FMR-7033 LCD annunciator and control keypad

www.boschsecurity.com

The FMR-7033 LCD Keypad combines remote annunciator and controller functions for fire alarm systems controlled by the FPD-7024 Fire Alarm Control Panels (FACPs). It operates identically to the built-in user interface on the FACPs. You can connect up to four keypads to an FACP. The keypad allows starting local system tests, system programming, system control, and viewing the system’s event log remotely. It provides passcode-protected access to system functions allowing installation in areas open to the general public.

The two-line, 32-character LCD (liquid-crystal display) annunciates system status and events. The top line provides general system status information, while the bottom line identifies specific devices or instructions. An internal sounder signals alarm, supervisory, and trouble conditions and annunciates keystrokes during programming and control procedures. Four status LEDs indicate supervisory, alarm, trouble, and silenced conditions. A pull-out slide with operating instructions fits behind the mounting base.

Certifications and approvals

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
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<tbody>
<tr>
<td>USA</td>
<td>UL UL 864, Control Units and Accessories for Fire Alarm Systems</td>
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<tr>
<td></td>
<td>FM FMR-7033</td>
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<td>CSFM see <a href="http://www.boschsecurity.com">www.boschsecurity.com</a> (the Bosch website)</td>
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<td>FDNY-CoA 6173</td>
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Installation/configuration notes

Compatible Products
The keypad is compatible with the FPD-7024 Fire alarm control panels and the D7030X, D7030X-S2, and D7030X-S8 Annunciators.

Mounting
Surface mount or mount on a single-gang or four-inch square back box.
Wiring Guidelines
- Do not share keypad wiring with multiplex, telephone, or notification appliance circuit (NAC) wiring.
- Use a minimum of 22 AWG (ISO 0.34 mm²) four-wire cable - do not use twisted pair or shielded cable.

Notice
A minimum of 18 AWG (ISO 0.75 mm²) cable is required for NEC-NFPA-72.

- Do not exceed 1000 ft. (305 m) between the control panel and the remote keypads.
- Do not exceed 4000 ft. (1219 m) of keypad wiring per system.

Number of keypads
Do not connect more than four keypads. Place up to two keypads along any single 1000 ft. (305 m) run of 22 AWG (ISO 0.34 mm²) wire. Three keypads can be used on any single 1000 ft. (305 m) run of 18 AWG (ISO 0.75 mm²) wire.

Parts included

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Component</th>
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<tbody>
<tr>
<td>1</td>
<td>LCD keypad</td>
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<td>1</td>
<td>Literature pack</td>
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</tbody>
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Technical specifications

Environmental
- Environment: Indoor, dry
- Relative Humidity: Up to 95%, non-condensing
- Temperature (Operating): +32°F to +122°F (0°C to +50°C)

Mechanical
- Dimensions (HxWxD): 4.6 in. x 6.3 in. x 1.2 in. (12 cm x 16 cm x 3 cm)

Power (Option Bus)
- Current (alarm): 100 mA
- Current (standby): 80 mA
- Voltage (operating): 12 VDC nominal

Ordering information

FMR-7033 LCD annunciator and control keypad
Combines remote annunciator and controller functions for fire alarm systems controlled by an FPD-7024 Fire Alarm Control Panel. Order number FMR-7033.

Accessories
- D7030X Annunciator, 8 alarm LED
  Eight zone LEDs indicate alarm conditions. Order number D7030X
- D7030X-S2 Annunciator, 8 LED (2 supervisory)
  Two LEDs indicate supervisory conditions, six indicate alarm conditions. Order number D7030X-S2
- D7030X-S8 Annunciator, 8 LED (8 supervisory)
  All eight zone LEDs (yellow) indicate supervisory conditions. Order number D7030X-S8