

Analog Addressable Fire Panels FPA-1000 Series

en Operating Instructions Sheet



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Stand-alone Panel Operating Instructions Sheet

Local Service Representative:	
Address:	
Phone:	

Understanding the Built-in Keypad

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 . The alphanumeric keys are used to enter text information. The escape, enter and arrow keys (left, right, up, down) for menu navigation. The 4-line x 20 character alphanumeric LCD display shows programmed device point information. Four keys enable:

- [DRILL]: Turns on all unbypassed NACs and drillable relay outputs.
- [RESET]: Turns off the piezo; resets all input points and outputs to normal status.
- [SILENCE]: Quiets the bells/sirens for an alarm or trouble condition.
- Acknowledge [ACK]: Turns off the piezo and starts the investigation timer after a PAS activation or the trouble reminder for trouble events, if configured.

A built-in piezo provides an audible indication of the system status.

The panel offers different programmable authority levels. The PIN needed for authority Levels 2 and 3 (and restricted Level 1 if programmed) is a four-digit code. After pressing the enter key $[__]$, the user is prompted with the main menu and is able to press any shortcut key to perform the operations available. If the selected operation needs access to a higher authority level, the user is asked to enter the PIN.



	On	1	
	011	Silent	If AC power is applied to the panel
Green	Flashing	Periodic beep	When AC power fails and the unit operates from the battery power
		(0.5 s on, 9.5 s off)	
	Off	Silent	When no power (AC or battery) is applied
Fire	On	Continuous beep	Whenever the system registers a fire alarm and is not reset ³⁾
Red LED	Off	Silent	If no alarm is registered, and after resetting
Gas Alarm	On	Periodic beep	Whenever the system registers a gas alarm and is not reset ³⁾
Blue		(0.5 s on, 1.5 s off)	
	Off	Silent	If no gas alarm is registered, and after resetting
Supervisory	On	Periodic beep	When the system registers a supervisory condition
Yellow		(0.5 s on, 3.5 s off)	
	Off	Silent	When no supervisory condition is registered
Silenced	On	Silent	When an alarm or trouble condition is silenced manually by the user, or if the system
Yellow			auto-silence timer expires
1	Off	Silent	When no condition is silenced, or when the silenced condition is corrected
Trouble	On	Periodic beep	When the panel is initializing, or when the panel registers a trouble condition from a
Yellow		(0.5 s on, 9.5 s off)	point or the panel, or when inputs or outputs or other elements are bypassed
[Flashing	Silent	When the panel is not operating, or when a walk test is in progress
•	Off	Silent	When no trouble condition exists, or when the panel is resetting

the current date and time. If PAS or Pre-signal is turned on, the screen indicates "SYSTEM NORMAL DAY".

³⁾ Any off-normal conditions appear in categories classified as fire alarm, gas alarm, supervisory and trouble. Use the arrow keys to view events or conditions in the same category. Up and down keys move the user to the previous or next event, while left and right keys switch to other categoriess. The individual message display includes information about the point and the specific event or condition. The first event with the highest priority always appears on top with the number of such events listed.

Networked Panel Operating Instructions Sheet

Local Service Representative:	
Address:	
Phone:	

Understanding the Built-in Keypad

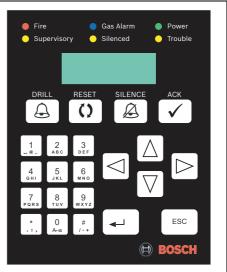
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Six light-emitting diodes (LEDs) show fire alarm, gas alarm, power, supervisory, silence and trouble conditions. The built-in keypad can be used for total system control and programming . The alphanumeric keys are used to enter text information. The escape, enter and arrow keys (left, right, up, down) for menu navigation. The 4-line x 20 character alphanumeric LCD display shows programmed device point information. Four keys enable:

- [DRILL]: Turns on all unbypassed NACs and drillable relay outputs.
- [RESET]: Turns off the piezo; resets all input points and outputs to normal status.
- [SILENCE]: Quiets the bells/sirens for an alarm or trouble condition.
- Acknowledge [ACK]: Turns off the piezo and starts the investigation timer after a PAS activation or the trouble reminder for trouble events, if configured.

A built-in piezo provides an audible indication of the system status.

The panel offers different programmable authority levels. The PIN needed for authority Levels 2 and 3 (and restricted Level 1 if programmed) is a four-digit code. After pressing the enter key [,-], the user is prompted with the main menu and is able to press any shortcut key to perform the operations available. If the selected operation needs access to a higher authority level, the user is asked to enter the PIN.



