Manuals+

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lisa
signolux

lisa signolux A-2676-0 Connect T Receiver

The Lisa-Signolux »Receiver T Connect« helps people with hearing problems to cope with everyday life. It enables the perception of acoustic events in the home through visible signals. The »Receiver T Connect« is part of a medical system and compatible with all devices of the Lisa-Signolux alerting system.

Scope of Delivery

Kindly check if all following parts are included:

- Receiver T Connect«
- User manual
- 4 rechargeable batteries size AAA
- Warranty card
- Power supply unit

If the packaging or the packaging seal (round transparent sticker) is damaged, check the con-dition of the parts. If parts are missing or damaged, please contact your specialist dealer or the manufacturer directly.

Immediate safety instructions

- Before commissioning and using the device, read this manual carefully and completely. Observe the other warnings and safety instructions on page 13.
- Keep this user manual in a safe place so that it is accessible to other users at all times. Each main user must be able to access it.
- Keep Lisa-Signolux devices out of the reach of children! This packaging contains small parts which may present a choking hazard!
- Flashes of light can trigger epileptic seizures in people with photosensitive epilepsy (PSE).

Inserting the rechargeable batteries

The battery compartment is located on the bottom. Press the locking tabs of the compartment cover slightly towards the centre of the unit and lift the cover off. Now insert the 4 supplied rechargeable batteries. Make sure they are in the correct positions according to the markings. Close the battery compartment by replacing the cover and pressing it shut. Connect the mains adapter. The initial charging time is approx. 6 hours.
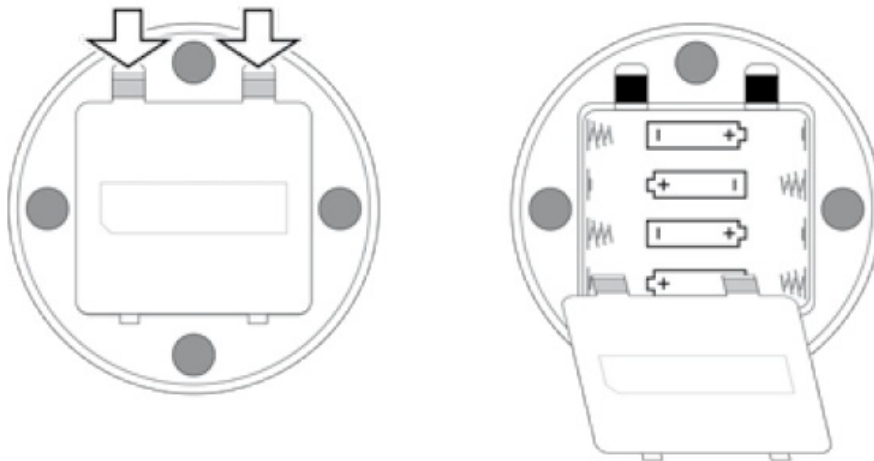
Display and features
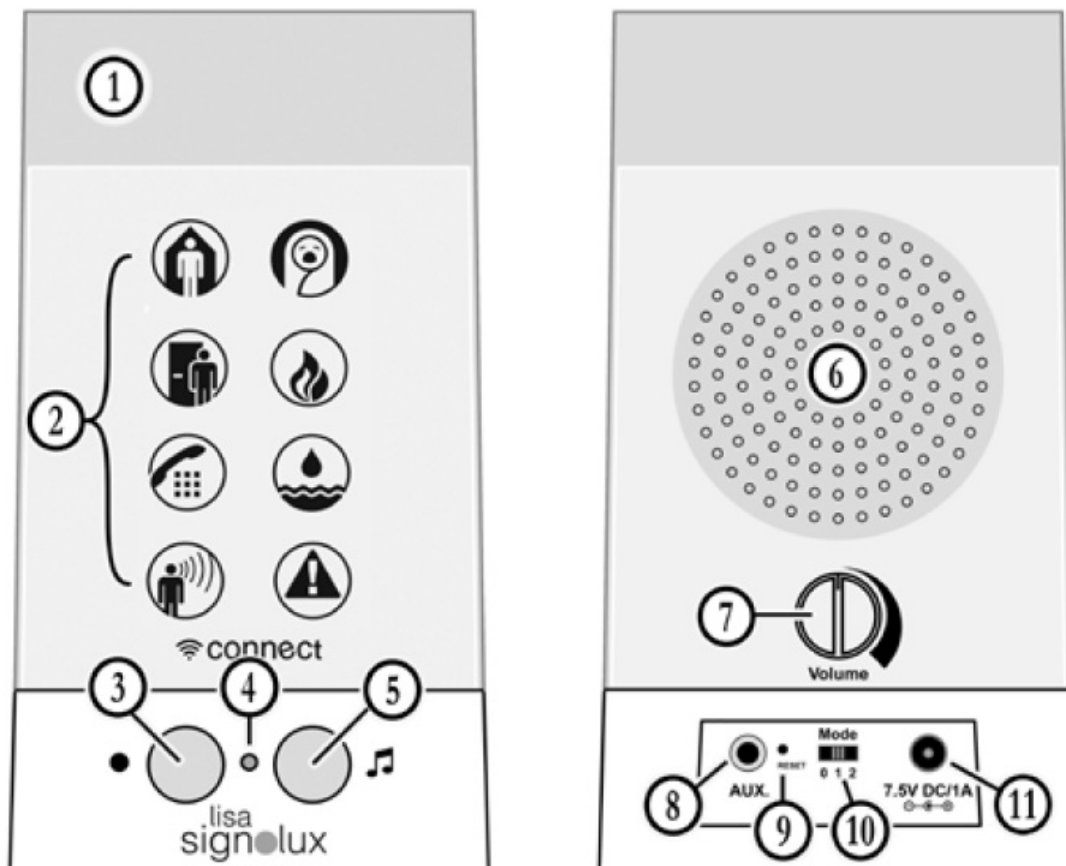
1. Flashing zone and connection indicator light
2. Event icons
3. Function button
4. Status LED
5. Melody button
6. Speaker
7. Volume control
8. AUX output for modules
9. Reset aperture
10. Mode selector switch
11. 7.5 V power connector

