

Quick Start Guide for the security system Alarm Connect

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Important terms related to the security system Alarm Connect

Below you will find information on how to quickly and easily set up and commission a project, and how to perform a functionality test for the project, with at least three devices.

After a successful functionality test, the settings defined, as well as the devices set for the customer project, can continue to be used.

In relation to the security system Alarm Connect, there are certain terms that are briefly explained in advance.

Security system Alarm Connect

The security system Alarm Connect can only be commissioned with the GPA (Gira Project Assistant) configuration software.

Detailed information on the security system Alarm Connect can be found in the system or in the GPA online help section.

The GPA and the system description are available at www.gira.de/service/download.

The two main
modes in the alarm
control unit
Connect

Commissioning and configuration mode

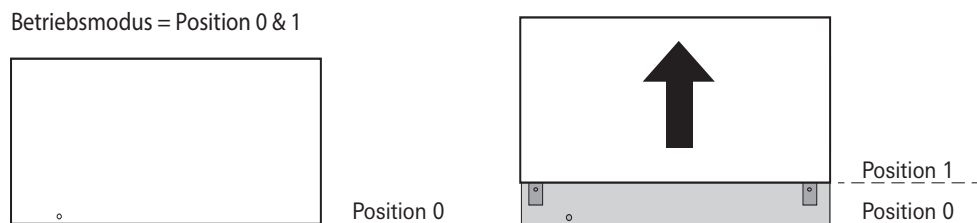
The following two modes are important when using the alarm control unit Connect:

- Operating mode.
- Configuration mode.

Operating mode

In operating mode, messages (e.g. "Alarm device open") are shown in the display and the safety area can be switched to "internally or externally armed", or can be disarmed.

Prerequisite for the operating mode: the housing cover is closed (position 0) or pushed up to the first stop (position 1).

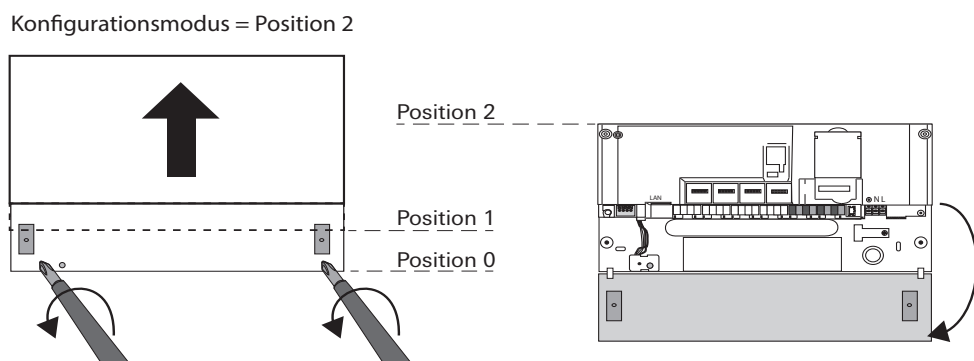


Configuration mode

In configuration mode, changes from the GPA can be saved to the alarm control unit memory under "Project commissioning". To do this, the alarm control unit must be connected to the commissioning PC.

In addition, the test mode (in the GPA or on the wireless operating unit) can be activated.

Prerequisite for the configuration mode: The screws visible in position 1 and integrated into the hinged cover have been loosened. The housing cover is removed (position 2)—only works with previously-released locking screws—and the hinged cover of the battery compartment can be opened.



