



Analog Addressable Fire Panels

FPA-1000 Series



BOSCH

1 Stand-alone Panel Operating Instructions Sheet

Local Service Representative:

Address:

Phone:

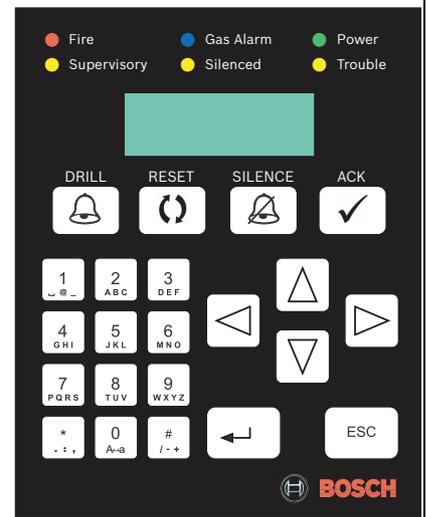
Understanding the Built-in Keypad

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.



LED Operation		Piezo Operation ¹⁾	System Status ²⁾
Power Green	On	Silent	If AC power is applied to the panel
	Flashing	Periodic beep (0.5 s on, 9.5 s off)	When AC power fails and the unit operates from the battery power
	Off	Silent	When no power (AC or battery) is applied
Fire Red LED	On	Continuous beep	Whenever the system registers a fire alarm and is not reset ³⁾
	Off	Silent	If no alarm is registered, and after resetting
Gas Alarm Blue	On	Periodic beep (0.5 s on, 1.5 s off)	Whenever the system registers a gas alarm and is not reset ³⁾
	Off	Silent	If no gas alarm is registered, and after resetting
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 Yellow	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 a 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

¹⁾ Short beep upon every key press.

²⁾ When the panel is in the normal state (no alarm, supervisory or trouble condition), the display message is "System Normal" along with 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 categories. 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.

2 Networked Panel Operating Instructions Sheet

Local Service Representative:
Address:
Phone:

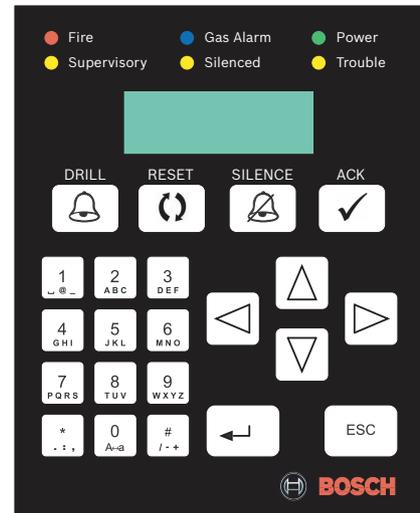
Understanding the Built-in Keypad

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.



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

LED Operation	Piezo Operation ¹⁾	System Status ²⁾
Power Green	On	Silent If AC power is applied to the panel
	Flashing	Periodic beep (0.5 s on, 9.5 s off) When AC power fails and the unit operates from the battery power
	Off	Silent When no power (AC or battery) is applied
Fire Red LED	On	Continuous beep Whenever the system registers a fire alarm and is not reset ³⁾
	Off	Silent If no alarm is registered, and after resetting
Gas Alarm Blue	On	Periodic beep (0.5 s on, 1.5 s off) Whenever the system registers a gas alarm and is not reset ³⁾
	Off	Silent If no gas alarm is registered, and after resetting
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 Yellow	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 a 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

¹⁾ Short beep upon every key press.

²⁾ When the panel is in the normal state (no alarm, supervisory or trouble condition), the display message is "System Normal" along with 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 categories. 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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