

# Panda Wireless LCD Keypad Instructions



**EN**

**Models: RW332KP, RW332K**

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## INTRODUCTION

The 2-Way WL Panda keypad is used to remotely program and operate the RISCO wireless security systems. 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
- Full wireless installer programming
- Up to 3 Wireless keypads per system
- S.O.S / Two way communication emergency key
- Proximity tag operation
- Double tamper protection (Box & Wall)
- Battery economy mode

## COMMUNICATION SETUP

The wireless Panda 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. To set up the keypad using the serial number refer to the security system installation manual.

### Setup using RF communication:

1. Set the receiver to Learn Mode.
2. Send a Write message by pressing both keys   simultaneously for at least 2 seconds. In a voice supported system, the keypad will sound a confirmation beep and the system will beep to acknowledge.
3. If required to change the keypad's default settings, configure the keypad's parameters according to the system installation manual.

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**Note:** Adding the keypad to the system can be done remotely using the configuration software by entering the serial number of the keypad.

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## MOUNTING THE KEYPAD

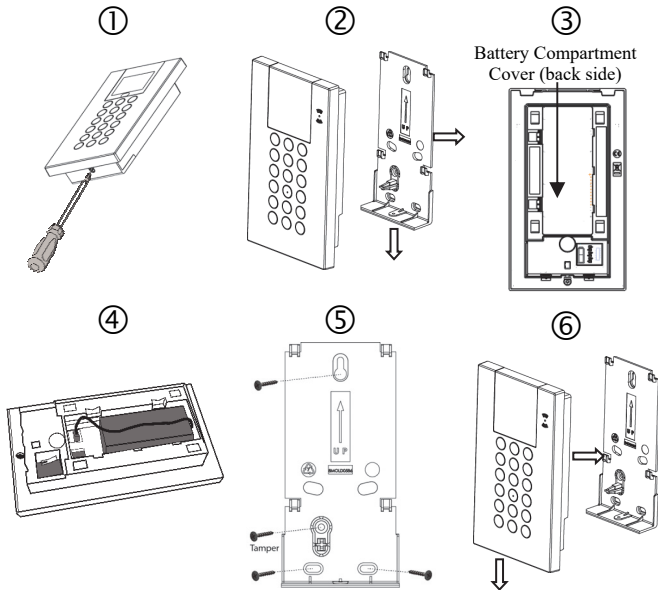
Mount the keypad on the wall using the supplied mounting bracket.

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**Note:** Before mounting the keypad test the keypad communication with the system.

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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 USER OPERATIONS

The following list details the user operations from the wireless Panda keypad.

User operation can be defined to be activated by a quick mode or high security mode that requires the use of a code or proximity tag.

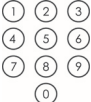





In the high security mode, the proximity tag can be used as a substitute for entering a user code when the display prompts to "Insert a code".

## COMMON OPERATIONS



























Operation <sup>1</sup>	Quick Operation	High Security Mode <sup>2</sup>
<b>Full Set (Away)</b>	Press 	Press  followed by code or proximity tag <sup>3</sup>
<b>Part Set (Stay)</b>	Press 	Press  followed by code or proximity tag
<b>Full Unset (Disarm)</b>	Press  followed by code or proximity tag	
<b>Get System Status</b>	When the keypad is woken up (not in Sleep Mode) by short press of any button (no beep sound), the keypad receives system status from the panel. A corresponding icon indication appears on the keypad display.	




















1. Operations are performed by Normal press
2. Consult your installer for the operations defined with a code.
3. For optimal use of the proximity tag, use it from a distance of 1-2 cm from the top-right corner of the keypad.