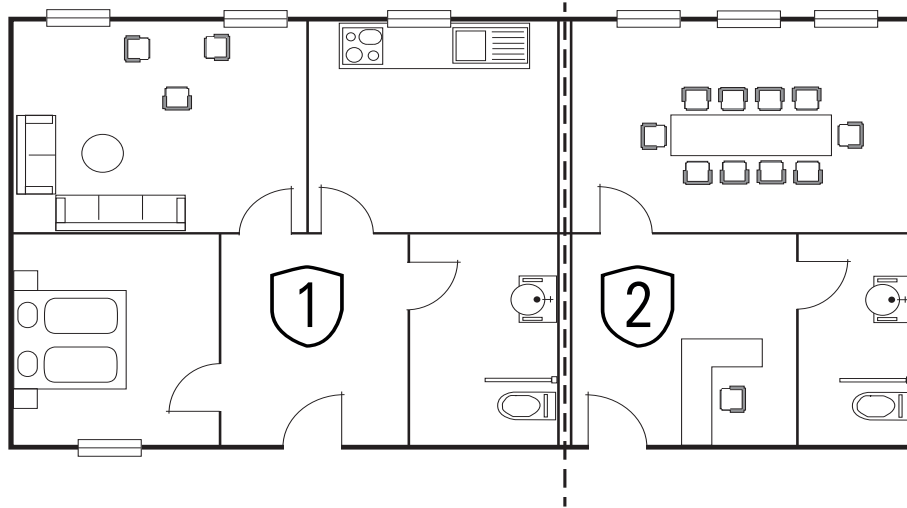
What is a security area?

The security area

The Gira security system Alarm Connect has a maximum of four security areas.

One feature of the security area is the monitoring of completed buildings or areas, each of which can be separately armed or disarmed. Unauthorised intrusion into an armed security area triggers an alarm.

Example: An object with two independent security areas (each security area has a separate entrance). The alarm control unit Connect is located in Security area 1.



Security area 1, (main security area):
Main apartment with separate entrance

Security area 2
Office with separate entrance



Security area in the GPA project

Note the following:

- Alarm control unit Connect in the GPA is always situated in the main security area (Security area 1).
- One wireless operating unit is required per security area used.
- Always assign the wireless outdoor siren (optional) to the main security area.

For the application described in this Quick Start Guide, only the main security area is required.

What does
"Activated
internally" mean?

"Activated internally" (🏠)?

"Internally activated" means that a security area is armed and people are **in the** security area. This corresponds to the so-called perimeter monitoring.

Internal activation takes place, for example, on the wireless operating unit within the security area.

Devices with the setting "active when externally armed" (e.g. wireless motion detectors) do **not** trigger an alarm when a detected event occurs.

Devices with the setting "active when internally and externally armed" (e.g. wireless magnetic contact) trigger an alarm when a detected event occurs.

What does
"Externally
activated" mean?

"Externally activated" (🏠)?

"Externally activated" means that a security area is armed and that **no one** is in the security area. This corresponds to the so-called indoor and perimeter monitoring.

All devices with the setting "active when internally and externally armed" or "active when externally armed" trigger an alarm when a detected event occurs.

I want to quickly test the security system Alarm Connect. What do I need to do?

Set up, put into commission and test a small security system Alarm Connect

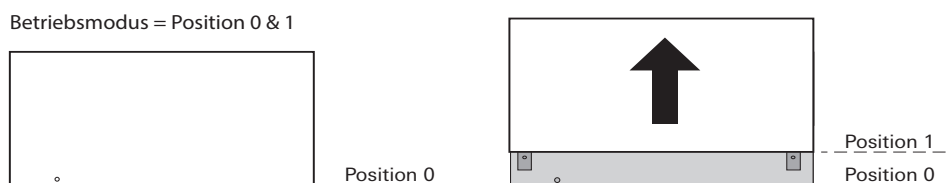
For quick set-up and functional testing, the security system Alarm Connect has the following three devices:

- 1 x alarm control unit Connect (mandatory).
- 1 x wireless operating unit (mandatory).
- At least one alarm detector (here: 1 x wireless magnetic contact as a trigger).

