

spexor

Original instructions
English



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About this manual

Other applicable documents

Quick Start Guide from the scope of supply

Presentation of information

Hazards and instructions are marked as follows in this user manual:

- Note -

Hazardous situation that may result in damage to property or the environment

- ▷ Marking of an instruction requiring action

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Safety

- ▷ Read all safety warnings and instructions. Failure to observe the safety warnings and instructions can result in short circuits or malfunctions.
- ▷ Carry out all work only according to the complete operating instructions.
- ▷ Only operate spexor if it is in a technically flawless condition.
- ▷ These operating instructions and Quick Start Guide must be kept available at all times. Don't throw either one away!

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Safety

Usage in compliance with the intended use

The mobile alarm device spexor monitors its environment with various sensors and triggers an alarm in case of deviations. spexor should only be used in closed rooms or vehicles and only in dry environments.

spexor may only be used in a normal household environment or in vehicles and under no circumstances in particularly critical areas. spexor is not an alarm system, burglar system or fire alarm system, especially not in the sense of the relevant standards. spexor is neither certified as a smoke alarm device in accordance with standard EN 14604: 2005/AC:2008 nor is it suitable for this purpose. The air quality sensor installed in the spexor is not a calibrated measuring device for high-precision measurements.

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Safety

Hazards

No modifications to the alarm device! Modifications to the alarm device can result in hazardous damage to the battery, short circuit and malfunction. Do not modify the alarm device in any way. Do not open the alarm device. The alarm device does not contain any components that you can maintain or replace.

Fire hazard! Charge the battery of the alarm device only with the charger supplied by the manufacturer. If a charger designed for a particular type of battery is used with other batteries, then there is a risk of fire.

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Safety

Hazardous vapors or liquids! If the device and battery are damaged, vapors or flammable liquids may escape from the battery. The vapors can irritate the respiratory system. Ventilate the area with fresh air and seek medical help in case of complaints. Leaking battery fluid may cause skin irritation or burns. Avoid contact with it. In case of accidental contact, rinse the affected body part with water.

Exposure to fire and heat! Excessive heat can damage the battery or sensors. There is a risk of explosion or short circuit. Protect the alarm device from heat and keep it away from heat sources such as radiators or stoves and from open flames. Observe the operating and storage temperature ranges specified in the Technical Data on page 20.

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Safety

Loud alarm signal! If an alarm is triggered, the audio module of the alarm device emits an acoustic signal that is loud enough to damage your hearing. Do not hold the alarm device directly against your ears or those of other people. Never use the alarm device as a baby monitor!

Penetrating moisture! The alarm device is not protected against moisture, water or liquids. Penetrating moisture can destroy the alarm device. Keep the alarm device away from water or other liquids.

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Safety

Damaged or entangled charging cable! Damaged or tangled charging cables can result in a short circuit. Do not misuse the charger cable for other purposes, such as carrying or hanging the alarm device or to pull the plug from the electrical socket. Keep the charger cable away from heat, oil, sharp edges, tools and other machines.

Hazards caused by unauthorized use! The nature of the device's design and components can result in hazardous situations if the alarm device is used by unauthorized persons. Store unused alarm devices out of the reach of children. Do not allow persons to use the alarm device who are not familiar with the device or who have not read these operating instructions.

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Description

Scope of delivery

- Alarm device spexor
 - Power supply unit
 - USB charger cable
 - Operating instructions
 - Quick Start Guide with QR code
- ▷ Check that all items have been delivered. Do not use damaged parts.



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Description

Components

- 1 Infrared motion sensor
- 2 LED array bar
- 3 ON/OFF switch
- 4 Micro-USB port
- 5 Sound bar, behind it there are further sensors (e.g. pressure, sound)
- 6 Keypad with LED



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Description

The LEDs in the LED array bar indicate the following states:

- Blue** **Continuous light-up:** Smartphone and app are connected to spexor via *Bluetooth*[®].
- White** **Short continuous light-up:** Switch on at the ON/OFF switch.
Short flashes: spexor is still switched on if it is touched or moved while monitoring is deactivated.
Short flashes every 30 seconds: spexor is active when monitoring is activated.
Three flashes sequentially emitted all around the LED array bar: Power supply unit has been detected and charging begins.

