Remote alarm unit   Art. Nr.: 0814 ..

Product features

- Indication and transmission of alarms, malfunctions, battery status for all programmed alarm detectors
- Remote alarm programming of up to 20 alarm detectors
- Function monitoring of the programmed alarm detectors
- Visual and acoustic alarm indicators
- Simple to program and operate
- Remote alarm unit functions at each plug socket, irrespective of location
- It is possible to run more than one remote alarm units in parallel operation mode

The radio alarm unit can be operated also after programming at otherplug sockets. Programming is preserved thereby.
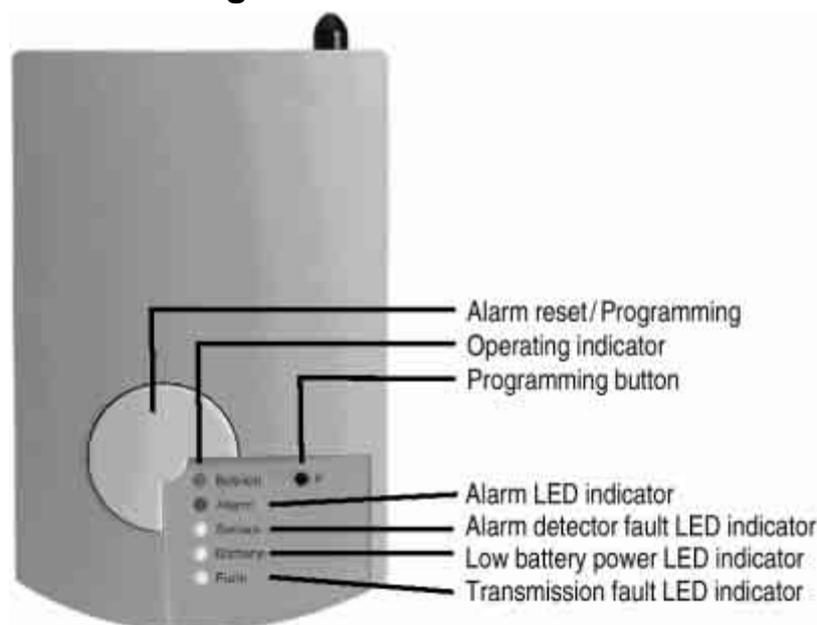
Operating principle

The main purpose of the remote alarm unit is to receive and display alarm signals, from alarm detectors, that cannot be immediately detected at the alarm location.
Alarm signals are transmitted by radio from the alarm detectors to the central remote alarm unit. This ensures that incidents such as fires, gas leaks or flooding in the basement are immediately made known in the upper floors of the building affected. It is possible to operate a few remote alarm units parallel.
The modular design and flexible extension possibilities make it the ideal product to match your own particular safety requirements.

Operating and indicating elements

Alarm reset / Programming
Operating indicator
Programming button

Alarm LED indicator
Alarm detector fault LED indicator
Low battery power LED indicator
Transmission fault LED indicator

Choice of location

The remote alarm unit should be located within sight and earshot of the main part of the house. We recommend installation in one of the rooms most frequented by the people living in the house - normally the living room or main bedroom. The location (plug socket) can be also changed at any time, without starting a new programming procedure. Please observe a minimum distance of 1.5m between the remote alarm unit and the nearest alarm detector. This applies both to operation and during programming.
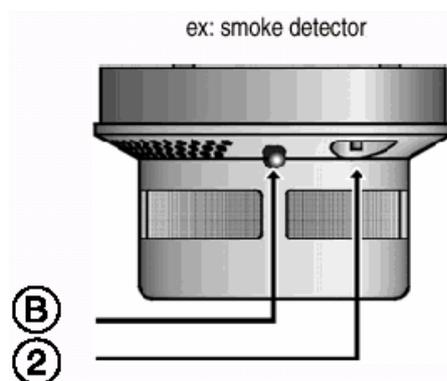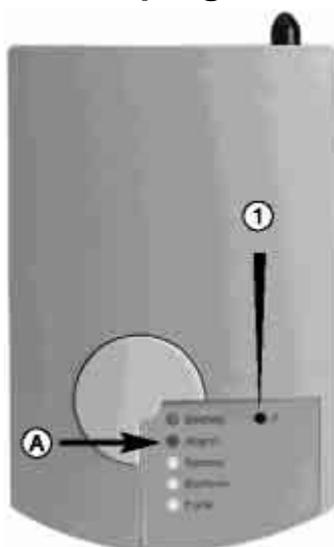
Programming instructions

The remote alarm unit does not require any complicated programming - as it automatically detects the configuration of the alarm system.

