Genius Home Smoke Detector

Product Catalogue 2016

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For your safety

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Content

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Introduction

Genius H with genuine alarm guarantee – simply brilliant.

Annually 70% of the victims of fire die at night. The cause: when we sleep we do not smell anything. When a fire breaks out, the deadly smoke spreads quickly throughout the entire house or flat and goes unnoticed. Smoke detectors such as the new Genius H warn you early and offer maximum protection.

Genius Hx – the next generation smoke detector

Do you live or sleep on more than one floor? Have you finally decided to monitor your kitchen – the number one source of fires – with a smoke alarm device? Then Genius Hx is the right choice for you! In addition to the many features of the Genius H, the Genius Hx offers a host of other advantages, such as the variety of ways it can be used.

Universal use

The range of Genius Hx applications extends beyond the usual areas of use to include difficult environments, such as kitchens, passageways, frost-free cellars and attics. Genius Hx is also ideal for residential buildings and apartment buildings as well as for public facilities, for example schools, kindergartens, dormitories, special-care homes and day-care centres, community centres, and commercial settings such as apothecary shops, doctors' surgeries, offices, hotels and guest houses.

Radio network

Genius Hx can be optionally radio networked. The Basic and Pro radio modules are able to send an alarm signal over long distances in the event of a fire. Special highlight: even with its radio module the Genius Hx has a typical battery life of ten years thanks to its additional battery.

General information

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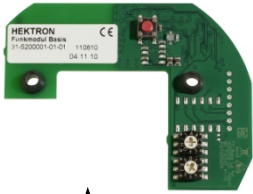
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How to read the catalogue

Example of a typical entry for an item

Basic radio network module	

FM BASIC   31-5200001-01-01

Radio module for wirelessly networking multiple
Genius Hx smoke alarm devices with each other for
area-wide alarm signalling.
- Repeater for alarm forwarding
- 70 lines with identification code
- Programming with rotary switch
- One-person maintenance and range measurement
- Rapid alarm localising
- 10-year power supply via Genius Hx

Technical data

Radio frequency:	868.3 MHz
Radio range:	min. 100 m free field
VdS approval:	G 210149

Illustration

Description and technical data

1. Smoke alarm device

| **Genius Plus** | (Hekatron packing) | **31-5000020-06-01** |
| **Genius Plus-N** | (neutral packing) | **31-5000020-01-01** |

Process-controlled smoke alarm device (DIN EN 14604) with optical and audible signalling for use in living areas.

- Smartsonic for transferring data, as battery status, dust level and more to the Genius App.
- Multicolour led (green, orange, red) for easy status identification.
- Door sensor for temperature fluctuations
- Service support by means of soiling prognosis
- Continuous self-monitoring
- Alarm threshold tracking
- One-hole, two-hole mounting or adhesion mounting
- Large Test button
- Fault suppression and reduced light strength at night with a real-time clock
- Frequency-optimised signal tone
- Permanently built-in battery, typical battery life 10 years
- Standalone

Technical data

Voltage supply:	3.6 V, lithium thionyl chloride battery permanently built-in
Battery capacity:	2.2 Ah
Battery life:	approx. 10 years
Ambient operating temperature:	0°C to 55°C
Storage temperature:	-10°C to +60°C
Operating state display:	Green, Orange, Red
Audible alarm:	85 dB (3 m)
Protection type:	IP 40
Colour:	White satin finish
Dimensions (H x Ø):	48 mm x 104 mm
Weight:	143 g
VdS approval:	G215026

Home Smoke Detector Genius H

Genius H-S	(Securiton packing)	**31-5000001-07-01**
Genius H-N	(neutral packing)	**31-5000001-01-01**

Process-controlled smoke alarm device (DIN EN 14604) with optical and audible signalling for use in living areas.

- Door sensor for temperature fluctuations
- Service support by means of soiling prognosis
- Continuous self-monitoring
- Alarm threshold tracking
- One-hole, two-hole mounting or adhesion mounting
- Fault suppression and reduced light strength at night with a real-time clock
- Frequency-optimised signal tone
- Permanently built-in battery, typical battery life 10 years
- Standalone

Technical data

Voltage supply:	3.6 V, lithium thionyl chloride battery permanently built-in
Battery capacity:	2.2 Ah
Battery life:	approx. 10 years
Ambient operating temperature:	0°C to 55°C
Storage temperature:	-10°C to +60°C
Operating state display:	Red
Audible alarm:	85 dB (3 m)
Protection type:	IP 40
Colour:	White satin finish
Dimensions (H x Ø):	48 mm x 104 mm
Weight:	143 g
VdS approval:	G209178

Home Smoke Detector Genius Hx

Genius Plus X   (Hekatron packing)   31-5000021-05-01

Genius Plus X-N   (neutral packing)   31-5000021-01-01

Process-controlled smoke alarm device (DIN EN 14604) with optical and audible signalling for use in living areas.
- Smartsonic for transferring data, as battery status, dust level and more to the Genius App.
- Multicolour led (green, orange, red) for easy status identification.
- Interface for holding a Basic or Pro radio module
- Door sensor for temperature fluctuations
- Service support by means of soiling prognosis
- Continuous self-monitoring
- Alarm threshold tracking
- One-hole, two-hole mounting or adhesion mounting
- Large Test button
- Fault suppression and reduced light strength at night with a real-time clock
- Frequency-optimised signal tone
- Permanently built-in battery, typical battery life 10 years

