

WL Panda for LightSYS



Model: RW432KPP

Installation and User Guide

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The 2-Way WL Panda for LightSYS keypad enables communication between the wireless keypad and a LightSYS control panel. Being bi-directional, the 2-Way keypad receives a reply status indication from the panel for each command sent to the panel. You can operate the keypad either using a code or a proximity tag.

Main Features

- Bi-directional Wireless Communication
- S.O.S / Two-way communication emergency key
- Proximity tag operation
- Double tamper protection (Box & Wall)
- Battery economy mode

Communication Setup

The WL Panda for LightSYS keypad must identify itself to the system receiver. This can be done by typing the 11-digit serial number of the keypad into the system or using RF mode.

Setup using RF communication

- From the Wired Keypad, navigate to the Programming (installer) menu, select **7)Install > 2)WL Device > 2)Allocation > 1)By RF > 3)Keypad** and then press 
- If there are two receivers allocated to the system, select the receiver you wish to allocate and then press 
- Select the Keypad location in the system and then press 
- On the WL Panda for LightSYS Keypad you wish to allocate, send a Write message by pressing both keys   simultaneously for at least 2 seconds; the keypad will display the Serial Number.
- On the Wired Keypad, press  to complete the allocation procedure



Setup by Serial Number

1. From the Wired Keypad, navigate to the Programming (installer) menu, select **7)Install**
> **2)WL Device** > **2)Allocation** > **2)By Code** > **3) Keypad** and then press 
2. If there are two receivers allocated to the system, select the receiver you wish to allocate and then press 
3. Select the Keypad location in the system and then press 
4. Enter the Keypad's 11-digit Serial Number and then press  ; the keypad will display the Serial Number.

NOTE: Adding the keypad to the system can also be done remotely using the configuration software by entering the serial number of the keypad or by RF communication.

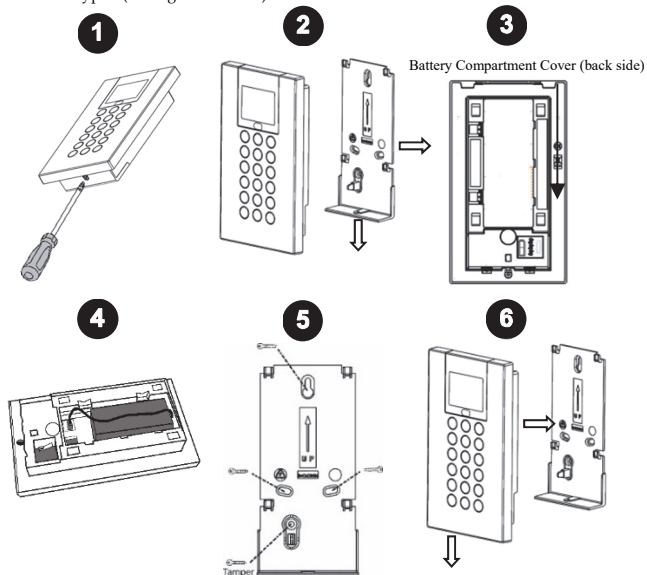


Mounting the Keypad

Mount the keypad on the wall using the supplied mounting bracket.

NOTE: Before mounting the keypad test the keypad communication with the system.

1. Remove the fastening screw that secures the mounting bracket to the keypad (see Figure 1).
2. Separate the mounting bracket from the keypad (see Figure 2).
3. Release battery cover from the keypad's battery compartment (see Figure 3).
4. Attach the battery cable to the battery connector (see Figure 4), insert the batteries (while paying attention to the polarity of the batteries) and close the battery compartment.
5. Allocate the Keypad to the Receiver (see Communication Setup).
6. Using the mounting holes as a template secure the mounting bracket to the wall (see Figure 5).
7. Mount the keypad to the mounting bracket and insert the fastening screw to lock the keypad (see Figures 6 and 1).



Main Keypad Operations

Visual Indicators

The following visual indicators are displayed on the LCD Keypad:

Icon	Indication	Operation
 Trouble	On	System trouble
	Off	System is operating normally
	On	System is ready to be armed
	Off	System is not ready to be armed
	Slow Flash	System is ready to be armed while exit/entry zone is open
 Arm / Alarm	On	System is armed in Full Arm or Stay Arm mode
	Off	System is disarmed
	Slow Flash	System is in Exit Delay
	Rapid Flash	Alarm condition
 Stay / Bypass	On	System is Stay Arm mode (Part Set) or Zone Bypass mode
	Off	No bypass zones in the system
 Tamper	On	Zone/keypad/external module has been tampered
	Off	All zones are operating normally
 Cloud Connectivity	On	System connected to cloud
	Slow Flash	Cloud connectivity trouble
	Off	No cloud connection configured / No cloud connectivity

User Operations

Control Keys

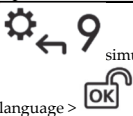
The following lists details the user operations from the 2-Way WL Panda for LightSYS keypad.

