

Operating Instructions

Understanding the Keypad

This keypad is a full-function system controller and annunciator. The illuminated keypad has a 16-character vacuum fluorescent display (VFD) and a sounder that emits distinct condition tones to alert you to fire alarm, fire trouble, or fire supervisory events as they occur. In conjunction with the VFD and the sounder, four status LEDs provide the following system status indications: Fire, Silenced, Supervisory, and Trouble.

This document must be framed and mounted in view adjacent to the D1255RB Keypad.

Local Service Representative	
Name	_____
Address	_____
Phone	_____

Keypad Operation

The Status LEDs provide a quick indication of the fire system status.

Fire: Activates when a fire alarm condition exists; turns off when all fire alarm points return to normal.

Silenced: Activates after a fire alarm is silenced; turns off when a PIN and ESC is entered. This clears the alarm or trouble memory from the keypad display, when all points are in a normal state.

Supervisory: Activates when any point programmed as supervisory is not normal; turns off when all supervisory points return to normal.

Trouble: Activates when any system trouble or point trouble exists; turns off when the system

The diagram shows the Bosch Fire Keypad with a 16-character VFD, four status LEDs (Fire, Silenced, Supervisory, Trouble), and a keypad with 12 buttons: All, Instant, Delay, 1-9, 0, COMMAND, ESC, PREV, NEXT, ENT, and Acknowledge. The keypad also features a Test Weekly button and a Menu button.

Numeric keys: Use one or two in combination with the **COMMAND bar** to perform a function, or use to enter a PIN before pressing the **ENT** key.

COMMAND bar: Use in combination with one or two numeric keys to perform a function.

Navigation keys:
 Use **ESC** to enter the command menu, to complete a command entry, or to return to idle text.
 Use **PREV** to return to the previously viewed menu item.
 Use **NEXT/Acknowledge** to acknowledge an alarm or off-normal condition, or to move to the next menu item.
 Use **ENT** to complete a PIN entry, or to select a menu item.

The vacuum fluorescent display (VFD) shows system alarm and trouble messages: The pre-programmed custom text describes the specific point and its location.

The built-in sounder emits the following warning tones:
Fire signal: pulsed, high-pitched bell tone during fire alarm.
Trouble signal: two-tone warble during a trouble event.
Invalid key buzz: buzz tone when invalid key is pressed.
Keypad encoding tone: muted beep tone as each key is pressed.

Normal Operation: When the system is operating normally and is disarmed, the display shows the programmed idle text. The default system normal display is * FIRE SYSTEM *.

Fire Alarm Operation: When an alarm occurs, the fire LED activates, and the keypad emits a pulsing high-pitched fire tone. The tone sounds for a pre-programmed length of time. A display message appears that describes the first point that entered an alarm. Press the **NEXT** key to acknowledge the alarm. To view and acknowledge additional points that are in alarm, press **NEXT** repeatedly. The display shows Ax ## FIRE ALARM (x = the area number; ## = the number of fire alarms in Area x).

Fire Trouble Operation: When a trouble condition occurs (such as wiring for a point is cut, AC power fails, and so on), the keypad sounder activates briefly approximately every six seconds. The Trouble LED illuminates and Ax ## FIRE TRBL or the highest priority system trouble appears in the display. Press the **NEXT** key to acknowledge the trouble. To view and acknowledge additional system or point troubles, press **NEXT** repeatedly.

Fire Supervisory Operation: When a supervisory condition occurs, the sounder activates briefly approximately every six seconds. The Supervisory LED illuminates and Ax ## FIRE SUPV appears in the display. Press the **NEXT** key to acknowledge the supervisory condition. To view and acknowledge point supervisory conditions, press **NEXT** repeatedly.

Silencing and Resetting:

- Alarm Silence** Enter PIN (if required) and press **ENT**.
- Trouble Silence** Press the **COMMAND** bar and select 4.
- Detector Reset** Press the **COMMAND** bar and select 4 + 7.
- Annunciator Reset** Enter PIN (if required) and press **ESC**. This clears alarm or trouble memory from the keypad display, when all points are in a normal state.

