



INTRODUCTION

The 2-Way keypad is used to remotely program and operate the Agility security system. Being bi-directional the 2-Way keypad receives a reply status indication from the panel for each command that it has sent to the panel. To use functions of the keypad you can use 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 2-Way 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 Agility 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. The keypad will sound a confirmation beep and the system will sound an allocation message.
3. If required to change the keypad's default settings configure the keypad's parameters according to the system installation manual.

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

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. Release the Mounting bracket captive screw (1)
2. Slide up the Main Unit (3) to release it from the two mounting bracket's locking tabs (2).
3. Mount the bracket
4. Release the battery cover screw (1) and place the supplied 3 batteries.
5. Close the battery compartment and mount the keypad to the mounting bracket in a reverse sequence to the removal.

Figure 1

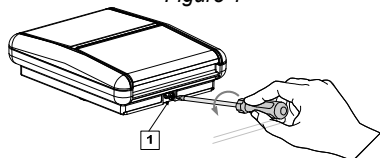


Figure 3

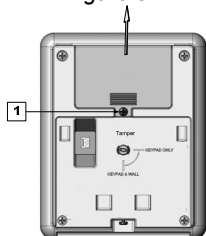
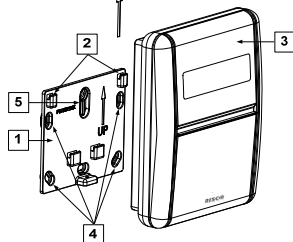


Figure 2



LEDS INDICATION

Key	Function
 (Blue)	Communication with the panel
 (Red)	On: Fully or partially armed Slow flash: Exit delay Rapid flash: Alarm
 (Yellow)	Trouble in the system during disarm mode

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 (see Figure 3)

1. Remove the battery compartment cover screw located at the bottom of the cover by turning screw counter clockwise
2. Pull up the battery compartment cover according to arrow direction.
3. Pull out the battery and replace it with a new one. Pay attention to the polarity when inserting the new batteries.
4. Close the case 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 requires updating the keypad as well. This is performed by pressing the  key for 2 seconds. Doing so, the panel will send an update to the keypad.

MAIN USER OPERATIONS

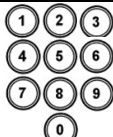
The following list details the user operations from the 2-way wireless keypad. User operation can be defined to be activated by a quick mode or high security mode that requires the use of a code or proximity tag. In the high security mode the proximity tag can be used as a substitute for inserting a user code when the display prompts to "Insert a code".

Common Operations:

Operation	Quick Operation	High Security Mode ¹
Away Arm	Press 	Press  followed by code or proximity tag ²
Stay Arm ³	Press 	Press  followed by code or proximity tag
Full Disarm	Press  followed by code or proximity tag	

1. Consult your installer for the operations defined with a code.
2. For optimal use of the proximity tag, use it from a distance of 1-2 cm from the center of the keypad's door.
3. For stay arming with no entry delay press the  key for two seconds.

Key Operation during Programming mode:

Key	Description
	Numerical keys are used to input the numeric codes that may be required for arming, disarming, or used to activate specific functions
	Exits from the current menu and returns to Normal Operation mode
	Terminates commands and confirms data to be stored
	Used to browse through the menu: Scrolls up a list or moves the cursor
	Changes data

Advanced Operations:

Operation ¹	Quick Operation	High Security Mode
Away Arming partition 1/2/3	Select partition ①/②/③ and press	Select partition ①/②/③ and press followed by code or proximity tag
Stay Arming partition 1/2/3	Select partition ①/②/③ and press	Select partition ①/②/③ and press followed by code or proximity tag
Partition 1/2/3/ Disarm	Select partition ①/②/③ and press	followed by the code or the proximity tag
Panic alarm / Service call	Press both keys simultaneously. ⁴	
Fire Alarm	Press ④ ⑤ simultaneously for 2 seconds	
Emergency/Medical Alarm	Press ⑦ ⑧ simultaneously for 2 seconds	
System Chime On/Off	Press the button ④ for 2 seconds	
Main unit Speaker Volume	Press the button ⑤ for 2 seconds Select the volume level (0=No sound, 4=Full volume) Press #? to save your selection	
Set keypad LCD contrast	Press ⑥ for 2 seconds Use the keys to adjust the keypad's display contrast and press #?	
Output control A/B/C ²	Press button ①/②/③ for 2 seconds	Press button ①/②/③ for 2 seconds followed by code or proximity tag
View Last Alarm	Press button ① for two seconds	
View system Status	Short press on #? : LCD display Long press on #? : LCD display + voice	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 ³	Press ⑦/⑧/⑨ for 2 seconds	
Wake up keypad	Press *	
Update Keypad Parameters	Press * for 2 seconds after changing parameters in the system	
Enter programming mode	Press * and enter the code	
Changing Keypad Language	Press * ⑨ 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)
- 2 Ask your installer whether outputs control is applicable or not and which output is assigned to which key
- 3 Ask your installer for the macro defined for each key
- 4 Ask your installer for the keys definition.

TECHNICAL SPECIFICATION

Electrical	
Battery Type	CR123, 3V lithium battery (x 3)
Current Consumption	Stand by current 10µA, Max current 100 mA
Frequency	868.65 MHz / 433.92 MHz
Modulation Type	OOK
Typical Battery Life	3 years
Physical	
Dimension (HxWxD)	150 mm x 120 mm x 45 mm (5.9 x 4.7 x 1.77 inches)
Weight (Including batteries)	0.395 kg
Environmental	
RF Immunity	According to EN50130-4
Operating temperature	-10°C to 40°C (14°F to 104°F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)
Compliance Statement	
EN50131-1, EN50131-3 Grade 2 EN50130-5 Environmental class II EN50131-6 Type C	



All rights reserved. No part of this document may be reproduced in any form without prior written permission from the publisher.
© RISCO Group 01/10

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 CE 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 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 not be compromised or circumvented; that the product will prevent any person; injury or property loss by intruder, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a property installed and maintained alarm may only reduce the risk of intruder, 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 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.

FCC 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 to an outlet on a circuit different from that to which the Receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

FCC ID: JE4RW132KP

IC: 6564A-RW132KP

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.

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	USA
Tel: +44-161-655-5500	Tel: +1-631-719-4400
technical@riscogroup.co.uk	support-usa@riscogroup.com
Italy	Brazil
Tel: +39-02-66590054	Tel: +55-11-3661-8767
support@riscogroup.it	support-br@riscogroup.com
Spain	China
Tel: +34-91-490-2133	Tel: +86-21-52-39-0066
support-es@riscogroup.com	support-cn@riscogroup.com
France	Poland
Tel: +33-164-73-28-50	Tel: +48-22-500-28-40
support-fr@riscogroup.com	support-pl@riscogroup.com
Belgium	Israel
Tel: +32-2522-7622	Tel: +972-3-963-7777
support-be@riscogroup.com	support@riscogroup.com