

PREFIRA™ SMART smoke detector

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SMART FIRE SAFETY

Smoke alarms can save lives - and be smart and convenient at the same time: with alarm notifications on smartphones and integration into smart home systems via Thread Border Routers.

The certified PREFIRA SMART provides fast warnings when smoke is detected. When there's a fire, every second counts! In addition to the loud alarm tone, the smart smoke alarm informs you via push notification on your smartphone. This means you can react immediately - no matter where you are: at work, shopping or in your free time. Triple protection against false alarms We know: the beeping lifesavers can sometimes be annoying. This smoke alarm is therefore optimised to avoid false alarms. This is achieved by two sensor LEDs in the smoke chamber and automatic recalibration, so that smoke can be precisely distinguished from other particles in the long term despite accumulated dust. In addition, an insect protection screen protects against unwanted alarms from small animals. Sleep undisturbed and safely

Thanks to the adaptive brightness setting, the smart PREFIRA is particularly suitable for the bedroom - the brightness of the status LED is automatically dimmed as soon as it gets darker.

Protect yourself, your loved ones and your property. The PREFIRA SMART informs you when smoke is detected - no matter where you are.

Technologies

- Matter over Thread: the smart alarm can be used across manufacturers in Smart Home systems that communicate via the Matter protocol – a Thread Border Router is required for this

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- Mini design: the particularly small alarm with an attractive appearance has a small diameter of 7 cm
- Smoke alarm function: the alarm detects visible smoke particles in the air and triggers a loud alarm in the event of danger – for an early warning in the event of fires
- Improved smoke chamber technology: automatic contamination compensation and two infrared LEDs in the smoke chamber enable more precise smoke detection and effectively reduce false alarms caused by dust and other particles
- Insect screen: a fine-meshed screen that prevents false alarms caused by insects and other small animals entering the smoke chamber
- Translucent LED: for a pleasant lighting effect, the status LED is located under the housing of the alarm – for a harmonious look without glaring points of light
- Suitable for bedrooms thanks to adaptive LED brightness: a sensor in the detector recognises when the ambient light gets darker and dims the light intensity of the status LED – for undisturbed falling asleep and sleeping through the night
- Large-area test button: almost the entire underside of the alarm serves as a button and can be reached quickly for a function test – with a broom handle or rod, for example
- Mute: the alarm tone can be temporarily switched off by pressing the test button – the alarm remains active and issues an alarm again after 10 minutes if smoke is still detected
- Battery: the alarm is equipped with a replaceable CR123A battery with a battery life of up to 5 years – smoke and heat alarms should be replaced after 10 years of use
- Automatic self-test: silently checks the battery and sensors every 8 seconds
- Acoustic and visual alarm: in the event of danger, the alarm issues a clearly audible warning with a loud alarm tone and by flashing the status LED
- Simple adhesive mounting without drilling: the alarm can be quickly and securely mounted on the ceiling thanks to the adhesive pad already attached – alternatively with the enclosed screws and dowels
- Integrated magnetic holder: the detector can be easily attached to the mounting plate thanks to the built-in magnet
- Tested and certified in accordance with EN 14604:2005/AC:2008: the alarm fulfils the European standard for smoke alarms – certified by the KRIWAN test centre

Operation and use

- Suitable for bedrooms and living areas (particularly suitable for bedrooms): thanks to adaptive LED brightness, ideal alarm for bedrooms and children's rooms; also the perfect choice for use in living rooms and hallways
- Suitable for motorhomes, campers and vans: the smoke alarm is used for early smoke detection in sleeping and living areas

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Technical data - PREFIRA™ SMART smoke detector

Alarm generation	Acoustic, Visual
Alarm memory	No
Areas of application	Bedrooms and children's rooms, Motorhome, camper and van, Living rooms and walk-through rooms
Automatic self-test	Yes
Battery - max. battery life	5 a
Battery - quantity	1
Battery – Permanently installed	No
Battery – Type	CR123A
Compatible with	Alexa, Google Home
Compatible with alarm system	No
Construction type of device	Mini
Detection area of detector (m2)	60 m ²
Detection method	10 a
Height	44 mm
Housing material	plastic
IP protection class	IP 30
Insect screen	Yes
Integrated magnetic holder	Yes
Kitemark certification	No
Length	70 mm
Low battery indication	Acoustic, Visual
Matter over Thread	Yes
Max. Air humidity	95 %
Max. Operating temperature	55 °C
Min. humidity	10 %
Min. operating temperature	0 °C
Mounting plate with standard drilling pattern	No
Mounting type	Adhesive mounting, Screw mounting
Mute function	Yes
Networked wireless zones (multiple zone)	No
Product	Stand-alone
Q mark certified	No
Radio frequency	2400 MHz
Single wireless zone	No

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Technical data - PREFIRA™ SMART smoke detector

Smart Home integration	Yes
Smoke chamber technology	Dual sensing smoke detection, Contamination compensation
Sound pressure	85
Status LED – Features	Clear status display, Adaptive LED brightness (suitable for bedrooms), Translucent LED
Test button	Large-area
Tested in accordance with EN 14604:2005/AC:2008	Yes
Weight	150 g
Width	70 mm
colour	white
diameter	70 mm
EAN	4003318364211