Basic functions

A Lisa-Signolux alerting system consists of at least one transmitter (e.g. doorbell pushbutton) and a receiver.

If e.g. the doorbell pushbutton is pressed, a radio signal is transmitted to the receiver. This, in turn, displays the received signal audibly and visually with sounds and flashing lights.

Setting the alerting mode

Using the mode selector switch (10) you can select the alerting mode. – switch to position 0: alerting tones, but no flash

- switch to position 1: alerting tones and flash
- switch to position 2: no alerting tones, flash only

The status of this switch can be viewed on the app.

Setting the volume

Use the rotating volume control (7) to set the volume of the alerting tone.

Safety warning:

This device can generate sounds of up to 90 dB! Protect your sense of hearing! Please set a low volume to begin with and only then adjust it to the desired volume.

Event icons

The icons symbolize:

	Doorbell 1	Colour: Green		Baby	Colour: White
	Doorbell 2	Colour: Green		Fire alarm	Colour: Red
	Telephone	Colour: Orange		Flood alarm	Colour: Blue
	Person call	Colour: Yellow		Alarm	Colour: Red

Automatic pairing

Lisa-Signolux devices can be used together immediately and without prior pairing when delivered.

The displayed icon depends on the type of transmitter. This information can be found in the user manual of the according transmitter.

Optional manual pairing

1. Note 1:

If a transmitter is to be displayed with an event icon of your own choice, this can be done as described in the chapter „Linking transmitter alerts with event icons". However, this causes the receiver to lose the automatic pairing function and all transmitters previously shown on the receiver must be individually paired.

2. Note 2:

Should there be repeated false alerts when using the preset transmitter indication, this may hint at a neighbouring Lisa-Signolux installation causing interference. In this case, the problem can be solved by individually pairing all transmitter and receiver units within the setup (see „Linking transmitter alerts with event icons").

Reset to factory defaults

Delete the pairing of each event icon (see „Deleting transmitters").

When all previously assigned transmitters have been removed from the memory of the receiver, the preset transmitter indication is restored and the transmitters are automatically displayed.

Linking transmitter alerts with event icons

Up to 8 transmitters can be assigned to each event icon. This is achieved by pairing a transmitter with an icon of your choice. Please keep in mind that a transmitter can only be paired if it is not already stored in the memory of the receiver. If required, you might first have to delete the transmitter from the memory (see "Deleting transmitters").

