

# Agility™

Flexible Wireless Solution

## Installation Quick Start Guide

For detailed information please refer to the full **Agility** Installer Manual provided on our website: [www.riscogroup.com](http://www.riscogroup.com)



**RISCO**  
GROUP  
Creating Security Solutions.  
*With Care.*





# Agility Installation Quick Start Guide

Thank you for purchasing the Agility Flexible Wireless Solution from RISCO Group. This quick start guide will describe the main steps for installing and programming the Agility using the 2-way wireless keypad.

## 1.1 Install the main unit

1. Disconnect the mounting bracket from the main unit by releasing the locking screws and disconnecting the ribbon flat cable.
2. Secure the mounting bracket to the wall.
3. Connect a power wire to the power terminal located on the power supply unit of the mounting bracket.
4. Remove the battery compartment cover screw and connect the flying leads to the battery according to the correct polarity (Red +) (Black -).
5. On the main unit connect a phone cable, a network (IP) cable, and insert a SIM card to the GSM/GPRS module as required (If fitted)
6. Connect the main unit back to the mounting bracket and lock the locking screws.
7. Power up the Agility. "*Security system is on*" message will be announced.

## 1.2 Wireless Device Enrollment







Each wireless device must identify itself to the system receiver, in a process termed "enrollment".

Enrolling the wireless devices can be performed either from the main unit, a wireless keypad or via the Configuration Software. Enrollment can be performed by sending an RF signal from each device, or by typing the device's unique serial code into the system.

The following steps describe quick enrollment by RF signal. For enrollment through the keypad or via the Configuration Software refer to the installer manual.

1. After the Agility is connected to the power supply press the button on the main unit for 5 seconds. The unit beeps once and enters "Learn" mode. The LEDs light up one after the other.
2. Send an RF signal "write message" from each device. The unit beeps once to accept or three times to reject. Once accepted the system sounds a local message describing the device type and its assignment (e.g., zone 1). For future use, you may want to note down the assignment of each device.










How to send a write message (transmission):	
Wireless Device	Sending Write Message
<b>2-Way Keypad</b>	Press both keys  and  simultaneously for at least 2 seconds
<b>Detector/Contacts</b>	Press the tamper switch for 3 seconds
<b>1-Way Keypad</b>	Press the  key twice
<b>1-Way Key fob</b>	Press the  button for at least 2 seconds
<b>2-Way Remote Control</b>	Press both keys  and  simultaneously for at least 2 seconds
<b>Smoke Detector</b>	Insert battery. Write message is send automatically within 10 seconds.
<b>Siren</b>	Press the reset switch on the siren. After a squawk is sounded at the siren you have 10 seconds to press on the tamper switch for at least 3 seconds.
<b>Gas, CO detectors</b>	Press the test button for 3 seconds
<b>2 Panic Button Key fob</b>	Press both buttons for at least 7 seconds

- When all the devices have been enrolled, give the button a short press to exit “Learn” mode. The unit beeps once and the LEDs stop flashing.


### 1.3 Keypad Programming

There are several options for programming the Agility: Configuration Software, wireless keypad, or memory card. The following sections explain how to program Agility from the keypad.

The following table describes the uses of the keypad keys during programming:

	- to wake the keypad up, go up one level, exit menus, disregard change
	- to select (similar to the Enter key)
 	- to scroll
	- to change selections (e.g., Y to N)
 	- to exit the programming mode

### 1.4 Accessing Installer Mode




- Press  to wake the keypad up.
- Enter the installer's code **0132** (default code).



## 1.5 Measure Noise and Calibrate the Receiver

Once a keypad has been enrolled, you can use it to control the main unit. The first step is to measure the background "noise" that the receiver can "hear" on the same frequency as the Agility wireless devices. This noise may be generated by other devices operating on the same frequency nearby. This gives an indication of whether you have chosen a good location for the main unit. Any communication between the devices and the main unit should be stronger than this noise level.




**From the keypad:**



1. From within the Installer menu, use the   keys to scroll between menus and the  key to select menu options. Open the **2) Testing > 1) Main Unit > 1) Noise Level > 2) Calibrate**.
2. The noise level is displayed. The lower the noise level the better the communication will be. If the noise level seems very high, try to find a better location for the panel.



## 1.6 Zones

### 1.6.1 Program the Zones

The parameters available per zone vary according to the zone type.

1. From within the Installer menu select **1) Programming > 2) Radio Device > 2) Modification > 1) Zones > 2) Parameters**.
2. Use the   keys select a zone and press .
3. Set the basic parameters for each zone as follows:
  - **Label** – provide a meaningful name

Key	Data Sequence
1	1 . , ' ? ! " - ( ) @ / : _ + & * #
2	2 a b c A B C
3	3 d e f D E F
4	4 g h i G H I
5	5 j k l J K L
6	6 m n o M N O
7	7 p q r s P Q R S
8	8 t u v T U V
9	9 w x y z W X Y Z
0	0
 	Use these keys to toggle forwards and backwards through all the available characters.

