

installation guide

# Acoustic glass break detector



## INSTALLATION GUIDE ACOUSTIC GLASS BREAK DETECTOR

Congratulations on the purchase of your Egardia acoustic glass break detector.

Website Egardia  
www.egardia.com

### Customer Service

Please visit [www.egardia.com](http://www.egardia.com) if you would like further information about the installation and use of Egardia. The answers to a number of frequently asked questions can be found at [www.egardia.com/userquestions](http://www.egardia.com/userquestions).

This package has been put together with care. Please contact our customer service if you would like any help during installation or if something is missing from the package. Never return a package without prior instruction from our customer service.

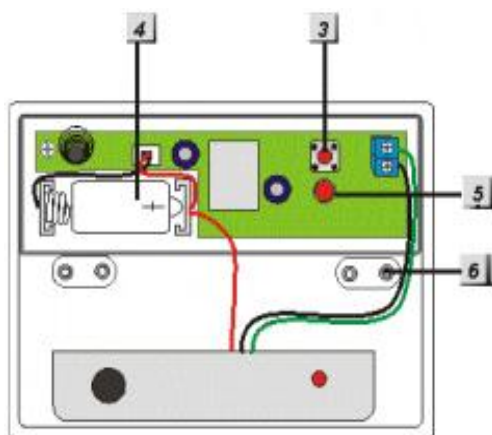
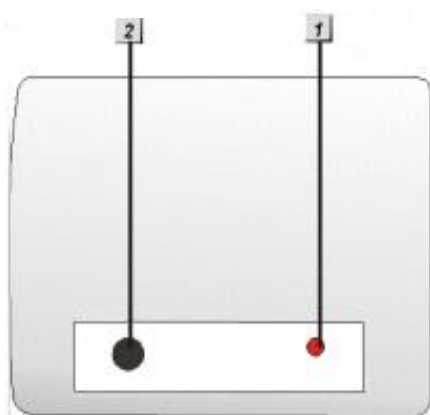
### Acoustic glass break detector

The acoustic glass break detector triggers an alarm when breaking glass is detected. The acoustic glass break detector only reacts to breaking glass from windows and doors and will not cause an alarm when for example a drinking glass shatters.

The acoustic glass break detector has a 360° detection range and is able to secure an entire room.

### OVERVIEW ACOUSTIC GLASS BREAK DETECTOR

1. **Status indicator** – Shows the status of the acoustic glass break detector.
2. **Microphone** – To pick up the sound of breaking glass.
3. **Register button** – To register the acoustic glass break detector with the alarm system.
4. **Battery compartment** – Holds the battery.
5. **Internal LED indicator** – The internal LED indicator lights for 1 sec. when:
  - a. The battery has been installed correctly.
  - b. The register button has been pressed.
6. **Mounting holes** – To mount the acoustic glass break detector on the wall using screws.



## INSTALLING THE ACOUSTIC GLASS BREAK DETECTOR

The installation process of the Egardia acoustic glass break detector consists of four easy steps.

<b>STEP 1.</b>	<b>CHECK CONTENTS</b>	<b>CHECK THE CONTENTS OF THE BOX</b>
<b>STEP 2.</b>	<b>ADD TO ALARM SYSTEM</b>	<b>REGISTER THE GLASS BREAK DETECTOR WITH YOUR EGARDIA ALARM SYSTEM</b>
<b>STEP 3.</b>	<b>MOUNT GLASS BREAK DETECTOR</b>	<b>DETERMINE THE LOCATION AND MOUNT THE ACOUSTIC GLASS BREAK DETECTOR</b>
<b>STEP 4.</b>	<b>CHECK AND TEST</b>	<b>CHECK AND TEST THE ACOUSTIC GLASS BREAK DETECTOR</b>

Please note! The adhesive tape can only be used once and they are only suitable for clean, grease-free, smooth surfaces.

### STEP 1: CHECK CONTENTS

Check the contents of the packaging for the following parts:

1. Acoustic glass break detector
2. Lithium battery 3,6V 1/2AA
3. Bag containing screws and plugs
4. Velcro tapes for mounting

### STEP 2: ADD TO ALARM SYSTEM

You are now about to register the acoustic glass break detector with your Egardia alarm system.