If networked, this panel can control or be controlled by other panels in the same network.

Image: wide of the i	LED Operation		Piezo Operation ¹⁾	System Status ²⁾	
(0.5 s on, 9.5 s off) Off Silent When no power (AC or battery) is applied Fire On Continuous beep Whenever the system registers a fire alarm and is not reset ³) Red LED Off Silent If no alarm is registered, and after resetting Gas Alarm On Periodic beep Whenever the system registers a gas alarm and is not reset ³) Blue (0.5 s on, 1.5 s off) Whenever the system registered, and after resetting Supervisory On Periodic beep When the system registers a supervisory condition Yellow (0.5 s on, 3.5 s off) When no supervisory condition is registered Silenced On Silent When no supervisory condition is registered Yellow Off Silent When no condition is registered Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from (0.5 s on, 9.5 s off) Yellow (0.5 s on, 9.5 s off) point or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress	Power	On	Silent	If AC power is applied to the panel	
OffSilentWhen no power (AC or battery) is appliedFireOnContinuous beepWhenever the system registers a fire alarm and is not reset 3)Red LEDOffSilentIf no alarm is registered, and after resettingGas AlarmOnPeriodic beep (0.5 s on, 1.5 s off)Whenever the system registers a gas alarm and is not reset 3)BlueOffSilentIf no gas alarm is registered, and after resettingOffSilentIf no gas alarm is registered, and after resettingSupervisoryOnPeriodic beep (0.5 s on, 3.5 s off)YellowOffSilentWhen no supervisory condition is registeredOffSilentWhen no supervisory condition is silenced manually by the user, or if the syst auto-silence timer expiresOffSilentWhen no condition is silenced, or when the silenced condition is correctedTroubleOnPeriodic beep (0.5 s on, 9.5 s off)When the panel is initializing, or when the panel registers a trouble condition from (0.5 s on, 9.5 s off)YellowFlashingSilentWhen the panel is not operating, or when a walk test is in progress	Green	Flashing	Periodic beep	When AC power fails and the unit operates from the battery power	
FireOnContinuous beepWhenever the system registers a fire alarm and is not reset 3)Red LEDOffSilentIf no alarm is registered, and after resettingGas AlarmOnPeriodic beep (0.5 s on, 1.5 s off)Whenever the system registers a gas alarm and is not reset 3)BlueOffSilentIf no gas alarm is registered, and after resettingGuestionOnPeriodic beep (0.5 s on, 1.5 s off)Whenever the system registers a gas alarm and is not reset 3)SupervisoryOnPeriodic beep (0.5 s on, 3.5 s off)When the system registers a supervisory conditionYellowOffSilentWhen no supervisory condition is registeredSilenced YellowOnSilentWhen an alarm or trouble condition is silenced manually by the user, or if the syst auto-silence timer expiresOffSilentWhen no condition is silenced, or when the silenced condition is correctedTrouble YellowOnPeriodic beep (0.5 s on, 9.5 s off)When the panel is initializing, or when the panel registers a trouble condition from point or the panel, or when inputs or outputs or other elements are bypassedYellowFlashingSilentWhen the panel is not operating, or when a walk test is in progress			(0.5 s on, 9.5 s off)		
Red LEDOffSilentIf no alarm is registered, and after resettingGas AlarmOnPeriodic beep (0.5 s on, 1.5 s off)Whenever the system registers a gas alarm and is not reset 3)BlueOffSilentIf no gas alarm is registered, and after resettingSupervisory YellowOnPeriodic beep (0.5 s on, 3.5 s off)When the system registers a supervisory condition (0.5 s on, 3.5 s off)Silenced YellowOnSilentWhen no supervisory condition is registeredSilenced YellowOnSilentWhen no condition is silenced, or when the silenced condition is correctedTrouble YellowOnPeriodic beep (0.5 s on, 9.5 s off)When the panel is initializing, or when the panel registers a trouble condition from youth the panel is not operating, or when a walk test is in progress		Off	Silent	When no power (AC or battery) is applied	
Gas Alarm BlueOn Periodic beep (0.5 s on, 1.5 s off)Whenever the system registers a gas alarm and is not reset 3)GueOffSilentIf no gas alarm is registered, and after resettingSupervisory YellowOn (0.5 s on, 3.5 s off)When the system registers a supervisory condition (0.5 s on, 3.5 s off)Silenced YellowOn (0.5 s on, 3.5 s off)When no supervisory condition is registeredSilenced YellowOn (0.5 s on, 3.5 s off)When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expiresOffSilentWhen no condition is silenced, or when the silenced condition is correctedTrouble YellowOn (0.5 s on, 9.5 s off)When the panel is initializing, or when the panel registers a trouble condition from yellowFlashingSilentWhen the panel is not operating, or when a walk test is in progress	Fire	On	Continuous beep	Whenever the system registers a fire alarm and is not reset ³⁾	
Blue (0.5 s on, 1.5 s off) Whenever the system registers a gas alarm and is not reset Blue (0.5 s on, 1.5 s off) If no gas alarm is registered, and after resetting Supervisory On Periodic beep When the system registers a supervisory condition Yellow (0.5 s on, 3.5 s off) When no supervisory condition is registered Silenced On Silent When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expires Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from yoint or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress	Red LED	Off	Silent	If no alarm is registered, and after resetting	
