WisDom Wireless Keypad Instructions

Introduction

The wireless keypad is a rolling code transmitter used to remotely command the WisDom security system. It allows arming and disarming the system as well as sending panic alarms or activating a relay outputs. Up to 2 wireless keypads are supported by the system. Use the following instructions for the programming and operation of the keypad.

Main Features

- Up to 2 Wireless keypads per system
- 3 emergency keys on keypad
- Double tamper protection (Box & Wall)
- Operates up to 820 ft. (250m) range (Line of Sight)
- Extended Battery life
- Self defined macro activation

Mounting the Keypad

Mount the wireless keypad on the wall in a convenient location.
To mount the keypad:

1. Remove the back keypad cover by inserting a small screwdriver in both of the bottom retaining clips.
2. Set the rear –mounted tamper switch and make sure it is vertically oriented.
3. Attach the back keypad cover to the wall using the screws provided.
4. Place the battery on the PC board. Pay attention to the polarity.
5. Join the cover and base by hooking the tops together and then snapping the bottom in place, returning the retaining clips to their position.

Installer Programming

Programming the wireless keypad, which can be done only locally, by using the WisDom keys, consists of 2 steps:

STEP 1: Allocating the Keypad

1. Access the Keypads menu by selecting [8] from the main installer-programming menu.
2. Select 1 to access the Allocation menu options.
3. Select the keypad you wish to learn-in to the system and press (#/🔒). Three options are available, as follows:
   - Select [1] to move to the next keypad assignment.
   - Select [2] to write (or overwrite) data into the selected location and allocate a Wireless Keypad. Send a write signal (within 255 seconds) from the keypad by pressing the (🔒) key twice on the keypad. After each press the wireless keypad will send a beep and its  will blink. If the WisDom successfully recognizes the wireless keypad it will sound a confirmation beep.
   - Select [3] to erase the data in the selected location. Select [Y] or [N] using the (🔓) key and press (#/🔒) to confirm your selection.
4. Repeat steps 2-4 to allocate the second wireless keypad.

STEP 2: Communication Test

The Keypad's communication menu enables to perform a communication test between the wireless keypad and the system's receiver.

1. Access the Keypads menu by selecting [8] from the main installer-programming menu.
2. Select [2] to access the Communication Test menu options.
3. Select the keypad you wish to perform the test on.
4. Initiate a transmission from the selected keypad by pressing on any of the keypad keys. Allow a few seconds for the receiver to react. A confirmation beep along with an OK message indicates a successful communication test.
5. Repeat steps 3-4 to test the additional keypad or press (*) to exit

Operating the Wireless Keypad

The wireless keypad can perform the following functions:

Function	Wireless Keys Key Sequence
Full Away Arming *	[Code] + (🔒)
Full Stay (Home) Arming *	[Code] + (🔓)
Partition Arming (Away/Stay)	(#/🔒) + [1 / 2 / 3] + [Code] + (🔒) / (🔓)
Full Disarming	[Code] + (#/🔒)
Partition Disarming	(#/🔒) + [1 / 2 / 3] + [Code] + (#/🔒)
Reset an Alarm	[Code] + (#/🔒)
Utility Output Activation	[User Code defined as UO Control] + (#/🔒)
Panic Alarm	Press (1) and (2) simultaneously for 2 seconds
Fire Alarm	Press (4) and (5) simultaneously for 2 seconds
Emergency Alarm	Press (7) and (8) simultaneously for 2 seconds
Macro Activation **	Press **[A] / [B] / [C]**
Silence Trouble Beeps	(#/🔒)
Silence Exit Beeps at Stay	(*)

* Away and Stay arming can be defined for quick operation mode, thus allowing to arm the system without using a code.

** Macro can be defined for arming operation or outputs control. For all other available functions with macro keys, you can use the panel keypad only.

IMPORTANT:

If the desired operation is not carried out press (*) (*) to clear the keypad and retry to perform the required function.

LED INDICATION


: The TX LED blinks each time a key is pressed thus indicating a transmission from the keypad to the receiver.


: When the battery is in low condition and needs to be replaced the **Low Battery** LED will blink together with the **TX** LED after each key press.

Replacing the Battery:
Remove the keypad's back cover. Remove the old battery and place a new one instead.
Pay attention to the polarity of the battery.
To close, reattach the two sides of the keypad's plastic casing.

NOTE
Removing the keypad's back cover will cause a tamper alarm. Therefore, it is recommended to inform the monitoring station before replacing the battery. To reset the tamper alarm, follow the sequence of resetting an alarm after closing the keypad.

Technical Specification

Electrical	
Battery Type	CK123, 3V lithium battery
Current Consumption	Stand by current 5µA, Max current 20 mA (Transmission)
Frequency	RWSALKWL100A: 868.65 MHz RWSALKWL100H: 433.92 MHz RWSALKWL1USH: 433.92 MHz
Operates up to	820 feet (250m) range (LOS)
Modulation Type	ASK
Battery Life	3 years
Physical	
Dimension	162 mm x 122 mm x 30 mm (6.37 x 4.8 x 1.18 inches)
Environmental	
RF Immunity	10V/m 80MHz to 1GHz
Operating temperature	0°C to 55°C (32°F to 131°F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)

Rokonet Limited Warranty
Rokonet Electronics, Ltd. and its subsidiaries and affiliates("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 12 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 can not 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 persona; injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. 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 will not occur or that there will be no personal injury or property loss as a result.
Consequently seller shall have no liability for any personal injury, property damage or other 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 from 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.

RTTE COMPLIANCE STATEMENT
Hereby, Rokonet Electronics Ltd, declares that this keypad (RWSALKWL100A, RWSALKWL100H) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

FCC NOTE:
This device (RWSALKWL1USH) 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.
Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Rokonet Electronics Ltd.) could void the user's authority to operate the equipment.
NOTE: 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:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
FCC ID: JE4RWSALKWL

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