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Description

- Green** **Six flashes sequentially emitted all around the LED array bar:** spexor boots up after switching on.
Pulse for 60 seconds: Indicates sensor calibration after monitoring is activated as well as the remaining time to leave the monitored room.
- Red** **Flashing:** The alarm is triggered.
Short continuous light-up: Switch off at the ON/OFF switch.

Depending on the viewing angle, the white light may appear somewhat violet.

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Description

Function

spexor is a mobile danger warning device. Its sensors monitor the environment in closed rooms, e.g. at home, in the garage, in the garden shed, in the mobile home or in vehicles with regard to pressure, sound and movement, vibration, air, temperature, brightness, humidity, fire-related gases, hazardous gases (e.g. carbon monoxide) and air quality. For intrusion detection, spexor continuously evaluates a combination of the various sensors. If deviations are registered, spexor triggers an alarm.

Some of the in-built sensors can only be unlocked with future updates.

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Description

spexor uses standard technologies for cellular mobile telephony and wireless data transmission: *Bluetooth*[®], WLAN and GSM (2G). It can also ascertain its location via GPS data.

If you are nearby, spexor establishes a direct connection to your smartphone and the app via *Bluetooth*[®]. This is only used during setup, but not for activating or deactivating monitoring or for sending alarm messages via your smartphone. This saves mobile phone time and conserves battery power.

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Description

No matter where spexor is installed and how far away from your smartphone, it first sends alarm messages via the mobile phone network (with the integrated mobile phone card) to the automated Bosch data processing back-end. From there, the message is forwarded to your smartphone. At home this is done via WLAN to conserve the battery power of spexor. At all other locations messages are sent via mobile phone 2G technology.

The rechargeable battery of spexor lasts for several weeks on a single charge, and even longer if operated using WLAN exclusively.

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Description

Technical Data



- Batteries: Lithium ion rechargeable battery pack with 10 Ah, 3.7 V
- Charging current: 1.6 A at 5 V
- Battery self-discharge: approx. 4% per month
- Maximum charging time: 8 h
- Supported smartphone operating systems (status 2020): iOS 12.0 or higher, Android 8.0 or higher
- Mobile phone network: GSM, 2G (D2 Vodafone)
- Frequency band, maximum transmission power:
Bluetooth®: 2.4 GHz, +19 dBm TX power
 WLAN: 2.4 GHz, +20 dBm TX power
 GSM: 900 and 1800 MHz, +33 dBm ± 2 dB
 GPS: GNSS can only be received, GPS: L1 band, GLONASS: G1 band

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Description

- Localization: GPS
- Sensor detection: up to 5 m radius for motion detection
- Audible alarm signal: up to 90 dB(A)
- Permissible ambient temperature during operation and storage: -10 ... +60 °C
- Permissible ambient temperature when charging the batteries: 0 ... +40 °C
- Weight: 320 g (11.3 oz)
- Dimensions: Height 115 mm (4.5 inches), largest diameter 70 mm (2.75 inches)
- Type of protection: IP 20

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Commissioning

Installing app and setting up alarm device

- ▷ Download the free “Bosch spexor” app from the Google Play Store or the Apple App Store.



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Commissioning

To install the app, all you need is a smartphone and either mobile phone reception or WLAN. spexor has an integrated eSIM card for mobile phone use.

- ▷ To install the app, follow the instructions of your operating system and the app.
- ▷ The Bosch ID is a central authentication system of Robert Bosch GmbH that is used for many Bosch products or on Bosch Internet pages. It is best to use the Bosch ID user name and password for login. You can also create a new user account via the app.
- ▷ Scan the QR code from the Quick Start Guide. If you do not want to authorize access to your camera, you can also manually enter the 8-digit device number of your QR code.

