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RF Wireless signaling system  
**signolux**

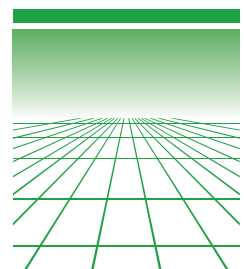


**Whatever sound  
around the home  
you want to be  
visually alerted to:  
»signolux« will let  
you choose how**

»signolux« components are very versatile and can be combined in any order. You can decide how the sounds around the home are displayed to you. Flashing lights, vibrations, illuminated icons or alarm Sounds



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for audiological products







»I can decide which signals my »signolux« indicates – and in which manner«

»signolux« works as a classic transmitter/receiver configuration: A transmitter picks up a sound source and transmits a signal to the receivers. These are then indicated on the receivers – by flashing lights, vibrations, coloured icons or alarm sounds.

**Highly versatile, with an unlimited amount of device connection possibilities**

This system is distinctive for the versatility of the transmitter and receiver components. When pairing the transmitters and receivers, the user decides which transmitter is to be indicated in which way on which receiver. Therefore »signolux« only needs a few transmitter and receiver types. In addition, the distinct pairing allows the use of up to 256 independent »channels«.

**Two types of transmitter**

**a) Transmitters for forwarding the alerts of other devices**

Be it the doorbell or the ringing of a telephone, a babyphone or any other device which gives off an audible signal – connected with the »signolux-universal-transmitters«, these signals can be converted to any desired method of alerting: As visible pulses of light, as an adjustable sound signal, as a sequence of vibrations and at the same time as an illuminated event icon to indicate the source of the alert – always in your immediate vicinity.

**b) Transmitters for the direct forwarding of their own alerts**



»Set 1 with the doorbell and the standard receiver were for me the ideal introduction into this intelligent alerting system«

Nearly all »signolux« components are made for portable use: The radio signal range is up to 80 metres indoors and up to 200 metres in the open.

\* »signolux« is a standalone system and is not compatible with the wireless lisa systems.

The »signolux« product range comprises transmitters, which give off their own alert, directly triggered by the push of a button or activated by an external acoustic event or another cause. The door- or person call button and the smoke detectors can be counted amongst this type of transmitter, which forward a direct alert to the receivers.

**Receivers: Variable indicating and signalling**

The »standard receiver« and the »receiver S« indicate incoming alerts as illuminated signals or even as alarm tones, which can be individually configured – for example door gongs, phone ringtones, alarm- and call tones and many more.

The portable receiver, can be fixed to belts or clothing and indicates events by vibration, while the plug-in receiver can illuminate entire rooms with its strong light flashes.

**»signolux«-Sets**

Apart from single units, the »signolux« range contains also various sets, already put together with transmitters and receivers, such as:

**Set 1 and 2:** These hold a doorbell-pushbutton or the person-call/doorbell-button together with a standard receiver.

**Smoke detector sets** with varying content: One, two or three smoke detectors and for the indication of the same a receiver alarm clock and a vibrating pad.







**»signolux« transmitters**

»signolux« transmitters need to be registered with every receiver which is supposed to indicate it accordingly.

In this context, the user also defines the method of alerting and the event indication.

Each event icon of a receiver can be linked to up to eight different transmitters.

Registering is very easy to do and only needs a small amount of action. The manual, which accompanies every signolux device, explains this process thoroughly.

**1 Acoustic Universal Transmitter:** The transmitter is connected to the sound source by means of a special microphone cable. This picks up the acoustic signal and transmits a signal via radio transmission in the 868,35 MHz range to all active receivers. When connected with a baby microphone (accessory, see reverse page), the transmitter also serves as a baby monitor.



signolux universal transmitter, alarmo, soundmonitor and doorbell are also available in white housing.