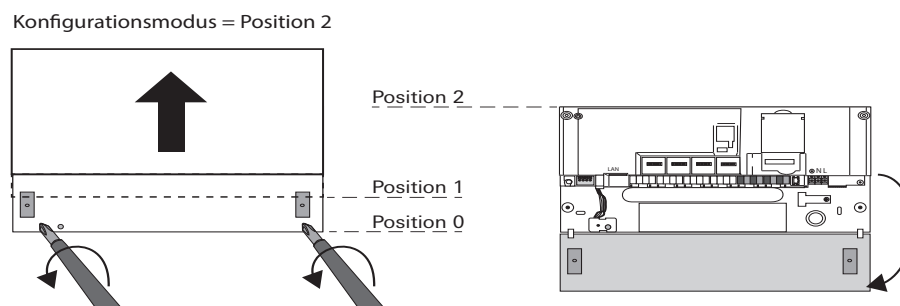
Here goes!

Prepare the alarm control unit Connect

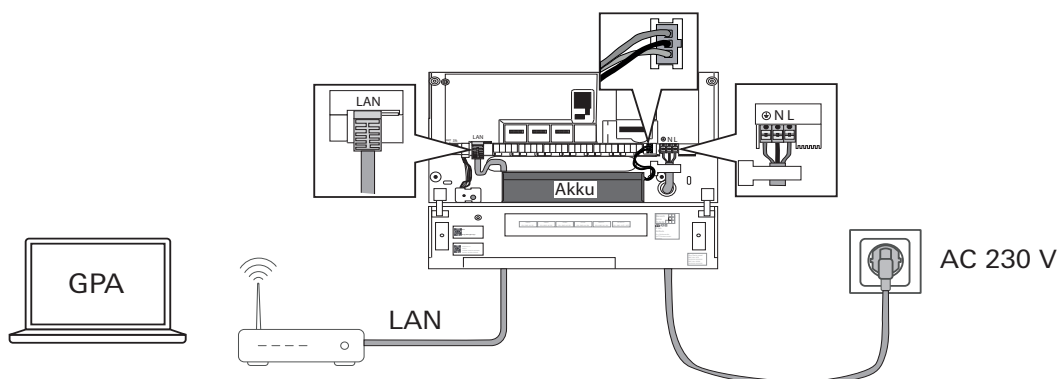
1. Unpack the alarm control unit Connect.
2. Push the housing cover up until the screws that are integrated into the hinged cover of the battery compartment are exposed and the housing cover is noticeably blocked. The housing cover is now in Position 1.



3. Loosen both screws and remove the housing cover. The hinged cover on the battery compartment can be opened. The housing cover can only be pushed up beyond Position 1 if the two screws were loosened before! The alarm control unit Connect is only in configuration mode once the housing cover has been removed! **Do not reinsert and slide down the housing cover.**



4. Connect the battery pack and the mains voltage.
5. Connect the commissioning PC to the alarm control unit Connect via Ethernet cable:
 - One-to-one connection via the LAN port of the alarm control unit Connect or
 - Via the local network.



Configuration mode of the alarm control unit Connect

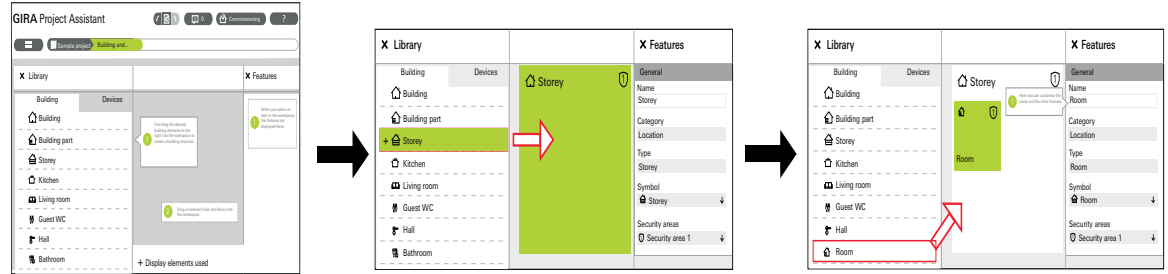
For the configuration mode of the alarm control unit Connect, the following applies:

- All security areas are disarmed.
- The internal battery pack and the mains voltage are connected.
- The housing cover is removed.