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Commissioning

- ▷ Permanently store for safekeeping the Quick Start Guide containing the QR code. Don't throw it away – you need the QR code if you want to set up spexor again or pass it on to someone else.
 - ▷ Activate *Bluetooth*® and set up WLAN access. Blue light-up of the LEDs and two short beeps indicate that your smartphone and app are connected to your spexor via *Bluetooth*®.
 - ▷ For the first time set-up, you need to input a 4-digit device code (PIN). The PIN enables you to deactivate the alarm from spexor – even without a smartphone.
 - ▷ Authorize the app to send push messages.
- It is also possible to use several smartphones to control one spexor. This currently works using the same user account.

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Commissioning

- ▷ Load the app on any other smartphone and use the same access data during installation.

Switching on alarm device

In its as-delivered condition, spexor is switched off and its battery may be severely discharged.

- ▷ Switch on spexor at its ON/OFF switch.
The battery needs a minimum charge for this. If the battery charge is too low, spexor is automatically switched on when the charging process begins.
An acoustic signal confirms the switch-on. After switching on, the LEDs light up white briefly. While spexor boots up, they light up green six times.

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Commissioning

Charging the battery

- Note -

Charge the battery of the alarm device only with the charger supplied by the manufacturer. If a charger designed for a particular type of battery is used with other batteries, then there is a risk of fire.

During charging, the ambient temperature should be between 0 °C and +40 °C.

- ▷ Use the USB cable to connect the Micro-USB port of spexor to the power supply unit.
- ▷ Connect the power supply unit to the mains power. The LEDs flash white three times sequentially around the LED array bar thereby indicating the power supply unit has been detected and the charging process has begun.

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Commissioning

- ▷ Fully charge spexor before using it for the first time. This can take up to 8 hours depending on the ambient conditions.

Launching the app

- ▷ Start the app.
- ▷ Log in with your e-mail address and password.
If you have forgotten your password, you can reset it in the app.
- ▷ You can now use the app to operate and configure spexor.

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Commissioning

Adding alarm devices

You can also control multiple alarm devices with your smartphone. There is no limit to how many. You can add more alarm devices in the app. To do this, the alarm device to be added must be turned on and the app must be running.

- ▷ Scan the QR code contained in the Quick Start Guide delivered with the alarm device to be added. If you do not want to authorize access to your camera, you can also manually enter the 8-digit device number of your QR code.
- ▷ Safely store the Quick Start Guide with QR code so it can be used later.

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Operation

The spexor app is the communication interface for your alarm device. You can use it to monitor different states of the alarm device everywhere, such as the battery charge.

You can also manage your user account information, activate or deactivate monitoring or the alarm function, add more alarm devices, use help topics, or book additional features or services later.

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Monitoring

Placing it where you want to monitor

- Note -

Risk of damage! The alarm device is not protected against moisture and water. Penetrating water or moisture can damage or destroy the alarm device. Keep the alarm device away from water or other liquids.

- Note -

Exposure to fire and heat! Excessive heat can damage the battery or sensors. Protect the alarm device from heat and keep it away from heat sources such as radiators or stoves and from open flames.

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Monitoring

- Battery performance depends on various factors, e.g. the ambient temperature.
- ▷ Note the operating temperature range; see "Technical Data" on page 20.
 - ▷ Only place spexor in closed rooms, e.g. inside a house or apartment, in a car, mobile home, garage, garden shed, etc. Close the windows.
 - ▷ Only place spexor in dry places. Do not place spexor outdoors, e.g. not in a convertible with an open top.
 - ▷ Place spexor centrally in the room or vehicle to be monitored or at critical points where intruders are expected, e.g. in the entrance area or staircase.

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Monitoring

- ▷ If possible, place it on a raised "vantage point", for example, on a sideboard or table, or on the dashboard or center armrest console. Make sure that no obstacles, such as walls, furniture, plants, books, etc., impair the range. In this manner, the sensors will be able to detect the surroundings within a radius of 5 m around the device without restriction.
- ▷ When setting up the device, neither the LED array bar nor the sound bar must be covered. Avoid closed or partially closed installation locations such as on a shelf between books, behind cabinet doors, in a cup holder or in the glove compartment.
- ▷ You can find further installation instructions on www.spexor-bosch.com.