- Keep the function button »●« (3) pressed for some time. The event icons start to light up in sequence. Let go of the button as soon as the desired icon is lit.
- Trigger your transmitter (e.g. operate the doorbell pushbutton or test button).
- Wait for about 20 seconds, then test the function by triggering the transmitter again.

Setting the melody

You can freely set every provided tone to an event icon of your choice. The mode selector switch must be either set to 0 or 1.

- First trigger an alert (e.g. operate doorbell pushbutton).
- The icon assigned to the transmitter lights up and the previously chosen tone should be heard.
- Press and hold the melody setting button »♫« (5) for two seconds.

- Let go of the button and press it repeatedly until you have found the desired melody (you can choose from 16 different tones).
- Once the icon ceases to flash, the selected tone has been set.

Deleting transmitters

Do the following if you wish to delete a transmitter from the device memory:

- Keep the function button »●« (3) pressed for some time. The event icons start to light up in sequence. Let go of the button as soon as the icon in question is lit.
- Now press the function button »●« and the melody button »♫« (3)+(5) at the same time. All icons briefly light up and the transmitter is deleted from that icon.

Please note: This procedure will delete all transmitters assigned to this event icon.

Status-LED

The receiver informs about the state of its own batteries as well as the batteries of the linked transmitters:

- A sufficient battery charge level of the receiver is indicated by the status LED flashing red every 5 to 6 seconds.
- A low battery level of the receiver is indicated by the status LED flashing red every two seconds. Please recharge the receiver as soon as possible (attach the power supply unit).
- If the battery level of a transmitter is low, the status LED lights up red every 2 seconds after the transmitter has transmitted its signal. Please replace the batteries of the according trans- mitter at the next possible opportunity.
- Behaviour of the status LED when the power supply unit is connected:
- Charging the battery: The status indicator lights up red. The red light is interrupted for half a second every 6 seconds.
- Battery is charged and the unit is ready for operation: The status indicator lights up green. Every 6 seconds, the status indicator briefly lights up in red.

Emergency power supply

- The rechargeable batteries are used to power the device in the event of a power failure. The operating time per charge is several hours, depending on the frequency of incoming displayed events.
- The receiver should therefore not be disconnected from the power supply.
- Recalling the last alert, cancelling the current alert
- Press the »●« button to display the last registered alert again.
- You can also cancel an active indicated alert by pressing this button.

AUX-socket and power connector

The »AUX«-socket (8) and the power connector for the power supply (11) can be found on the rear of the receiver. All following Humantechnik modules can be connected to the AUX-output:

Vibrating pad (A-3303-0), Battery-free vibrating pad (A-3304-0/W),
Vibrating contraption (A-3310-0)

These are available as accessories. When an event is displayed, the alert is also indicated over the connected modules.

The power connector is used to supply power via the power supply unit. This is used to charge the batteries, but it can remain connected for permanent operation of the unit.

Extended »Connect« functions

App installation

Please locate the app »HT-Connect« in your respective app store (available for Android™ and iOS, free of cost) and install it.

Make sure to activate your Wi-Fi and the Bluetooth function on your mobile phone or tablet. The following instructions relate to a »Receiver T Connect« which is new, or one on which the connection settings have been reset.

Configuration

Connection modes

The »Receiver T Connect« offers 2 connection modes:

- Connection between the phone and the receiver via Bluetooth

- Connection between the phone and the receiver via WiFi.

Both modes enable the display of Lisa-Signolux events on the phone, depending on the phone's operating system. The signalling of incoming calls and messages from the phone on the Lisa-Signolux system can take place via both connection types with Android, with iOS only via Bluetooth.

However, Bluetooth mode is very limited in transmission range and only recommended in direct vicinity of the phone to the receiver.

A connection via WiFi is almost unlimited in range, as it directly connects the phone with the receiver via the domestic WiFi setup and will also connect you automatically via the mobile data networks when you are not within your living space. Please make sure that your WiFi setup is stable.