Place all the alarm detectors that you wish to program on a table in front of you. Plug the remote alarm unit in a power socker near the table. Ensure that the testing area is at least 1.5m away from the remote alarm unit. Plug in each alarm detector and program all units successively.
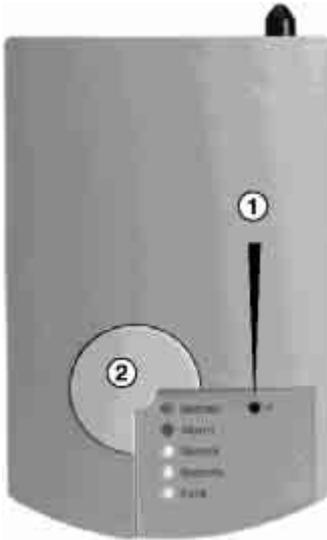
For parallel usage of remote alarm units! It is adviced to program the remote alarm units at the same time. In this case the described programming notes are relevant for all the remote alarm units.

How to program an alarm detector

ex: smoke detector

① Press programming button (ex: pencil or toothpick)
   ➔ red LED   **A** flashes

② Press test button on alarm detector for 4 sec. (detector sounds)
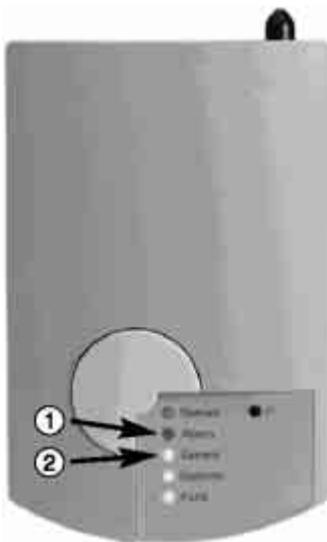   ➔ red LED   **A** lights up
   ➔ red LED   **B** flashes

The red LED goes out after about ten seconds to indicate that the procedure is over. The following detector can now be programmed. Are all alarm detectors programmed please begin with the set up.

How to interrupt programming

① Press programming button
➔ red "alarm" LED flashes

② Press "alarm reset" button
➔ red "alarm" LED goes out

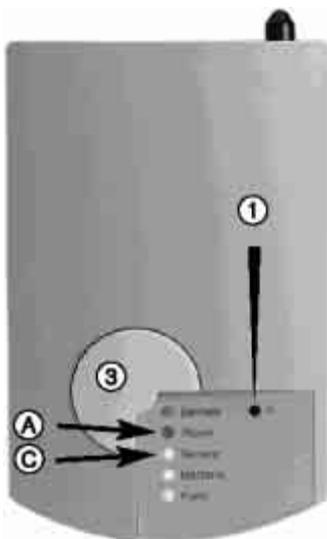This cancels the alarm detector programming procedure and resets the remote alarm unit.

Double programming warning

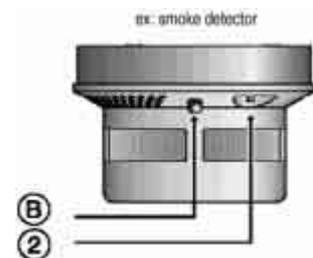If an attempt is made to program an alarm detector that has already been programmed, this is indicated as follows:

① ➔ red "alarm" LED lights up **and**

② ➔ yellow "sensor" LED lights up

After five seconds, the remote alarm unit resets automatically and the LED indicators go out.

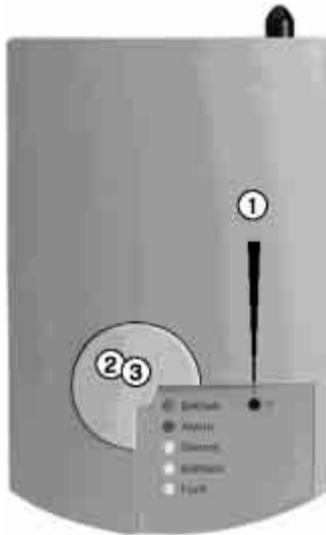## How to reset an alarm detector

① Press programming button
➔ red LED **A** flashes

② Press test button on alarm detector
➔ red LED **A** lights up
➔ red LED **B** flashes
➔ yellow LED **C** lights up

③ Press "alarm reset" within five seconds
➔ red LED **A** goes out
➔ yellow LED **C** goes out

This clears the programming of the alarm detector and resets the remote alarm unit.

Resetting all alarm detectors

① Press programming button
➔ red "alarm" LED flashes

② Press "alarm reset" button for about ten seconds, until
➔ all LED indicators light up

③ Release "alarm reset" button
➔ all LED indicators go out once more

This deletes all programmed data and returns the remote alarm unit to delivery status.
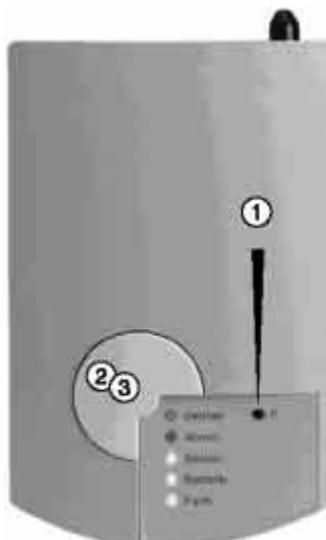

Setting up the system

After programming please install the alarm detectors at their location (see also assembly and operating instruction of the respective alarm detectors). Subsequently, you have to check the radio communication of all alarm units. Depending on the local occurence the assistance of a second person is recommended.