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Monitoring

- Metallic surfaces above spexor can shield the GPS signals and prevent the location determination.
- ▷ Ideally, place spexor on the dashboard under the windshield in vehicles.
- Pets such as dogs, cats or birds in the same room can trigger an alarm, but animals in an aquarium or terrarium cannot. People or animals on the other side of glass panes are not detected by the intrusion sensors.
- ▷ Position spexor in such a way that pets cannot be detected.

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Monitoring

Activating monitoring

- ▷ The quickest way to activate the monitoring on location is to tap twice on the top of spexor. An acoustic signal confirms that you have touched the top of the device.
 - ▷ You now have one minute to leave the monitored room. An ascending sequence of tones confirms that monitoring has been activated. After activating monitoring, the LEDs pulsate green for 60 seconds. This indicates calibration of the sensors and signals the remaining time to leave the room to be monitored.
- After this, spexor monitors the environment and can trigger an alarm.

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Monitoring

- ▷ If you forget to activate spexor by double-tapping on the top of the housing, then you can also activate spexor remotely via the app. Activation via mobile phone or WLAN requires some time for data communication: a maximum of 15 minutes during battery operation and 5 minutes during the charging process.

– Note –

Loud alarm signal! If an alarm is triggered, the audio module of the alarm device emits an acoustic signal that is loud enough to damage your hearing. Do not hold the alarm device directly against your ears or those of other people. Never use the alarm device as a baby monitor!

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Monitoring

- At this point, you can also select various settings in the app. For example, you can define how spexor reacts in case of an alarm: whether spexor should emit an acoustic alarm and possibly scare off burglars – or – only send the alarm message to you discreetly. In both cases, you will receive a message on your smartphone and the LEDs will flash red.
- The last 10 alarm messages are stored in the alarm history in the app. The oldest one is then overwritten.
- You can also choose the place of use (environment type) as well as book additional functions or services later.

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Monitoring

Deactivate monitoring

- ▷ Deactivate the monitoring in the app. A descending tone sequence confirms that monitoring has been deactivated.
- ▷ If you want to check if spexor is still switched on when monitoring is deactivated, just touch it or move it a little. The LEDs flash white briefly if it is still switched on.

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Alarm functions

Active alarm

If spexor registers deviations in the usage environment during monitoring, it triggers an alarm. Depending on mobile phone reception, the triggering of the alarm may be delayed or not be triggered at all. The message is sent to your smartphone only after the alarm message from spexor has been received by the automated Bosch data processing back-end.

In addition, the LEDs will continue to flash red for 10 minutes and – depending on your previous selection – spexor will emit an acoustic alarm for 10 minutes.

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Alarm functions

After receiving the alarm notification, you decide how to proceed:

- ▷ If you are nearby, you can check out the situation yourself and deactivate the alarm in the app.
- ▷ Or you can inform the police. You can trigger the call to the emergency call center directly in the app. It connects you to the emergency call center in the country where you are.
If you are abroad and your spexor is monitoring your home, ask neighbors or friends to call the police in case of an alarm.

If spexor constantly triggers false alarms, please contact customer service; see page 48.

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Alarm functions

Deactivating alarm

- ▷ Deactivate the alarm mode in the app. The red LEDs go out and the acoustic alarm is silenced.
- ▷ Alternatively, you can use the buttons on the bottom of the device to enter the previously input device code to deactivate the alarm on site.
Two short signal tones confirm the correct entry of the device code. If you enter the wrong device code, two short, descending signal tones will be emitted.
spexor will also deactivate both monitoring as well as the alarm if you have deactivated the alarm yourself or notified the emergency call center. If you want the alarm device to continue to monitor for you, then you must reactivate the monitoring.
- ▷ You can change the device code in the app.

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Alarm functions

Book additional functions

- ▷ You can extend the application areas of your spexor with additional paid functions or services in the app.
- ▷ The app provides you with an overview of the options you have booked. You can also use the app to cancel booked functions.

The latest version of the operating instructions – which describes all additional functions – can be downloaded at www.spexor-bosch.com.

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Charging the battery

You can remotely check the spexor's battery charge status via the app.