With »signolux«, two possibilities for the connection of regular acoustic devices can be chosen:

**Acoustic connection:**  
A special microphone cable connects the sound source to the **Universal Acoustic Transmitter**. It picks up sound – for example a

ringing doorbell – and transmits a signal to the connected receivers.  
**Direct connection (galvanic):**  
The transmitter is directly connected to an electrical output of the sound source and transmits a signal to the connected receivers.

**2 Direct Universal Transmitter:** The connection of the transmitter with the signal source is achieved by a special connecting cable, or in case of a telephone connection a cable which is fitted with the according phone jacks. An incoming call signal is therefore picked up directly and is sent via radio transmission to the receivers.

**3 Doorbell/Person call pushbutton (vertical format):** When triggered, the portable transmitter can optionally display a person call or a doorbell signal.

**4 Doorbell pushbutton:** The doorbell with »signolux« transmission is fixed close to

the door, either by adhesive tape or held by a special mount. The pushbutton transmits its signal directly to the receivers when activated.

**5 »alarmo«** This acoustic sensor - or rather alarm monitor – identifies the alarm sounds of smoke detectors of all brands and sends a radio signal to the receivers within range.

**6 »soundmonitor«:** The universal sound monitor detects all unaltering sounds, which the user teaches – for example personalized telephone or mobile ringtones – and signals their appearance to all active »signolux« receivers within range.

**7 »guardion«:** Smoke detector with inbuilt signolux transmitter module: Triggers an alarm sound and sends out a radio signal directly to the receivers (10 year battery life).

**8 »guardion interlink«:** transmits the smoke alarm signal to all active "signolux" receivers within range – regardless of their default settings.

**9 »guardion CO/temp«:** combined carbon monoxide and fire detector for areas where smoke detectors are not recommended, for example in kitchens, fireplace rooms, boiler rooms or garages (planned for 2021).

**10 »guardion CO/temp interlink«** sends the alarm to all active receivers within range – regardless of their default settings (planned for 2021).



**»My »signolux« brings me all signals of my living space into every room. No more missing a phone call or a visitor at the door.«**



**Compatible with signolux: »iBell-2«**  
The call indicator for mobile phones and tablets shows every incoming call or message with a running light. It can either be used as a stand-alone unit or it can be incorporated within the alerting system. Available in black or silver.





»The pager gives me great freedom of movement on my property because »signolux« will inform me of any ringing within my house«

Almost all receivers feature a connection socket for attaching additional signaling modules (see back page "accessories")



The pager signals by vibrations, together with an illuminated symbol using different colours by different indications. The unit is powered by standard (supplied) or rechargeable batteries (supplied with the charging station (s. accessories). The »signolux« portable receiver also features a socket for connecting an external vibrating pad or other alerting modules.



»Via the Gateway and mobile app, my »signolux« can even reach me when I am queueing up at the supermarket checkout.«









**5 Plug-In Receiver** indicates signals with strong light flash and coloured LED display. Also features a socket for connecting an external vibrating pad or other alerting modules of the Humantechnik product range.

**6 Receiver alarm clock:** Flashing alarm clock and full »signolux« receiver in a single unit. Indicates signals with bright LEDs and extra-loud sound. Also features a socket for connecting an external vibrating pad or other alerting modules of the Humantechnik product range.

**7 The signolux Gateway** establishes the connection between the signolux alerting system and an internet router. It makes the individual alerts of the signolux system available within mobile networks, so that these can be received and indicated by your personal smartphone or smart watch – basically all around the world.

The freeware app for smartphones, »Humantechnik:Alert«, is available for Android and Apple in the according app stores.

**The »signolux«-icons and their meanings:**

-  Doorbell 1: green
-  Doorbell 2: green
-  Phone: orange
-  Person call: yellow
-  Baby call: white
-  Fire alert: red
-  Water alert: blue
-  Alert



The receiver S, the flash lamp as well as the receiver alarm clock are also available in white housing.

**»signolux« receivers**

**1 Standard receiver:** indicates the received signals as illuminated symbols as well as flashing lights and a range of 15 alarm sounds.

