

DS7447E Keypad

Prod. ID	DS7447E
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The DS7447E is a 4-wire alphanumeric LCD keypad that may be used with the DS7060, DS7080iP-32, DS7200 Series and DS7400Xi Series of Control/Communicators. It supports all system functions. The keypad is required for local programming of the control/communicator. The keypad may be mounted on a surface or to standard single or double gang boxes, or 4-inch square boxes.

■ Features

- Display brightness, contrast and volume controls
- Instruction label and pull-out slide
- Three programmable emergency keys

■ Basic Functions

Display brightness, contrast and volume controls

The keypad's display brightness is adjusted by pressing and holding the [*] key, and then pressing [3] to increase the brightness or [6] to decrease the brightness. The keypad's display contrast is adjusted by turning the contrast control.

The keypad's non-alarm volume is adjusted by pressing and holding the [*] key, and then pressing [1] to increase the volume or [4] to decrease the volume.

Instruction label and pull-out slide

An instruction label is provided and needs to be placed onto the pull-out slide. The slide may be installed to pull from the left or the right.

Three programmable emergency keys

The unmarked emergency key in the lower left corner of the keypad has pre-set values in the control panel as a fire emergency key. The other two keys can be programmed as a special emergency key and a panic key. Stick-on labels are provided for use if the keys are programmed.

■ Planning

Wiring

The wire length between the keypad and the control panel must be within 1000 ft. (305 m). Up to two keypads may be placed along any single 1000 ft. (305 m) run of 22 AWG (0.8 mm) non-shielded, quad (four-wire) cable. Three keypads may be used on any single 1000 ft. (305 m) run of 18 AWG (1.2 mm) non-shielded, quad (four-wire) cable.

Note: Do not mount outdoors.

Commercial Fire applications

The DS7447E may be used in Commercial Fire applications with the DS7400Xi Series Control/Communicators as follows:

Single Keypad Use in Commercial Fire Systems:

- The keypad must be used on the keypad bus and mounted to the front of the control enclosure OR if within the same room as the control equipment, with the wire run in conduit (or equivalently protected against mechanical injury) within 20 ft. (6 m) of the control equipment. The keypad must be assigned as keypad address 1.

Multiple Keypad Use in Commercial Fire Systems:

- One keypad only must be used on the options bus and assigned as keypad address 11, 12, 13, or 14. The keypad must be mounted to the front of the control enclosure OR if within the same room as the control equipment, with the wire run in conduit (or equivalently protected against mechanical injury) within 20 ft. (6 m) of the control equipment.
- Keypads 1-10 should be connected to the keypad bus and may be placed as needed (within the wiring limits). One of these keypads must be assigned as keypad address 1.

Note: Keypad 15 is not available on Commercial Fire Systems as option bus address 15 is used for the DS7420i Dual Phone Line/Bell Supervision Module.

Note: On the 7400Xi (rev. 3), a maximum of eleven keypads may be used in Commercial Fire mode. One on the option bus and up to ten on the keypad bus.

Note: When using multiple keypads in a Commercial Fire application, a UL Listed auxiliary power supply may be required.

■ Technical Specifications

Compatible Panels	DS7400Xi Series, DS7200 Series, DS7080iP-32, DS7060
Environmental Considerations	
Relative Humidity:	5% to 93% @ +90°F (+32°C). non-condensing
Temperature (Operating):	+32°F to +122°F (0°C to +50°C)
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 (HxWxD):	4.6 in. x 8.2 in. x 0.8 in. (12 cm x 21 cm x 2 cm)
Weight:	15.5 oz. (439 g)