Technical data

Voltage supply:	2 x 3.6 V, lithium thionyl chloride battery permanently built-in
Battery capacity:	2.2 Ah per battery
Battery life:	approx. 10 years
Ambient operating temperature:	0°C to 55°C
Storage temperature:	-10°C to +60°C
Operating state display:	Green, Orange, Red
Audible alarm:	85 dB (3 m)
Protection type:	IP 40
Colour:	White satin finish
Dimensions (H x Ø):	48 mm x 104 mm
Weight:	162 g
VdS approval:	G215027

Home Smoke Detector Genius Hx

Genius Hx-S	(Securiton packing)	**31-5000002-07-01**
Genius Hx-N	(neutral packing)	**31-5000002-01-02**

Process-controlled smoke alarm device (DIN EN 14604) with optical and audible signalling for use in living areas.
- Interface for holding a Basic or Pro radio module
- Door sensor for temperature fluctuations
- Service support by means of soiling prognosis
- Continuous self-monitoring
- Alarm threshold tracking
- One-hole, two-hole mounting or adhesion mounting
- Fault suppression and reduced light strength at night with a real-time clock
- Frequency-optimised signal tone
- Permanently built-in battery, typical battery life 10 years

Technical data

Voltage supply:	2 x 3.6 V, lithium thionyl chloride battery permanently built-in
Battery capacity:	2.2 Ah per battery
Battery life:	approx. 10 years
Ambient operating temperature:	0°C to 55°C
Storage temperature:	-10°C to +60°C
Operating state display:	Red
Audible alarm:	85 dB (3 m)
Protection type:	IP 40
Colour:	White satin finish
Dimensions (H x Ø):	48 mm x 104 mm
Weight:	162 g
VdS approval:	G210149

Radio Manual Call Point

FH Genius	**31-5000013-01-02**

Radio call point ,- Interface FH, Genius
The radio call point can be used as a manual call point as well as an radio interface.

Technical data

Radio frequency:	868.3 MHz
Radio range:	min. 100 m free field
Size (B x H x T):	130 x 130 x 32mm

![Securiton logo]

2. Radio module

Radiomodule for Genius Plus X

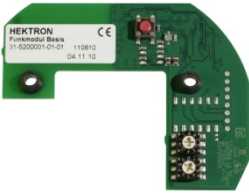**FM.Basis X** 31-5200001-11-01

Radio module for wirelessly networking multiple
Genius Hx smoke alarm devices with each other for
area-wide alarm signalling.
- Repeater for alarm forwarding
- 70 lines with identification code
- Programming with rotary switch
- One-person maintenance and range measurement
- Rapid alarm localising
- 10-year power supply via Genius Plus X
- Plug & Play instalaltion

Technical data

Radio frequency:	868.3 MHz
Radio range:	min. 100 m free field
VdS approval:	G 215027

Radiomodule for Genius Plus X

FM.Pro X 31-5200001-12-01

Radio module for wirelessly networking multiple Genius Hx
smoke alarm devices with each other for area-wide alarm
signalling.
- Repeater for alarm forwarding
- Radio link monitoring for signalling if there is a failure in
  the radio network
- Dismantling detection
- Six group alarm lines for alarm transmission to a central
  point, e.g. in the stairwell
- 70 lines with identification code
- Programming with rotary switch
- One-person maintenance and range measurement
- Rapid alarm localising
- 10-year power supply via Genius Plus X
- Plug & Play instalaltion

Technical data

Radio frequency:	868.3 MHz
Radio range:	min. 100 m free field
VdS approval:	G 215027

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Radiomodule for Genius Hx Basic

FM. Basic-S   (Securiton packing)   **31-5200001-04-01**

FM. Basic   **31-5200001-01-01**

Radio module for wirelessly networking multiple
Genius Hx smoke alarm devices with each other for
area-wide alarm signalling.
- Repeater for alarm forwarding
- 70 lines with identification code
- Programming with rotary switch
- One-person maintenance and range measurement
- Rapid alarm localising
- 10-year power supply via Genius Hx

Technical data

Radio frequency:	868.3 MHz
Radio range:	min. 100 m free field
VdS approval:	G 210149

Radiomodule for Genius Hx Pro

FM. Pro-S   (Securiton packing)   **31-5200001-03-01**

FM. Pro   **31-5200001-02-01**

Radio module for wirelessly networking multiple Genius Hx
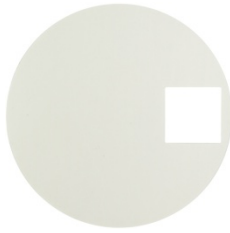smoke alarm devices with each other for area-wide alarm
signalling.
- Repeater for alarm forwarding
- Radio link monitoring for signalling if there is a failure in
  the radio network
- Dismantling detection
- Six group alarm lines for alarm transmission to a central
  point, e.g. in the stairwell
- 70 lines with identification code
- Programming with rotary switch
- One-person maintenance and range measurement
- Rapid alarm localising
- 10-year power supply via Genius Hx

Technical data

Radio frequency:	868.3 MHz
Radio range:	min. 100 m free field
VdS approval:	G 210149

3. Accessories for smoke alarm devices

Adhesive pad Genius H/Hx		

Adhesive pad 10   **31-4100001-01-02**

Adhesive pad 100   **31-4100001-02-02**

Adhesive pad for adhesive mounting of the Genius H and Genius Hx smoke alarm device on surfaces which are smooth, flat, undamaged, clean, dust-free, grease-free and solvent-free.

Technical data

Size (Ø x H):	88 x 1 mm
Material:	Double-sided adhesive plastic foam
Colour:	White

Seal for Genius H/Hx		

Seal set   **31-4100003-01-01**

Mechanical protection against sabotage and theft.
32 pcs. per packaging unit

4. Product Type Index

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