- **Partition** - Use the arrows and the  key to set the partition assignment (default is 1)
- **Type** – Using the arrow keys, select the desired zone type from the list and press 
- **Sound** – Use the arrows and select the desired sound, in most cases this will be "Bell Only"
- **Advanced** – includes Chime, Supervision, Forced Arm Enabled, and on 2-way PIR detectors only Detection Mode, Sensitivity and Enabled LEDs



## 1.6.2 Testing Zones

1. Use to go back up to the root of the **Programming** menu. Press to exit programming and press to confirm.
2. Using the keys select **2) Testing > 2) Zones > 1) Comm Test**.
3. Select the zone that you wish to test.
4. Use the keys to scroll to the tested zone and observe a number representing the last measured signal received from the detector.

---

**Note:** The signal should be higher than the measured calibrated level of the receiver previously set.

---


## 1.7 Keyfobs

### 1.7.1 Program the KeyFobs Parameters





Each keyfob can be set up to perform different system operations and control different utility outputs. Up to eight keyfobs can be enrolled to the system. The programming options under the parameters menu vary according to the type of the remote control, 1-Way or 2-Way.

1. From the installer menu select **1) Programming > 2) Radio Device > 2) Modification menu 2) Keyfobs > 1) Parameters**.
2. Select a keyfob and press and set its basic parameters. Use the keys to scroll between menus and the key to select menu options:
  - a. *1-Way keyfob basic parameters:*
    - **Label** – provide a meaningful name (see keypad's label table above for details)
    - **Partition** assignment (in most cases this is left as 1)
    - **Button 1** functionality: (the Lock button), normally 'Arm'
    - **Button 2** functionality: (the Unlock button), normally 'Disarm'
    - **Button 3** functionality: (Panic or Output Control button), normally 'Disabled'
    - **Button 4** (The sunken button), normally 'Stay Arm'
  - b. *2-Way keyfob (8-button remote control) parameters:*
    - **Label** – provide a meaningful name (see keypad's label table above for details)
    - **Partition** assignment (in most cases this is left as 1)
    - **PIN code** – if required set the PIN Code for the 8-button remote control
    - **Panic** – define whether sending a panic alarm from the remote control is permitted (disabled by default)
    - Assign the buttons to utility outputs
3. Press to go back up to the **Keyfobs** menu and select **2) Control**.



4. Use the  to toggle between Y/N to enable:
  - **Instant Arm:** Away (Full ) Arm without exit delay
  - **Stay Arm:** Stay (Home) arming without exit delay
  - **Disarm with Code** when using the 8-button remote control.










### 1.7.2 Testing the KeyFobs

1. Use  to go back up to the root of the **Programming** menu. Press  to exit Programming and then press  to confirm.
2. Using  keys select **2) Testing > 3) Keyfobs > 1) Comm Test**
3. Select the keyfob that you wish to test.
4. Use the arrow keys to scroll to the tested keyfob and view the last received communication level. The signal should be higher than the measured calibrated level of the receiver previously set.

## 1.8 Keypads

Up to three keypads can be enrolled to the system.

### 1.8.1 Programming the keypads

1. From the installer menu select **1) Programming > 2) Radio Device > 2) Modification menu > 3) Keypads > 1) Parameters**.
2. Select a keypad, press  and set its basic parameters. Use the  keys to scroll between menus and the  key to select menu options select :
  - **Label** – provide a meaningful name (see keypad's label table above for details)
  - **Emergency keys:** Defines whether the emergency keys ( and  for fire alarm,  and  for emergency alarm) will be activated or not.
  - **Function key:** Define the operation of the  keys. These keys can be disabled, used to send a panic alarm or used to communicate with the Monitoring Station.
  - **Output control:** Assign outputs for the keypad's keys 1-3.
3. Press  to go back up to the **Keypads** menu and select **2) Control**.
  - **RF Wakeup:** Defines whether the keypad LCD will light up automatically during the entry delay time.



## 1.9 Sirens

### 1.9.1 Program the siren parameters

Up to 3 sirens can be enrolled in the system.

1. From the installer programming menu select **1) Programming > 2) Radio Device > 2) Modification** menu **4) Sirens**

2. Select a siren and press and set its basic parameters. Use the keys to scroll between menus and the key to select menu option:

- **Label** – provide a meaningful name
- **Supervision** – define if the siren is supervised
- **Volume** – set the volume produced from the siren during alarm, squawk or exit/entry time
- **Strobe** – set the strobe operation of the external wireless siren

### 1.9.2 Testing the sirens

1. Use to go back up to the root of the **Programming** menu. Press to exit Programming and press to confirm.
2. Using keys select **2) Testing > 5) Sirens > 1) Comm Test**
3. Use the keys to scroll to the tested sirens and view the last received communication level. The signal should be higher than the measured calibrated level of the receiver previously set

## 1.10 Program Communication Modules

Agility's menus include only those communication modules installed on-board.