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

Common User Operations

Key	Operation
Away (Full Setting)	Code > 
Stay (Part Settings)	Code > 
Disarm (Unset) and Silence an alarm	Code > 

Key	Operation
Away (Full Setting) partition 1/2/3/4	Code >  1234 
Stay (Part Settings) partition 1/2/3/4	Code >  1234 
Partition Disarm (Unset)	Code >  1234 
Duress Unset	Duress Code > 
Quick Zones Bypass (Omit)	Code >  [Zone No.]
Activate Output	  [Code]  [Activities]  [Output] Control]  [Prgrm Output Num]
Define Follow-Me	  [Code]  [Follow Me]  [Define]
View Fault	  [Code]  [View]  [Fault]
View Event Log	  [Code]  [Event Log] 
Keypad Chime On/Off	  [Code]  [Activities]  [Keypad sound]  [Chime]
Edit User Code	  [Code]  [Codes/Tags]  [Define]

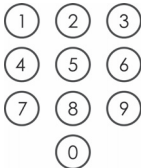
Key	Operation
Changing Keypad Language	 simultaneously for 2 seconds > select language >

Emergency Keys

The following operations will send emergency notifications to the alarm monitoring station

Key	Operation
4 + 6	Pressing both keys simultaneously for at least two seconds activates a Fire alarm
7 + 9	Pressing both keys simultaneously for at least two seconds activates an Emergency alarm
 + 	Pressing both keys simultaneously for at least two seconds activates a Police (Panic) alarm

Function Keys

Key	Operation
	Numerical keys that are used to input numeric codes (arming, disarming or used to activate specific functions)



Keypad Settings

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

➤ To define keypad settings when idle follow this procedure:

1. Press  for two seconds until the Keypad Settings menu appears

2. Select the relevant icon using the  keys:

	Brightness
	Contrast
	Keypad's buzzer volume

3. Press .

4. Press the  keys to adjust the level settings.

5. Press  to save the adjustment.

6. Press  to exit the keypad settings.

Proximity Tag Operation

Present the Proximity Tag to the keypad (after waking the keypad) as shown in the following illustrations:

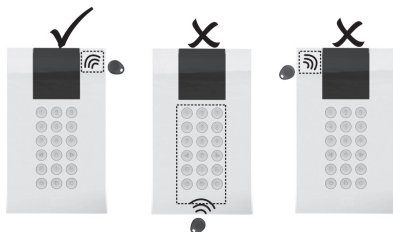


Figure 8

Sleep Mode

For extending the battery life of the keypad, the keypad is designed with a Sleep mode function. By default, 10 seconds after the last key has been pressed, the keypad will turn off its display and LEDs. The time can be configured by your installer to a maximum of 60 seconds.

Replacing Batteries

1. Remove the fastening screw that secures the mounting bracket to the keypad (see Figure 1).
2. Slide the keypad and remove it from the mounting bracket.
3. Remove the battery compartment cover.
4. Disconnect the battery cable from the battery connector.
5. Replace the batteries while paying attention to the polarity of the batteries (see Figure 9).

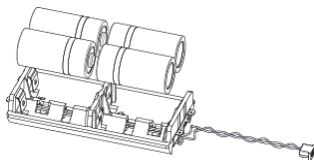


Figure 9

6. Reconnect the battery cable to the battery connector.
7. Close the battery compartment cover, place the keypad back on the wall and secure the screw to its place.

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

Technical Specification

Electrical	
Battery Type	CR123, 3V Lithium battery (x 4)
Current Consumption	Standby current 9µA, Max current 150 mA
Power Output	868.65MHz: 10 mW
Frequency	433.92, 868.65, 915 MHz
Modulation Type	OOK
Typical Battery Life	3 years
Low battery indication	2.6 V
Proximity RF frequency	13.56 MHz
Physical	
Dimension (HxWxD)	180 x 115 x 35 mm (7.1 x 4.5 x 1.4")
Weight (Including batteries)	0.435 kg
Environmental	
Operating temperature	-10°C to 55°C (14°F to 131°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Humidity Range	Average relative humidity: 75%
Standard Compliance	EN 50131-1, EN 50131-3 Grade 2, Environmental Class II, EN 50131-6 Type C, EN 50131-5-3, PD6662:2017
Certification body	Applika Test & Certification

Ordering Information

Model	Description
RW432KPP400A	WL Panda for LightSYS Keypad Prox, 433
RW432KPP800A	WL Panda for LightSYS Keypad Prox, 868

Standard Compliance

RED Compliance Statement:

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. For the CE Declaration of Conformity please refer to our website: www.riscogroup.com.



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