Setting up the project

Configuration in GPA

1. Download and install the most current version of GPA from Gira's download area.
2. Open GPA and create a new project (in the example "Sample project").
3. Select "Alarm system" under project scope.
4. Create a building structure (in the example: one storey, one room).



5. The alarm control unit Connect is displayed under "New devices found" in the device library.
6. The GPA might request a firmware update from the alarm control unit. The GPA automatically detects if an updated firmware version is available.

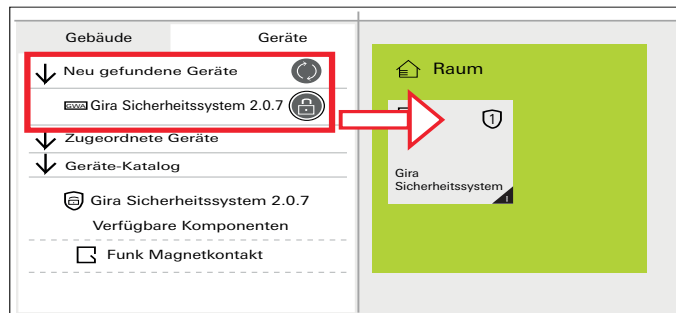
Battery capacity and firmware update


A firmware update works only with sufficient battery capacity.

When delivered, the capacity of the battery pack is insufficient for a firmware update.

The GPA aborts the firmware update automatically and without warning when insufficient battery capacity is detected! The alarm control unit Connect should be connected to the mains voltage for at least two hours if the battery pack is connected. Firmware updates can then be carried out successfully.

7. Locate the alarm control unit Connect (by dragging and dropping into the room).



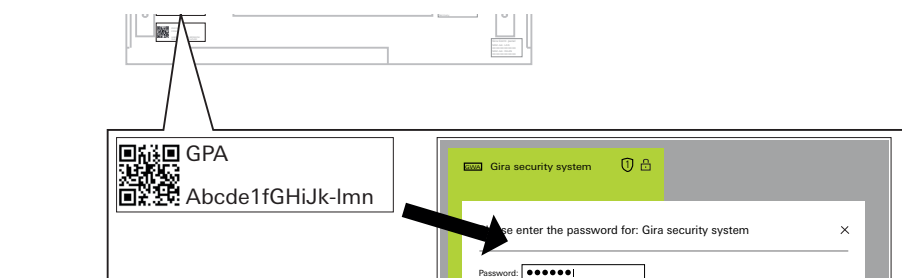
8. The alarm control unit Connect is disabled (visible by the  symbol). Enter the initial password and unlock the alarm control unit Connect.

What is the initial device password?

Initial device password

The GPA asks for the initial device password to unlock the alarm control unit Connect.

The password is located on the inside of the hinged cover (label "GPA" with password & QR-Code) for the alarm control unit Connect.



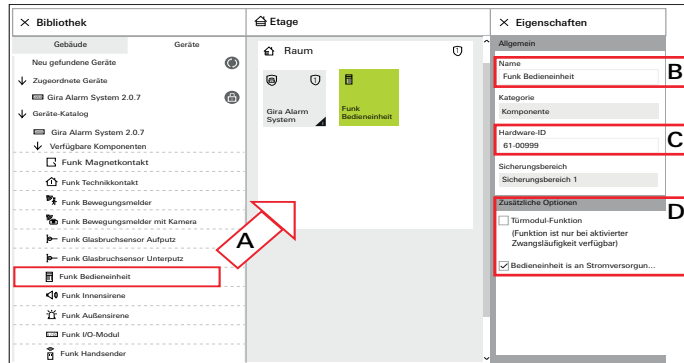
Locate other devices

Naming devices

In order to facilitate subsequent identification of the device used, the device name assigned to the device in the device catalog should be changed to a unique device name.