1. Put the radio alarm unit into a plug socket at their location.
2. Press approx. 4 sec. the test button at an alarm detector. If the radio transmission is in function, the warning tone at the remote alarm unit sounds and the red light emitting diode flashes.
3. **Press the yellow reset button two times to quit the alarm**
4. Repeat this test procedure with each alarm detector

If you operate the remote alarm unit at different plug sockets you have to check the radio transmission there as well. If all tests of radio communication are done the system is ready to work.
If the remote alarm unit does not give an alarm while pressing the test-button at an alarm detector, check the programming of the respective alarm detector (see also section Troubleshooting).

Alarm identications

① Alarm signal
➔ alarm sounds
➔ red "alarm" LED flashes

② Press "alarm reset" button once
➔ red "alarm" LED lights up
➔ yellow "sensor" LED flashes

Determine the location of the detector that has detected the alarm situation and take appropriate steps!

③ Press "alarm reset" button once more
➔ all LED indicators go out

If the alarm is not acknowledged, it will stop sounding after 3 minutes
→ red "alarm" LED lights up
→ yellow "sensor" LED flashes
→ a brief warning signal sounds every 40 seconds
→ press the "alarm reset" button to clear the alarm

The alarm will begin sounding once more if further alarm situations are detected at other detectors within the system status ② (above).

If the alarm goes off

Proceed as follows whenever the remote alarm unit registers an alarm situation:

- Acknowledge the alarm by pressing the "alarm reset" button once. Do not press the "alarm reset" button on the remote alarm unit again. The alarm will stop sounding. The relevant alarm detector indicates an acoustic and light signal.
- Determine the location of the detector or detectors that have detected the alarm situation.
- Check to determine the cause of the alarm and take appropriate action (extinguish the fire, call the emergency services, etc.), remembering at all times that human life takes precedence over material possessions.
- At last, press the "alarm reset" button a second time to cancel the alarm.

Troubleshooting

If the remote alarm unit registers an incident while it is displaying a fault message, the fault warning will be cancelled and the alarm will be activated.

"Sensor" LED indicator:
The yellow "sensor" LED lights up to indicate a malfunction in one of the programmed alarm detectors. A search must then be carried out to determine which alarm detector is working incorrectly. In order to aid this search, the relevant alarm detector will emit a brief alarm tone approximately every 40 seconds. (Further information is given in the relevant installation and operating instructions of the alarm detector.) A "sensor" fault can only be rectified by replacing the alarm detector.

"Radio" LED indicator:
There are two possible causes for a radio signal fault:
- There is a break in transmission. This may be due to the alarm detector being at the limit of its transmission range. If this is the case, unplug the alarm detector and test it at a different location, closer to the remote alarm unit.
- There is a fault in the alarm detector or radio module.
Start by testing the alarm detector for correct functioning (press test button, check LED flashing frequency). If one or more alarm detectors are malfunctioning, check for correct programming. In order to do so, first clear the current program and reprogram each item at the remote alarm unit. If this does not rectify the fault, clear and reprogram all the alarm detectors. If the remote alarm unit "radio" fault indicator remains activated, the alarm detector(s) affected must be replaced.

"Alarm" and "sensor" LED indicators:
Up to 20 alarm detectors can be programmed to operate with a single remote alarm unit.
The red "alarm" LED and yellow "sensor" LED will begin flashing if any attempt is made to program in more than 20 alarm detectors.

Battery LED indicators
A weak batterie of a programmed alarm detector will be displayed at the remote alarm unit.
Exchange the battery at the relevant alarm detector (the alarm detector will display a flashing LED and a short warning tone in a pulse of a minute).

Care and maintenance

This remote alarm unit is maintenance-free.

Safety instructions

In order to ensure a long and trouble-free service life, protect all parts of the system from dirt, dust, damp and impact damage.

Radio transmission range
The transmission range depends on a few variables such as construction of the walls and ceiling. Based on usual construction the unit is designed to be sufficient for a large single-family home.

Interference
The modular safety system is not affected by interference proceeding from items such as cordless or mobile telephones. Each alarm detector operates with an unique alarm code, thus preventing false alarms caused by other alarm systems fitted in the vicinity.

Non-liability

The products are quality products, which operate reliably under normal conditions. Nevertheless manufacturers and dealers must exclude any adhesion or requirements for compensation, which could result from a failure of the system.

Technical data

Operating voltage range:	230V_ ±10 %
Ambient service temperature:	5°C to 55°C
Humidity:	Rel. humidity < 80 %
Acoustic alarm emission level:	> 85 dB/m
Integrated operating indicator:	1 green LED
Integrated alarm indicator:	1 red LED
Integrated malfunction indicator:	3 yellow LEDs
Number of alarm units connected to one system:	20 pcs.
Humidity protection:	IP20
Weight:	205 g
Dimensions:	75 x 128 x 78 mm

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

Please return the unit postage paid to our central service department giving a brief description of the fault:

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstrasse 12
D-42477 Radevormwald

CE The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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