1. Use to go back up to the **1) Programming** menu and select **4) Communication > 1) Method**.
2. Select each method (PSTN, IP and/or GSM) and define its parameters.

### 1.11 Program MS Communication


You can define up to three MS accounts and several associated parameters that define the nature of communication, event reporting and confirmation between the owner and the MS.

1. Use to go back up to the **1) Programming > 4) Communication** menu and select **2) MS**.
2. Select the report type for each MS and define its parameters.
3. Define the Account number for each MS.
4. Go through the menus to program any other communication parameters.



## 1.12 Set Up Follow Me Destinations

Now that you have set up the methods for Agility to communicate with the MS and the owner, you can define the destinations to which event notifications will be sent.

1. Use  to go back up to the **4) Communication** menu and select **4) Follow Me**.
2. Under **1) Define FM** set each destination's:
  - Report Type (SMS, Email, Voice)
  - The events that will be sent, organized by category (Alarms, Arm/Disarm, Troubles, GSM, Environmental, Miscellaneous)
  - The restore events that will be sent
  - The operations the user will be able to perform through remote connection via phone or SMS

---

**Note:** The actual destinations (telephone numbers, email addresses) are defined outside of the Programming menu or from the User menu.


---

## 1.13 Set System Parameters

There are several system-wide parameters that define how the Agility works. They are collected under the System menu. All these parameters are set with default values that apply for most installations. If you wish to make a change, go through the menus to program any other system parameter.


## 1.14 Customize the Voice Menu

Users can use the voice menu to hear local messages on system status, troubles and events, and to control the system through remote phone operation.

1. Use  to go back up to the **1) Programming** menu and select **5) Audio Messages**.
2. Under **Local Messages**, select which messages will be sounded locally (on the main unit or the external audio unit).
3. Under **Assign Message**, create the phrases that will be used in place of the default messages (e.g., instead of Zone 1 define "Front Entrance and Hall"). Refer to the Descriptor Directory in the Installer Manual for the codes.

## 1.15 Set Up Users

As the installer, you must set up the system's users. The owner (Grand Master) will be allowed to subsequently set their passwords.

1. Use  to go back up to the **1) Programming** menu and select **3) Codes**.
2. Under the **User** option define for each user a label identifying the user, its authority level and the partitions it can control with his code.
3. Change the default installer code.



## 1.16 Set the Clock

1. From the Installer menu, select **5) Clock**.
2. Set the **Time & Date**.

## 1.17 User Definitions and System Operation

1. Instruct the user to define the actual User Codes. Advise the user to change the default Grand Master code. Help the user enroll proximity tags.
2. Instruct the user on defining and editing the Follow Me destinations.
3. Instruct the user on the following operations, performed from the keypad or keyfobs:
  - Away (Full) Arm
  - Stay (Home) Arm
  - Disarm
  - Disarm under duress
  - Send a panic event
  - Check the system status
  - Operate a utility output
  - Use the voice menu for remote operation
  - Use SMS for remote operation

## 1.18 Test the System

Before leaving the site, it is important to fully test the system. Agility has several testing tools that help you feel confident the system will operate optimally, including relieving any concerns you may have about the wireless communication.

From the **Installer** menu, go through the tests under the **2) Testing** menu:

- Main Unit noise level, buzzer, speaker and battery
- You can test each device for communication and battery test
- For zones you can perform a Walk Test – during which you should receive a “TRIP” from each detector, and the panel will also receive a reading of the RF signal strength from each device and an indication of battery trouble
- GSM signal strength
- Perform a test to ensure follow me is working



**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:

- 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.

FCC ID: JE4AGILITY Valid for P/N RW132x4t0zzA

IC: 6564A-AGILITY Valid for P/N RW132x4t0zzA



## Contacting RISCO Group

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

### **United Kingdom**

Tel: +44-161-655-5500

[technical@riscogroup.co.uk](mailto:technical@riscogroup.co.uk)

### **Italy**

Tel: +39-02-66590054

[support@riscogroup.it](mailto:support@riscogroup.it)

### **Spain**

Tel: +34-91-490-2133

[support-es@riscogroup.com](mailto:support-es@riscogroup.com)

### **France**

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

[support-fr@riscogroup.com](mailto:support-fr@riscogroup.com)

### **Belgium**

Tel: +32-2522-7622

[support-be@riscogroup.com](mailto:support-be@riscogroup.com)

### **USA**

Tel: +1-631-719-4400

[support-usa@riscogroup.com](mailto:support-usa@riscogroup.com)

### **Brazil**

Tel: +1-866-969-5111

[support-br@riscogroup.com](mailto:support-br@riscogroup.com)

### **China**

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

[support-cn@riscogroup.com](mailto:support-cn@riscogroup.com)

### **Poland**

Tel: +48-22-500-28-40

[support-pl@riscogroup.com](mailto:support-pl@riscogroup.com)

### **Israel**

Tel: +972-3-963-7777

[support@riscogroup.com](mailto:support@riscogroup.com)

All rights reserved.

No part of this document may be reproduced in any form without prior written permission from the publisher.