The device name entered in the “Name” field is displayed on the info page of the wireless operating unit (example: “Magnetic contact kitchen window open” instead of “Magnetic contact open”).

9. Insert the wireless operating unit into the project.



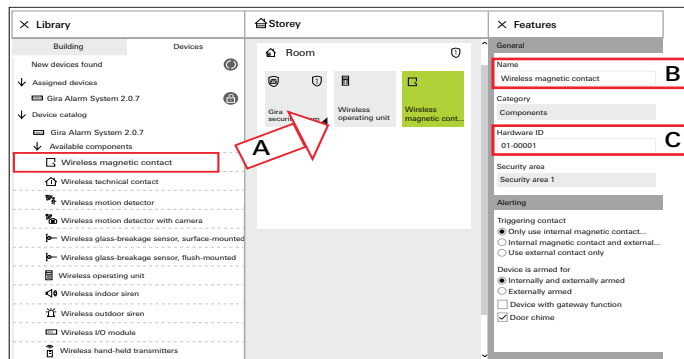
A: Select and locate the wireless operating unit from the device catalog.

B: Change the device name if desired

C: Enter the hardware ID. The hardware ID is located on each device label as well as on two loose labels included with each device. You can scan the hardware ID with an appropriate scanner and enter it in the GPA.

D: Deactivate the checkbox under “Operating unit is connected to external power supply”. Battery operation is sufficient for the functional test.

10. Enter the wireless magnetic contact in the project.



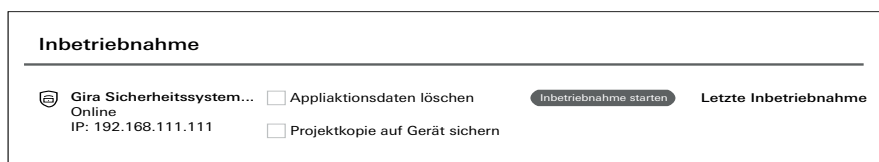
A: Select and locate the wireless magnetic contact from the device catalog.

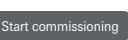
B: Change the device name if desired.

C: Enter the hardware ID.

11. Commissioning the GPA project (transfer to the alarm control unit memory).

- Click on  **Commissioning** : The next window opens.



- Click on  **Start commissioning** : Transfer the project to the alarm control unit Connect memory. The status of the transfer is indicated by the progress bar. Depending on the project size, the transfer can take up to five minutes.

12. After successful commissioning of the project, a timestamp appears under “Last commissioning”.

13. Put the wireless operating unit and the wireless magnetic contact into commission.

Project is configured. What do I do now?

Put the device into commission


Put the wireless operating unit into commission

 Display lighting

When not in use, the display lighting automatically goes off after approx. 30 s.
By pressing the **OK** button, the display lighting is switched on again.

1. Insert the batteries into the battery compartment of the wireless operating unit (**observe polarity!**). The wireless operating unit is automatically recognised due to the hardware ID entered in the GPA.
2. Wait for the initialisation phase. This can take up to five minutes. After successful initialisation, the following appears in the display of the wireless operating unit:

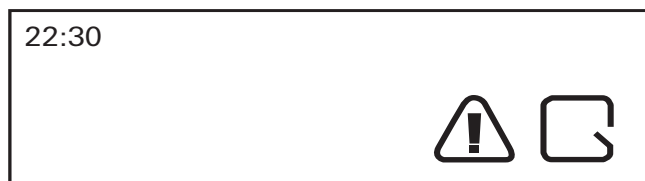



Symbol	Meaning	Cause
 Symbol blinks	Fault	The housing cover of the alarm control unit is open and the wireless operating unit is not attached to the mounting frame. For the functionality test, the cause does not have to be eliminated.