- **Connection indicator light**

  Successful connection to the Wi-Fi network is indicated by a weak white-green light within the flash zone (1). Bluetooth connection is indicated by blue light. If the connection via the cloudserver network is active, this will be indicated instead by yellow light.
- **Basic connection setup**

  Open the »HT-Connect« app on your phone or tablet. Tap on "Add device". Select "Lisa-Signo-lux T Connect". Now authorize the requests your phone may display. After a short scan, the receiver should be listed. The exact name of your device can be found in the battery compart-ment. Tap on the the entry and connect with the »Receiver T Connect«. Now select "Bluetooth" to connect.
- **Bluetooth® Mode**

  If you select "Bluetooth", your phone will connect to the »Receiver T Connect« via Bluetooth. Authorize any permission requests which may appear on your phone. You will then see the event icons overview page of the app. All functions are now accessible within the limited transmission range of a Bluetooth connection. You can now access the various settings within the app, which are briefly described in the following chapters.
- **Wi-Fi mode**
- **Setting up a user account**

  After connecting to the device by Bluetooth, the WiFi connection mode can be set up.

You will need to set up a user account within the app first. Enter the "Me" page of the app, by tapping on the three dots ⋮ at the bottom right-hand corner. Select "Sign In", the registration pagewill be displayed. In a new setup, you will need to "Sign up", which is located in the top right corner of the screen. The data protection rules of the Humantechnik GmbH apply.

- **Registration:**

Enter your email address. Enter a password of your choice. Within the line "Verification Code", tap on "Get Code". Check you email inbox for a new email containing the code and enter it in the "Verification Code" line. Tap on "Sign Up". Your user account is now established.

Setting up the WiFi connection

Go to the home page via the home icon and select your device. On the overview page with the event icons, tap on the access to additional settings in the top right-hand corner. Now select 'WiFi' as the connection type. Enter the email address and password as previously specified and tap on 'Sign in'.

Tap on 'Change network'. The available networks are displayed – select yours, enter the network password and tap 'Connect'. Approve all authorisation requests that appear on your phone.

Once the Wi-Fi connection has been set up, your phone is connected to the receiver and all its functions. If your phone is outside the Wi-Fi network, the connection is automatically established between the receiver and the phone via the cloud and the mobile data networks.

Please note:

- When the phone is connected via cloudserver and mobile networks to the "Receiver T Con-nect", incoming messages and phone calls will not be indicated or forwarded by the "Receiver T Connect". This will prevent unneccessary event indications on the Lisa-Signolux system when you are outside of your home.
- You can now access the various settings within the app, which are briefly described in the following chapters.

- Receiving Lisa-Signolux-event messages on your mobile device
- Whenever your mobile device is connected th the "Receiver T Connect" it will display event indications form the Lisa-Signolux system as push messages on the screen.
- You can deactivate the reception of Lisa-Signolux events on your phone on the app's "Me" page (On Line Setting) but please note that the fire alarm will be displayed in any case.

Indication of telephone events on the Lisa-Signolux system

The Lisa-Signolux system can display notifications from your phone (incoming calls, messages, alerts) according to your phone's notification settings. The event icon that is displayed on the Lisa-Signolux system for this purpose can be freely selected on the app (notification icon). If your mobile phone is connected to the »Receiver T Connect« via the local WiFi network or Bluetooth, the Lisa-Signolux system can inform you of incoming calls and messages with the usual light flashes and an event icon of your choice.

Open the app. In the "Settings" page, select "APP Notify symbol". Give permission for the notification function according to your phone's user interface.

You will see a list of the installed phone apps, for which you can get notified. Activate the per-mission for the »HT-Connect« app.

Press the return arrow < on the top left side of the screen. The 8 event icons are displayed. Se-lect the icon which you wish to appear on the Lisa-Signolux system, when you receive incoming calls or messages on your phone.

Notes on Android™:

Notifications (incoming phone calls, SMS, Whatsapp) are displayed on the Lisa-Signolux sys-tem as long as Bluetooth or WiFi and the HT Connect app are active – even in standby mode. Android is a brand of Google LLC.

Notes on iOS:

Due to the more restrictive nature of the iOS operating system, this function is very limited. Incoming calls and messages can only be indicated if there is a Bluetooth connection to the 'Receiver T Connect'. This feature is not available over the WiFi connection.

Reset

- The reset button behind the small aperture (9) serves to reset the the Bluetooth and WiFi connection settings to their default state. The basic Lisa-Signolux functions, like Individually linked Lisa-Signolux transmitters, are not affected by this reset button.
- Take a pointed object (e.g. a ballpoint pen), insert it in the reset aperture and then press and hold the internal switch within the device.
- After a few seconds: The blue light lights up in the flash zone. If you now release the button, the connection settings are reset.
- If the reset button continues to be held down, a red light will light up in the flash zone after a few more seconds. When the button is released, further internal settings are also reset.