Due to its large batteries (Type LR14, C), the standard receiver can be disconnected from the mains electricity for a longer period of time.

**2 Receiver S:** Just like Standard Receiver (#1), the »Receiver S« indicates events with illuminated icons while giving off sound and / or flashes of light.

The indicator light exits 360° through the large section at the top of the device. It is built slightly smaller in comparison to the regular Standard Receiver. Thanks to the included rechargeable batteries, this receiver can also be taken off the mains power for some time, while keeping its full functionality.

**3** The battery-operated receiver T signals events with bright, dimmable all-round flash light, with a powerful signal tone (volume adjustable) and display of the signal source symbols. It can be placed in different places in the home, independently of the mains supply (available from 2021).

**4 The Portable vibrating receiver / pager** can be used with internal stand, carried in a coat pocket or clipped to clothing.

Item description	Item no.	Connection type	Dimensions HxWxD in mm	Colour	Weight	Voltage	accessories / explanatory notes
<b>Transmitters</b>							
Acoustic universal transmitter	A-2656-0	acoustic	75x122x38	bronze-metallic	128 g	3 x 1,5 V	see accessories: Acoustic connection cable / power supply 6 V
Acoustic universal transmitter white	A-2656-W	acoustic	75x122x38	white	128 g	3 x 1,5 V	see accessories: Acoustic connection cable / power supply 6 V
Direct universal transmitter	A-2655-0	direct cable	75x121x38	bronze-metallic	160 g	3 x 1,5 V	see accessories, connection cable
Direct universal transmitter white	A-2655-W	direct cable	75x121x38	white	160 g	3 x 1,5 V	see accessories, connection cable
Doorbell-Pushbutton	A-2657-0		41x90x23	bronze-metallic	41 g		battery type: 1 x CR2032, 3V
Doorbell-Pushbutton, white	A-2657-W		41x90x23	white	41 g		battery type: 1 x CR2032, 3V
Doorbell-/Person call pushbutton, vertical format	A-2659-0		80x40x16	bronze-metallic	41 g		battery type: 1 x CR2032, 3V
Smoke detector »guardion«	A-2638-0		Ø 95 / h: 50	white	155 g		3,6 V Lithium battery (10 year battery life)
Smoke detector »guardion interlink«	A-2642-0		Ø 95 / h: 50	white	155 g		3,6 V Lithium battery (10 year battery life)
CO and fire detector »guardion CO/temp«	A-2672-0		Ø 95 / h: 50	white	155 g		3,6 V Lithium battery (10 year battery life)
»guardion CO/temp interlink«	A-2674-0		Ø 95 / h: 50	white	155 g		3,6 V Lithium battery (10 year battery life)
alarma	A-2681-0		65x100x135	bronze-metallic	220 g		9 V Rechargeable battery and power supply (230 V)
alarma, white	A-2681-W		65x100x135	white	220 g		9 V Rechargeable battery and power supply (230 V)
soundmonitor	A-2680-0	acoustic signal reception	95x122x38	bronze-metallic	185 g		12 V power supply unit / 1 A
soundmonitor, white	A-2680-W	acoustic signal reception	95x122x38	white	185 g		12 V power supply unit / 1 A
<b>Alerting device for mobile phones</b>							
iBell-2 (black)	A-2552-0		Ø 120 x h: 145	black	242 g		3 x 1,5 V AA battery
iBell-2 (metallic-silver)	A-2553-0		Ø 120 x h: 145	metallic-silver	242 g		3 x 1,5 V AA battery
Vibration sensor für mobile phones	A-2695-0	acoustic	L: 0,95 m	white/black	28 g		for connection to the Universal Acoustic Transmitter
<b>Receivers</b>							
Standard receiver	A-2614-0		153x121x43	bronze-metallic	296 g		4 x LR-14, 1,5 V (opt. power supply, accessories)