## KEY OPERATION

Key	Description
	Numerical keys are used to input the numeric codes that may be required for setting, unsetting, or used to activate specific functions
	In Normal Operation mode: Used to enter the User Functions menu In User Functions menu: Used to move back one step in the menu
	In Normal Operation mode: Used for Disarming (Unsetting). In User Functions menu: Used to terminate commands and confirm data to be stored.
	Used to scroll up a list or to move the cursor to the left; ⓪ Provides the system status Long press on ⓪ provides system status with voice (in a voice supported system)
	Used to scroll down a list or to move the cursor to the right.
	Changes data




## ADVANCED OPERATIONS




Operation <sup>1</sup>	Quick Operation	High Security Mode
Full Setting (Away) partition 1/2/3	Select partition  and press 	Select partition  and press  followed by code or proximity tag
Part Setting (Stay) partition 1/2/3	Select partition  and press 	Select partition  and press  followed by code or proximity tag
Fire Alarm	Pressing  keys simultaneously for at least two seconds activates a Fire alarm	
Emergency / Medical Alarm	Pressing  keys simultaneously for at least two seconds activates an Emergency alarm	
Panic alarm / Service call	Pressing  +  keys simultaneously for at least two seconds activates a Panic alarm <sup>2</sup>	
Main unit Speaker Volume <sup>3</sup>	Press the button  for 2 seconds Select the volume level (0=No sound, 4=Full volume)  Press  to save your selection	
Keypad setup - LCD contrast  , brightness  and keypad buzzer volume 	Press  for 2 seconds. Use the   keys to choose from menu, press  to select, then use   keys to adjust the keypad's parameters and press 	
Output control 1/2/3 <sup>4</sup>	Press button  for 2 seconds	Press button  for 2 seconds and then enter the code or proximity tag

Operation <sup>1</sup>	Quick Operation	High Security Mode
View Last Alarm	Press button  for two seconds	
System Chime On/Off	Press the button  for 2 seconds	
View system status	Short press on   : LCD display Long press on   : LCD display + voice <sup>3</sup>	Only LCD Display: Short press on   followed by code or proximity tag. LCD display + voice: Long press on   followed by code or proximity tag
Macro Activation <sup>5</sup>	Press  /  /  for 2 seconds	
Enter programming mode	Press   and enter the code	
Changing Keypad Language	Press    simultaneously for 2 seconds. Select the language and press  to confirm.	

- 1 All operations are available while keypad is turned on (Not in Sleep Mode). All operations are performed by Normal press (with beep), unless otherwise mentioned.
- 2 Ask your installer for the keys definition
- 3 In voice supported systems. Not applicable for WiComm Pro
- 4 Ask your installer whether outputs control is applicable or not and which output is assigned to which key
- 5 Ask your installer for the macro defined for each key.

## ICONS INDICATION

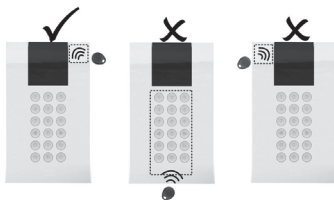
Key	Function	
	On	System is armed in Full Arm or Stay Arm mode
	Off	System is disarmed
	Slow Flash	System is in Exit/Entry Delay
	Rapid Flash	Alarm condition
	On	System is in Stay Arm mode (Part Set) or Zone Bypass mode
	Off	No bypass zones in the system
	On	System is ready to be armed

Key	Function	
	Off	System is not ready to be armed
	Slow Flash	System ready to be armed while Exit/Entry zone is open
	On	System Trouble
	Off	System is operating normally
	On	Tamper in the system
	Off	No tamper in the system
	On	System connected to cloud
	Slow Flash	Cloud connectivity trouble
	Off	No cloud connection configured

## Proximity Tag Operation

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

**Note:** Before using the Proximity Tag, wake up the keypad by pressing any button on the keypad.



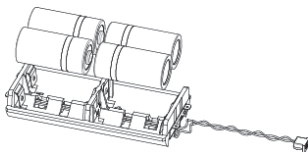
## SLEEP MODE

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.






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.

## CHANGING KEYPAD PARAMETERS

Any change performed in the definition of the keypad parameters also requires

updating the keypad. This is performed by pressing the  key for 2 seconds. The panel will then send an update to the keypad.

## TECHNICAL SPECIFICATION

Electrical	
Battery Type	CR123, 3V Lithium battery (x 4) RW332KPP8BTA: 3V, 10 Ah flat Lithium battery (x 1)
Current Consumption	Standby current 9 $\mu$ A, 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)	178 x 103 x 38 mm (7 x 4.1 x 1.5")
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

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