss counter values for the FLM-325-N4 devices on the SLC diagnostics menu are not always zero.
– **Confirmation for remote programming access**: As soon as the option *Confirm At Panel* is enabled from the menu, web programming is allowed for 25 minutes. Remote programming is disabled 25 minutes later.
– **FAA-325-B6S menu for the detector**: The menu *Edit Sounder Base* for detectors is not working. The menu was intended as a shortcut from *Add A Device* or *Edit A Device* to *Edit Sounder Base* when programming SLC devices.

# 10          Release Notes for Version 1.01

## 10.1          New Features in Version 1.01

With Version 1.01, the panel's display supports Spanish and Portuguese.

## 10.2          Issues Fixed in Version 1.01

– No missing trouble reported if SLC card is unplugged while power is applied to the panel.
– On the Web page, the delay mode for the FLM-325-CZM4 is grayed out if the choice is not allowed.

## 10.3          Known Issues in Version 1.01

– Troubles and restorals are occasionally reported if a D7035 Octal Relay Module is installed on the Option bus.
– **Level 3 PIN login is blocked on the Web page**: Sometimes Level 3 PIN cannot login any more. The user must reset the Level 3 PIN from the panel menu.
– **28-day Auto Test Interval**: When setting the auto test interval to 28 days, the next auto test report is sent approximately 1 hour later than expected.
– **Communication loss counters for Supervised Output Modules**: If there are more than 100 FLM-325-N4 devices on an SLC, the loss counter values for the FLM-325-N4 devices on the SLC diagnostics menu are not always zero.
– **Confirmation for remote programming access**: As soon as the option *Confirm At Panel* is enabled from the menu, web programming is allowed for 25 minutes. Remote programming is disabled 25 minutes later.

– **FAA-325-B6S menu for the detector**: The menu *Edit Sounder Base* for detectors is not working. The menu was intended as a shortcut from *Add A Device* or *Edit A Device* to *Edit Sounder Base* when programming SLC devices.

# 11 Release Notes for Version 1.00

## 11.1 New Features in Version 1.00

New product release

## 11.2 Issues Fixed in Version 1.00

New product release

## 11.3 Known Issues with Version 1.00

None