If the initialisation is unsuccessful, please repeat step 1.
In addition, compare the hardware ID in the GPA with the hardware ID on the device label. Note that any change in the GPA requires a re-commissioning of the project.

Put the wireless magnetic contact into commission

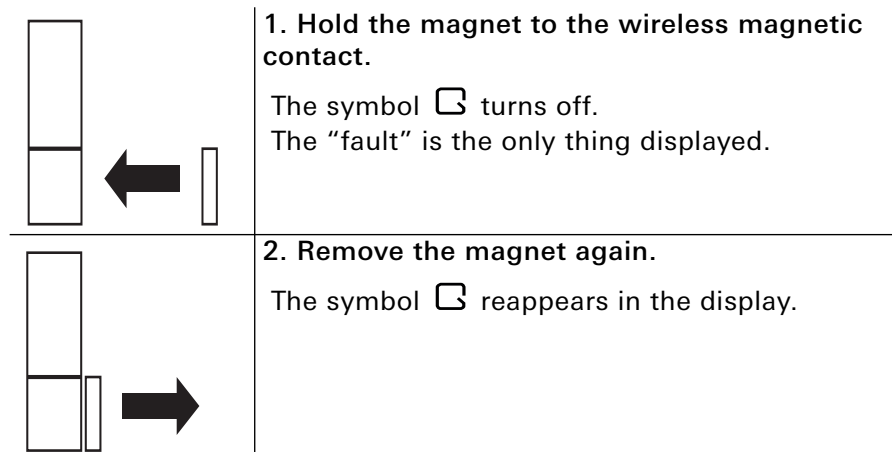
1. Lower the sliding cover of the wireless magnetic contact to better recognise the LED status.
 2. Pull out the protective strips of the batteries on the wireless magnetic contact.
 3. Wait for the initialisation phase. The LED status flashes red/green alternately for approx. ten seconds and then turns off.
- After successful initialisation, the following appears in the display of the wireless operating unit:



Symbol	Meaning	Cause
	Alarm device open	The wireless magnetic contact indicates "Door or window open" because the magnet is not applied to the wireless magnetic contact.

If the initialisation is unsuccessful, please remove the batteries and insert them again. In addition, compare the hardware ID in the GPA with the hardware ID on the device label.

Perform a test

Test the system and devices

Done! That's all.

The security system Alarm Connect has been successfully set up, commissioned and tested. What's next?


Change the test project into a "real" customer project

Creating a customer project

Reopen GPA and expand the existing test project.

So that the customer project can be put into commission as "ready for use", all devices in the GPA must be located and configured.

After the project has been commissioned, the devices must first be mounted in accordance with the enclosed instructions and then put into commissioned.

Next, a check can be performed on the wireless control unit by pressing the key  (information key) on the info page to see whether there are any faults or "open detectors" displayed.

Example: "Tamper alarm, alarm control unit": In this case, the housing cover on the alarm control unit Connect has not yet been pushed down to Position 0.

After eliminating all faults, the corresponding messages can be acknowledged on the info page with the factory-assigned PIN (0001). Observe the notes regarding the PIN in the operating instructions of the wireless operating unit.




If the devices from the test project are not installed directly at the customer, all batteries and the battery pack must be removed from the devices before discharge, and stored in a safe place.

The device list

Each device comes with two stickers and the hardware ID.

As shown in the example, you can adhere one of the two stickers to the enclosed device list.

Device list, Example

Serial No.	Hardware ID	Device name	SB
1	-	Alarm control unit	1
2	61-00001 	Wireless operating unit, Hall	1
3	01-00001 	Magnetic contact, Front door	1
4	07-00001 	Motion detector, Hall	1

During configuration in the GPA, you can easily scan the hardware ID with an appropriate scanner.

Device list, Template

GIRA

Serial No.	Hardware ID	Device names	SB

Serial No.	Hardware ID	Device names	SB

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