

LightSYS™

Flexible Hybrid System

EN

LCD Keypad & LCD Proximity Keypad

(Models: RP432KP, RP432KPP)



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G R O U P

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Installing the LightSYS Keypad

1

2

3

4 **Main Panel Back Side**

RED BLK YEL GRN
AUX COM BUS BUS

ID	1	2	3	4	ID	1	2	3	4
01	OFF	OFF	OFF	OFF	09	OFF	OFF	OFF	ON
02	ON	OFF	OFF	OFF	10	ON	OFF	OFF	ON
03	OFF	ON	OFF	OFF	11	OFF	ON	OFF	ON
04	ON	ON	OFF	OFF	12	ON	ON	OFF	ON
05	OFF	OFF	ON	OFF	13	OFF	OFF	ON	ON
06	ON	OFF	ON	OFF	14	ON	OFF	ON	ON
07	OFF	ON	ON	OFF	15	OFF	ON	ON	ON
08	ON	ON	ON	OFF	16	ON	ON	ON	ON

	A	B	C
EN	12VDC	LightSYS BUS	BUS Address
IT	Alimentazione 12 Vcc	LightSYS BUS Dati	Indirizzo ID BUS
ES	12VCC	BUS LightSYS	Dirección BUS
FR	12VCC	BUS LightSYS	ID BUS
PL	12VDC	BUS LightSYS	BUS Adres
EL	12VDC	BUS LightSYS	BUS διεύθυνση

5







6

Introduction


The user-friendly LightSYS LCD/LCD Proximity keypad enables simple operation and programming of the LightSYS and ProSYS security systems.

The following instructions offer a brief keypad operation overview. For detailed information on programming the system, refer to the LightSYS or ProSYS *Installer* and *User* manuals.

Indicators











 Power	On	System is operating properly from AC power, its backup battery is in good condition and there are no troubles in the system.
	Off	No power.
	Slow Flash	System is in programming.
	Rapid Flash	System trouble (fault).
 Ready	On	System is ready to be armed.
	Off	System is not ready to be armed
	Slow Flash	System is ready to be armed (set) while exit/entry zone is open.
 Arm (Set)	On	System is armed in Full Arm or Stay Arm (Part Set) mode.
	Off	System is disarmed (unset).
	Slow Flash	System is in Exit Delay.
	Rapid Flash	Alarm condition.
 Stay / Bypass (Part Set/ Omit)	On	System is in Stay Arm (Part Set) or Zone Bypass (omit) mode.
	Off	No bypass zones in system.
 Tamper	On	Zone/keypad/external module has been tampered.
	Off	All zones are operating normally.
 Fire	On	Fire alarm.
	Off	Normal operation.
	Flashing	Fire circuit problem.

LED (Red)




Arm / Alarm	Behaves in the same manner as the  indicator.
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Keys

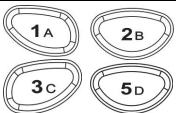
Control Keys

	<p>In Normal Operation mode: Used for Away (Full setting).</p> <p>In User Functions menu: Used to change data.</p>
	<p>In Normal Operation mode: Used for Stay arming (Part Setting).</p> <p>In User Functions menu: Used to change data.</p>
	<p>Used to disarm (unset) the system after a user code is entered; /OK is used to terminate commands and confirm data to be stored.</p> <p>Note:</p> <p>The  key is equivalent to the  key on ProSYS keypads.</p>
	<p>Used to scroll up a list or to move the cursor to the left ; ① Provides the system status.</p>
	<p>Used to scroll down a list or to move the cursor to the right.</p>
	<p>Note:</p> <p>The  icon is equivalent to the  icon on ProSYS keypads.</p> <p>In Normal Operation mode: Used to enter the User Functions menu.</p> <p>In User Functions menu: Used to move back one step in the menu.</p>


Emergency Keys

	<p>Pressing both keys simultaneously for at least two seconds activates a Fire alarm.</p>
	<p>Pressing both keys simultaneously for at least two seconds activates an Emergency alarm.</p>
	<p>Pressing both keys simultaneously for at least two seconds activates a Police (Panic) alarm.</p>

Function Keys

	Used to arm (set) groups of zones (by default) or to activate a prerecorded series of commands (macros). To activate press for 2 seconds.
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Numeric Keys


	Used to input numbers when required.
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Keypad Settings

Note:



The following settings must be defined individually for each keypad connected to the system.