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This keypad is a full-function system controller and annunciator. The illuminated keypad has a 16-character vacuum fluorescent display (VFD) and a sounder that emits distinct condition tones to alert you to fire alarm, fire trouble, or fire supervisory events as they occur. In conjunction with the VFD and the sounder, four status LEDs provide the following system status indications: Fire, Silenced, Supervisory, and Trouble.

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Local Service Representative	
Name	_____
Address	_____ _____ _____
Phone	_____

Keypad Operation

The **Status LEDs** provide a quick indication of the fire system status.

- Fire:** Activates when a fire alarm condition exists; turns off when all fire alarm points return to normal.
- Silenced:** Activates after a fire alarm is silenced; turns off when [ANNUNCIATOR RESET] key is pressed.
- Supervisory:** activates when any point programmed as supervisory is not normal; turns off when all supervisory points return to normal.
- Trouble:** Activates when any system trouble or point trouble exists; turns off when the system and all points return to normal.

The diagram shows the keypad layout with labels for the VFD, LEDs (Fire, Silenced, Supervisory, Trouble), and function keys (Alarm Silence, Trouble Silence, Detector Reset, Annunciator Reset, ESC, PREV, NEXT, ENT, Test Weekly).

Function keys:

- Press **Alarm Silence** to silence a fire alarm.
- Press **Trouble Silence** to silence a fire trouble.
- Press **Detector Reset** to reset detection devices such as smoke detectors. No smoke must be present and all fire devices such as pull stations must be reset first.
- Press **Annunciator Reset** to clear all alarm, trouble, and supervisory messages from the keypad if those conditions are restored.

Navigation keys:

- Use **ESC** to enter the command menu, to complete a command entry, or to return to idle text.
- Use **PREV** to return to the previously viewed menu item.
- Use **NEXT/Acknowledge** to acknowledge an alarm or off-normal condition, or to move to the next menu item.
- Use **ENT** to select a menu item.

The **vacuum fluorescent display (VFD)** shows system alarm and trouble messages: The pre-programmed custom text describes the specific point and its location.

The **built-in sounder** emits the following warning tones:

- Fire signal:** pulsed, high-pitched bell tone during fire alarm.
- Trouble signal:** two-tone warble during a trouble event.
- Invalid key buzz:** buzz tone when invalid key is pressed.
- Keypad encoding tone:** muted beep tone as each key is pressed.

Normal Operation: When the system is operating normally and is disarmed, the display shows the programmed idle text. The default system normal message is * FIRE SYSTEM *.

Fire Alarm Operation: When an alarm occurs, the Fire LED activates, and the keypad emits a pulsing high-pitched fire tone. The tone sounds for a pre-programmed length of time. A display message appears that describes the first point that entered an alarm. Press the **NEXT** key to acknowledge the alarm. To view and acknowledge additional points that are in alarm, press **NEXT** repeatedly. The display shows Ax ## FIRE ALARM (x = the area number; ## = the number of fire alarms in Area x).

Fire Trouble Operation: When a trouble condition occurs (such as wiring for a point is cut, AC power fails, and so on), the keypad sounder activates briefly approximately every six seconds. The Trouble LED illuminates and Ax ## FIRE TRBL or the highest priority system trouble appears in the display. Press the **NEXT** key to acknowledge the trouble. To view and acknowledge additional system or point troubles, press **NEXT** repeatedly.

Fire Supervisory Operation: When a supervisory condition occurs, the sounder activates briefly approximately every six seconds. The Supervisory LED illuminates and Ax ## FIRE SUPV appears in the display. Press the **NEXT** key to acknowledge the supervisory condition. To view and acknowledge point supervisory conditions, press **NEXT** repeatedly.

Silencing and Resetting:

- Alarm Silence** Press the **Alarm Silence** key to silence a fire alarm.
- Trouble Silence** Press the **Trouble Silence** key to silence a fire trouble.
- Detector Reset** Press the **Detector Reset** key to reset detection devices.
- Annunciator Reset** Press the **Annunciator Reset** key to clear all alarm, trouble, and supervisory messages when all points are in a normal state.