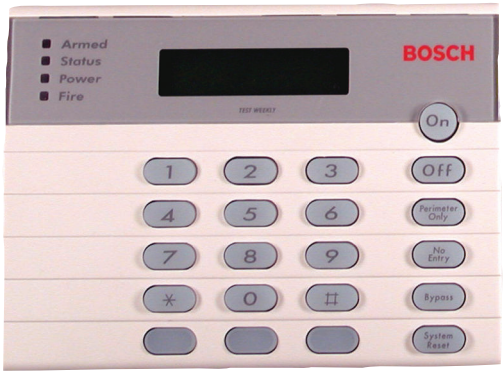
DS7447E Series LCD Keypads

www.boschsecurity.com

BOSCH
Invented for life



- Controls for volume, display brightness, and display contrast
- Easily-accessible instruction label
- Three programmable emergency keys

The DS7447E keypads are four-wire alphanumeric LCD keypads that can be used with the DS7060, DS7080iP-32, DS7200 Series, and DS7400Xi Series Control Panels. They supports all system functions. A keypad is required for local programming of the control panel. The keypads can be mounted on a surface or on standard single- or double-gang boxes, or four-inch square boxes.

Functions

Controls for Volume and Display
The non-alarm volume, display brightness, and display contrast are easily adjusted at the keypad.

Easily-accessible Instruction Label
Basic user instructions are located in a pull-out slide that can be installed to pull from either the left or the right.

Three Programmable Emergency Keys
The three unmarked keys across the bottom row of the keypad are programmable as a fire emergency key, a special emergency key, and a panic key. Adhesive labels are provided for use if the keys are programmed.

Certifications and approvals

Region	Certification	
Europe	CE	2004/108/EC EMC Directive (EMC), 2006/95/EC Low-Voltage Directive (LVD) [DS7447E, -BEL, -EXP, -ITA, -SWE]

Installation/configuration notes

Compatibility Information

Control Panels	DS7060, DS7080iP-32, DS7400Xi Series, DS7240V2 and DS7220V2 Series

Wiring
The wire length between the keypad and the control panel must be no more than 305 m (1000 ft). Up to two keypads can be placed along any single 305 m (1000 ft) run of 0.8 mm (22 AWG) non-shielded, quad (four-wire) cable. Three keypads can be used on any single 305 m (1000 ft) run of 1.2 mm (18 AWG) non-shielded, quad (four-wire) cable.

Notice
Do not mount outdoors.

Commercial Fire Applications

The DS7447E keypad can be used in commercial fire applications with the DS7400Xi Control Panels as follows:

- **Single Keypad Use in Commercial Fire Systems:** The keypad must be used on the keypad bus and must be assigned as Keypad Address 1. It can be mounted on the front of the control panel enclosure. If it is not mounted on the front of the control panel enclosure, you must mount it in the same room as and within 6 m (20 ft) of the control panel, and run the wire in conduit or provide equivalent protection against mechanical damage.
- **Multiple Keypad Use in Commercial Fire Systems:** One keypad must be used on the keypad bus and must be assigned as Keypad Address 1. It can be mounted on the front of the control panel enclosure. If it is not mounted on the front of the control panel enclosure, you must mount it in the same room as and within 6 m (20 ft) of the control panel, and run the wire in conduit or provide equivalent protection against mechanical damage.
  Connect keypads 2 through 10 to the keypad bus and place as needed within the wiring limits.
  Use only one keypad on the option bus and assign it as keypad address 11, 12, 13, or 14.

Notice
Keypad 15 is not available on commercial fire systems because Option Bus Address 15 is used for the DS7420i Dual Phone Line/Bell Supervision Module.

Notice
On the DS7400Xi Control Panels, up to 11 keypads can be used in commercial fire mode. Install one keypad on the option bus and up to ten keypads on the keypad bus.

Notice
When using multiple keypads in a commercial fire application, a UL Listed auxiliary power supply might be required.

Technical specifications

Environmental Considerations

Relative Humidity:	5% to 93% at +32°C (+90°F), non-condensing
Temperature (Operating):	0°C to +50°C (+32°F to +122°F)

Power Requirements

Current Draw:	95 mA idle; 200 mA max (with speaker volume and backlight brightness at maximum)
Voltage (Operating):	12 VDC

Product Characteristics

Dimensions:	12 cm x 21 cm x 2 cm (4.6 in. x 8.2 in. x 0.8 in.)
Weight:	439 g (15.5 oz)

Ordering information

DS7447E LCD Keypad
Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E**

DS7447E-EXP LCD Keypad
For export. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-EXP**

DS7447E-BEL LCD Keypad
For use in Belgium. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-BEL**

DS7447E-FRA LCD Keypad
For France. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-FRA**

DS7447E-GRE LCD Keypad
For use in Greece. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-GRE**

DS7447E-ITA LCD Keypad
For use in Italy. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-ITA**

DS7447E-NOR LCD Keypad
For use in Norway. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-NOR**

DS7447E-SPA LCD Keypad
For use in Spain. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-SPA**

DS7447E-SWE LCD Keypad
For use in Sweden. Provides volume controls, display brightness controls, display contrast controls, and three programmable emergency keys.
Order number **DS7447E-SWE**

Represented by:

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:
Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com

© Bosch Security Systems 2013 | Data subject to change without notice
2534411275 | en, V2, 01. Oct 2013