Receiver S	A-2616-0		145x90x40	bronze-metallic	289 g		4 x rechargeable NiMH battery, size AA, power supply unit! 7,5 V (included)
Receiver S, white	A-2616-W		145x90x40	white	289 g		4 x rechargeable NiMH battery, size AA, power supply unit! 7,5 V (included)
Receiver T	A-2617-0		Ø 70 x h: 140	white	312 g		4 x rechargeable NiMH battery (charger incl.)
Receiver alarm clock	A-2634-0		21 1x125x68	black	400 g		rechargeable battery and power supply (230 V)
Receiver alarm clock, white	A-2634-W		21 1x125x68	white	400 g		rechargeable battery and power supply (230 V)
Gateway	A-2675-0		41x117x133	black	242 g		5 V via USB power supply
Plug-in receiver	A-2644-0		121x65x35	bronze-metallic	215 g		230 V AC
lug-in receiver, white	A-2644-W		121x65x35	white	215 g		230 V AC
Portable receiver	A-2610-0		88x56x28	bronze-metallic	98 g		2 x 1,5 V AAA Bat. For use with rechargeable batteries see accessories or charging station and rechargeable batteries
<b>Sets</b>							
signolux Set 1	A-2621-0	Content: Doorbell-Pushbutton + Standard receiver					
signolux Set 2	A-2622-0	Content: Doorbell-/Person call pushbutton, vertical format + Standard receiver					
Smoke detector set 1	A-2625-0	Contains: One smoke detector, one receiver alarm clock, one vibrating pad					
Smoke detector set 2	A-2626-0	Contains: Two smoke detectors, one receiver alarm clock, one vibrating pad.					
Smoke detector set 3	A-2627-0	Contains: Three smoke detectors, one receiver alarm clock, one vibrating pad.					
Traveler Set	A-2628-0	Contains: One door hanger, the doorbell pushbutton, the receiver alarm clock, a vibration pad and the alarma					
<b>Accessories</b>							
Charging station and rechargeable batteries for portable receiver	A-2696-0		78x82x65	bronze-metallic	97 g		Input 230 V AC – Output 12 V DC
Power supply for standard receiver and universal transmitters	A-2690-0			black			cable 1,80 m
Contact door mat	A-2921-S	potential-free					
Door/Window contacts	A-2922-0	potential-free					
Flood sensor	A-2924-S	potential-free					
Alarmcall-button	A-2935-S	potential-free					incl. Connection lead 10 m
Direct telephone cable	A-2981-0	galvanic					
Direct connection cable	A-2930-S	galvanic					
Direct telephone cable	A-2961-0	galvanic					
Acoustic connection cable, 5m	A-2962-0	acoustic					
»mona« connection lead A 3,5mm to 3,5 mm jack,	A-2973-0		L: 1,20 m				for connection to the »signolux« Acoustic Universal Transmitter (Babyphone input port)
»mona« connection lead B 3,5mm to 2,5 mm jack	A-2974-0,		L: 1,20 m				for connection to the »signolux« Acoustic Universal Transmitter (Door input port)
Baby microphone	A-2691-0						incl. cable 4 m
Vibrating pad	A-3303-0	Cable, with connector	30x85x85	black	118 g		3x Mignon LR6 1,5 V 23 Wh, incl. cable 2 m
Vibrating unit	A-3310-0	Cable, with connector	165x74x52		1380 g		100-240 V (Mains cable 1,6 m)
Flash module MF-1	A-3320-0	Cable, with connector	65x93x134	silver-metallic	388 g		Power supply 12 V DC / 9 V block battery
Acoustic module MA-1	A-3340-0	Cable, with connector	65x93x134	silver-metallic	391 g		Power supply 12 V DC / 9 V block battery
Switch module MS-1	A-3330-0	Cable, with connector	65x93x134	silver-metallic	371 g		230 V

»signolux« is compatible with the mobile phone indicator »iBell« and the video monitoring system »mona« by Humantechnik. The latter extends the alerting possibilities with live video images.



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