To define keypad settings, follow this procedure:

1. Press  for two seconds until the Keypad Settings menu appears.
2. Select the relevant icon using the  and  keys. To enter option, press: 

-  Brightness
-  Contrast
-  Keypad's buzzer volume
-  Language (ProSYS mode only)




Note:

- The LightSyS Language option can always be accessed by simultaneously pressing  and .
- For ProSYS versions prior to 5, set the keypad language according to the panel language.

-  Panel RP432/RP128 (ProSYS)

Note:

Select RP432 when the keypad is connected to the LightSYS (default) or RP128 when the keypad is connected to ProSYS.



- Adjust settings with arrow keys. Confirm adjusted settings with .
- Press  to save the adjusted settings.
- Press  to exit the keypad settings menu.

Using the Proximity Tag

The proximity tag, used with the proximity LCD keypad (RP432 KPP) is correctly used by applying it within a 4 cm distance from the front of the keypad bottom, as shown at right.



Automatic Upgrade Resulting from Panel Manual Upgrade

Upon initiation of the LightSYS panel remote upgrade (See *LightSYS Installer Manual, Appendix I: Remote Software Upgrade*), the keypad software may automatically also be upgraded. During this approximately three-minute process an upgrade icon () and the power icon () are displayed on the keypad and the LED light flashes. Do not disconnect during this period

Technical Specifications

Current consumption	
RP432 KP	13.8V +/-10%, 48 mA typical/52 mA max.
RP432 KPP	13.8V +/-10%, 62 mA typical/130 mA max.
Main panel connection	4-wire BUS, up to 300 m (1000 ft) from Main Panel
Dimensions	153 x 84 x 28 mm (6.02 x 3.3 x 1.1 inch)
Operating temperature	-10°C to 55°C (14°F to 131°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Prox. RF frequency	13.56MHz
Complies with EN 50131-3 Grade 2 Class II	

Ordering Information

Model	Description
RP432 KP	LightSYS LCD Keypad
RP432 KPP	LightSYS LCD Keypad with Proximity 13.56MHz
RP200KT	10 prox keytags (13.56MHz)

FCC Note

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference and
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC ID: JE4RP432KPP

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- a. Reorient or relocate the receiving antenna.
- b. Increase the separation between the equipment and receiver.
- c. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- d. Consult the dealer or an experienced radio/TV technician.

FCC Warning

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RTTE Compliance Statement

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the EC Declaration of Conformity please refer to our website: www.riscogroup.com.



RISCO Group Limited Warranty

RISCO Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection.

Seller, in no event shall be liable for any direct or indirect damages or any other losses occurred due to any type of tampering, whether intentional or unintentional such as masking, painting or spraying on the lenses, mirrors or any other part of the detector. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a guaranty that such event will not occur or that there will be no personal injury or property loss as a result thereof.

Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, seller's maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.

Contacting RISCO Group

RISCO Group is committed to customer service and product support. You can contact us through our website www.riscogroup.com or as follows:

United Kingdom

Tel: +44-(0)-161-655-5500

E-mail: support-uk@riscogroup.com

Italy

Tel: +39-02-66590054

E-mail: support-it@riscogroup.com

Belgium (Benelux)

Tel: +32-2522-7622

E-mail: support-be@riscogroup.com

China (Shanghai)

Tel: +86-21-52-39-0066

E-mail: support-cn@riscogroup.com

France

Tel: +33-164-73-28-50

E-mail: support-fr@riscogroup.com

Spain

Tel: +34-91-490-2133

E-mail: support-es@riscogroup.com

USA

Tel: +1-631-719-4400

E-mail: support-usa@riscogroup.com

Israel

Tel: +972-3-963-7777

E-mail: support@riscogroup.com

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