- ▷ To start the charging process, see "Charging the battery" on page 25.
- ▷ Monitoring and alarm functions also work while spexor is charging.

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Updating

Restart

- ▷ Deactivate the monitoring; see "Deactivate monitoring" on page 36.
 - ▷ Press and hold the ON/OFF switch for 3 seconds until the LEDs light up red and three short, falling signal tones confirm the deactivation.
- In some cases, restarting may cause settings to be lost.
- ▷ Switch spexor on again at the ON/OFF switch. An acoustic signal confirms that the device has been switched on.

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Updating

Device update

- Spexor can be equipped with updates via WLAN. The status of the device updates can be found in the app.
- ▷ Deactivate monitoring; see "Deactivate monitoring" on page 36.
 - ▷ Use the USB cable to connect spexor's Micro-USB port to the power supply unit. Then plug the power supply unit into the mains power.
 - ▷ Follow the instructions in the app.
 - ▷ You can also follow in the app the status of updates currently running.
 - ▷ If the status of the currently running update remains frozen at 99%, perform a restart; see "Restart" on page 42.

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Updating

A current version of the operating instructions – which describes all functions added by the device update – can be downloaded at www.spexor-bosch.com.

Updating the app

- If an app update is available, you will automatically receive a message on your smartphone.
- ▷ Just follow the instructions of the operating system on your phone to update the app.
- If the app freezes and you can no longer enter data, please contact customer service; see page 48.

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Storage

- ▷ If you do not need spexor, switch it off at the ON/OFF switch. Three short, falling signal tones confirm that the device is switching off. After switching off, the LEDs light up red briefly.
- ▷ Note the storage temperature range; see "Technical Data" on page 20.

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Maintenance and service

Maintenance

spexor operates maintenance-free.

– Note –

Modifications to the alarm device can result in hazardous damage to the battery, short circuit and malfunction. Do not modify the alarm device in any way. Do not open the alarm device. The alarm device does not contain any components that you can maintain or replace.

- ▷ If your device does not function as described or if your spexor is damaged, please contact customer service; see page 48.

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Maintenance and service

Cleaning

– Note –

Risk of damage! Penetrating water or chemicals can damage or destroy the alarm device. Do not use either water or chemicals to clean the alarm device.

- ▷ It is best to use a soft, clean, dry and lint-free cloth to clean the alarm device, cable and power supply unit.

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Maintenance and service

Customer Service

The spexor customer service will be happy to help you with all questions regarding the device and the app or if your device does not work as described, is damaged or needs to be disposed of.

You can find answers to frequently asked questions (FAQ) on www.spexor-bosch.com under "faq" or in the app.

Germany

e-mail: support-spexor@bosch.com

www.spexor-bosch.com

Hotline: (0800) 37 77 396

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Maintenance and service

Transfer of device

- ▷ Before passing on your spexor, delete all individual data from the alarm device by selecting "Delete device" in the app under "Device settings". You do not need to uninstall the app.
- ▷ Hand over the alarm device with the complete scope of delivery; see page 11. Do not forget to give the buyer the operating instructions and the Quick Start Guide with QR code.

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Maintenance and service

Disposal

- ▷ Before disposing of your spexor, delete all individual data from the alarm device by selecting "Delete device" in the app under "Device settings". You do not need to uninstall the app.
- ▷ Do not throw the alarm device with the built-in battery in the household waste!
- ▷ Permanently installed batteries may only be removed for disposal by qualified personnel. Do not open the housing!
- ▷ Return the alarm device to the appropriate return or collection system for proper disposal. If this is not possible, contact the dealer from whom you purchased your spexor or the customer service; see page 48.

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Maintenance and service



According to the European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), electrical and electronic equipment which is no longer fit for use and, in accordance with Directive 2006/66/EC, defective or used batteries must be collected separately and sent for environmentally sound recycling.

WEEE No.: DE 82229983

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Legal notice

EU Conformity

Hereby grow platform GmbH declares that the radio system type spexor complies with the Directive 2014/53/EU. The complete text of the EU Declaration of Conformity is available for download at www.spexor-bosch.com.

License

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Product Area "Portable Security"

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