**Please note! The acoustic glass break detector only works if the gateway has been updated to the latest firmware version. Only if you are still using old firmware, the question whether you want to install the latest firmware appears automatically in the tab "Summary" of your online Egardia account. Do not interrupt the process while updating.**

1. Remove the cover of the acoustic glass break detector by lifting it off from the detector in a straight motion.
2. Insert the battery into the battery compartment. Ensure that the battery polarization is correct. When the batteries are installed correctly the internal LED indicator lights for 1 second.
3. Ensure at your gateway that the alarm is turned off. The top indicator light (Status) and the bottom indicator light (Online) are lit green.
4. Press the "Reset" button at the side of the gateway for at least 5 seconds. The top indicator light (Status) of your gateway flashes green to indicate it is searching for new accessories.
5. Press the register button of the acoustic glass break detector. The internal LED indicator of the acoustic glass break detector lights for 1 second. The gateway beeps once to indicate the acoustic glass break detector is successfully registered. The gateway beeps twice to indicate the acoustic glass break detector has already been successfully registered. Replace the cover of the acoustic glass break detector.
6. Press again the "Reset" button at the side of the gateway for at least 5 seconds if no more accessories are being added. The gateway returns to normal operation status.
7. Login to your Egardia account and go to the tab "Alarm system". The registered acoustic glass break detector will appear after a few minutes.
8. Rename the acoustic glass break detector for easy recognition.

Please note! The acoustic glass break detector only works if the gateway has been updated to the latest firmware version. Only if you are still using old firmware, the question whether you want to install the latest firmware appears automatically in the tab "Summary" of your online Egardia account. Do not interrupt the process while updating.

### STEP 3: MOUNT ACOUSTIC GLASS BREAK DETECTOR

Place the acoustic glass break detector in a room where the chance of glass breakage is high. Before mounting use the key fob to test the desired mounting place is within range of the gateway.

#### Important guidelines

- Place the detector at least 1 meter and up to 7 meters from glass windows being protected, and at least 1,2 meters from sound sources as televisions, speakers or entrance doors.
- Place the detector on a stable surface in the line of sight of the windows to be protected. This may be on the wall or the ceiling.
- Avoid rooms smaller than 3 x 3 meters.
- Avoid rooms where insulating drapes or closed wooden shutters are used.
- Avoid rooms near glass and trash cans.

#### Instructions

1. The acoustic glass break detector can be mounted using the Velcro tapes or the screws.
2. For mounting with screws:
  - a. Use the mounting holes in the acoustic glass break detector as a template to mark the drill holes on the wall or the ceiling.
  - b. Drill the holes and use the plugs for stone or plaster walls.
  - c. Secure the acoustic glass break detector to the wall or ceiling using the screws..

Please note! The adhesive tape can only be used once and they are only suitable for clean, grease-free, smooth surfaces.

### STEP 4: CHECK AND TEST

To make sure that the acoustic glass break detector functions correctly it is advisable to test the acoustic glass break detector.

Stand close to the acoustic glass break detector and clap your hands together. If the status indicator of the detector quickly flashes twice, the acoustic glass break detector has been installed correctly.

The hand-clap test will not trigger a false alarm because it can distinguish this sound from the sound of breaking glass.

*Congratulations! The installation is complete.*

### MAINTENANCE

#### Battery

The acoustic glass break detector is powered by one 3,6V 1/2AA lithium battery. Depending on use, the average life of the battery is 2-4 years. The acoustic glass break itself will indicate when the battery is low. When the battery has power left for about one month you will receive the following warnings:

1. In your Egardia account you will see the message "Battery low level" under the tab "Alarm history".
2. You will receive a one-time message by telephone, SMS or email.
3. The central indicator light (Alarm) of your gateway is lit yellow. After the battery has been replaced the gateway will return to normal status.

#### Replacing the battery

1. Ensure that the alarm is turned off.
2. Remove the cover of the acoustic glass break detector.
3. Remove the old battery and wait for 5 minutes before replacing it by a new 3,6V 1/2AA lithium battery. Ensure that the battery polarization is correct.
4. Replace the cover of the acoustic glass break detector.