Blue (0.5 s on, 1.5 s off) Off Silent If no gas alarm is registered, and after resetting Supervisory On Periodic beep When the system registers a supervisory condition Yellow (0.5 s on, 3.5 s off) Off Silent When no supervisory condition is registered Silenced On Silent When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expires Yellow Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from (0.5 s on, 9.5 s off) Yellow Iff Silent When the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress	Gas Alarm	On	Periodic beep	Whenever the system registers a gas alarm and is not reset ³⁾	
Supervisory Yellow On Periodic beep (0.5 s on, 3.5 s off) When the system registers a supervisory condition Off Silent When no supervisory condition is registered Silenced Yellow On Silent When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expires Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep (0.5 s on, 9.5 s off) When the panel is initializing, or when the panel registers a trouble condition from point or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress	Blue		(0.5 s on, 1.5 s off)		
Yellow (0.5 s on, 3.5 s off) Off Silent When no supervisory condition is registered Silenced On Silent When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expires Yellow Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from point or the panel, or when inputs or outputs or other elements are bypassed Yellow Flashing Silent When the panel is not operating, or when a walk test is in progress		Off	Silent	If no gas alarm is registered, and after resetting	
Off Silent When no supervisory condition is registered Silenced On Silent When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expires Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from yellow Yellow Flashing Silent When the panel is not operating, or when a walk test is in progress	Supervisory	On	Periodic beep	When the system registers a supervisory condition	
Silenced On Silent When an alarm or trouble condition is silenced manually by the user, or if the system auto-silence timer expires Yellow Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from point or the panel, or when inputs or outputs or other elements are bypassed Yellow Flashing Silent When the panel is not operating, or when a walk test is in progress	Yellow		(0.5 s on, 3.5 s off)		
Yellow Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep (0.5 s on, 9.5 s off) When the panel is initializing, or when the panel registers a trouble condition from point or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress		Off	Silent	When no supervisory condition is registered	
Off Silent When no condition is silenced, or when the silenced condition is corrected Trouble On Periodic beep (0.5 s on, 9.5 s off) When the panel is initializing, or when the panel registers a trouble condition from point or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress	Silenced	On	Silent	When an alarm or trouble condition is silenced manually by the user, or if the system	
Trouble On Periodic beep When the panel is initializing, or when the panel registers a trouble condition from (0.5 s on, 9.5 s off) Yellow (0.5 s on, 9.5 s off) point or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress	Yellow			auto-silence timer expires	
Yellow (0.5 s on, 9.5 s off) point or the panel, or when inputs or outputs or other elements are bypassed Flashing Silent When the panel is not operating, or when a walk test is in progress		Off	Silent	When no condition is silenced, or when the silenced condition is corrected	
Flashing Silent When the panel is not operating, or when a walk test is in progress	Trouble	On	Periodic beep	When the panel is initializing, or when the panel registers a trouble condition from a	
	Yellow		(0.5 s on, 9.5 s off)	point or the panel, or when inputs or outputs or other elements are bypassed	
Off Silent When no trouble condition exists, or when the panel is resetting		Flashing	Silent	When the panel is not operating, or when a walk test is in progress	
		Off	Silent	When no trouble condition exists, or when the panel is resetting	
	When the p	anel is in th	e normal state (no alar	m, supervisory or trouble condition), the display message is "System Normal" along w	

the current date and time. If PAS or Pre-signal is turned on, the screen indicates "SYSTEM NORMAL DAY".

³⁾ Any off-normal conditions appear in categories classified as fire alarm, gas alarm, supervisory and trouble. Use the arrow keys to view events or conditions in the same category. Up and down keys move the user to the previous or next event, while left and right keys switch to other categoriess. The individual message display includes information about the point and the specific event or condition. The first event with the highest priority always appears on top with the number of such events listed.

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