Important:

Please keep in mind that some delay or even malfunction in the exchange of alerts between the Lisa-Signolux system and their indication on the app may be possible. This can be caused by multiple factors, which are beyond the control of the Humantechnik GmbH.
The Humantechnik GmbH and its partners can and will not accept any liability for possible consequences of delayed or missed transmission of information.

Troubleshooting

Faults in Lisa-Signolux basic functions:
Symptom: The receiver does not work

- Check if the power supply unit is connected and receives power.
- The rechargeable batteries may be inserted incorrectly. Ensure the correct orientation of the rechargeable batteries.
- The transmitters and receiver are out of transmission range. Try using the transmitter or receiver at a different location.

Symptom: The transmission range is reduced

Metal structures and other building materials can reduce the transmission range. If possible do not mount the transmitter or receiver near or on metal parts.

Interference from other devices. Avoid setting up Lisa-Signolux devices close to mobile phones and display screens.

Walls and ceilings reduce the range. Reduce the distance between the transmitters and the receiver or try a different location for the devices.

- **Symptom: The red status LED lights up with an alert**

  This indicates a low battery in the according transmitter. Insert new batteries in the transmitter.

- **Symptom: There is no alert tone**

- Check the position of the mode selector switch (10) on the rear of the receiver. See page 19.

  Ensure that the volume control (7) is not set to the lowest setting.

- **Symptom: The flash does not work**

  Check the position of the mode selector switch (10) on the rear of the receiver. See page 19.

- **Symptom: When trying to pair a transmitter, a different icon lights up**

  The transmitter you are trying to pair has already been paired with the receiver. Delete the trans-mitter from the unwanted icon before linking it to a new icon. See page 21.

Faults with »Connect«-functions:

The following applies: The range of functions depends on the smartphone manufacturer, operating system, firmware, granted authorisations and other settings!

Symptom: The phone does not receive any Lisa-Signolux event messages

- Check whether Bluetooth / WLAN are activated on the phone.
- Check whether the HT Connect app is active.
- Check whether the HT Connect app is connected to the device.
- Check within the HT Connect app whether event icons or the notification function have been deactivated.

These points should be checked first in any case.

- Symptom: No notifications from the phone are signalled on the Lisa-Signolux devices
- This function is severely restricted on iOS devices. Incoming phone calls and notifications can only be indicated when a Bluetooth connection to the »Receiver T Connect«is given.
- Android: Check whether the HT Connect app is active. Check the authorisations granted for third-party apps such as WhatsApp and other messenger services.
- Symptom: The Bluetooth connection cannot be established
- Check whether Bluetooth is activated on the phone.
- Switch the phone's Bluetooth function off and on again.
- Close the HT Connect app and activate it again.

If the problem persists:

- Press the reset button (9) on the device until the blue light in the flash zone lights up and then release. This resets all connection settings of the receiver.
- Uninstall the HT Connect app and reinstall it.

Symptom: The WiFi connection cannot be established

- Make sure that the registration details and the network password have been entered correctly.
- Close the HT Connect app and reactivate it.

If the problem persists:

- Press the reset button (9) on the device until the blue light in the flash zone lights up and then release. This resets all connection settings of the receiver.
- Uninstall the HT Connect app and reinstall it.

For the latest information, updates and further assistance with this device, please visit: https://www.humantechnik.com/en/products/wireless-alerting-systems/rf-alerting-system-lisa-signolux/receiver-t-connect

Warnings and safety instructions

This chapter lists further important information for safe handling and other conditions for operation.

Safety instructions for rechargeable batteries and power supply

- Charge the batteries fully at room temperature before the first use.
- Only use the specified battery type NiMH AAA (HR03)! There is a risk of explosion if the wrong type of battery is used.
- Batteries must not be exposed to high or low extreme temperatures and low air pressure during use, storage or transport at high altitude.
- Disposing of batteries in fires, ovens or by mechanical crushing and cutting may cause fires or explosions. Exposing batteries to extremely high temperatures may cause an explosion or leakage of flammable liquid or gas.
- Batteries exposed to extremely low air pressure may explode or emit flammable liquid or gas.
- Use only the original power supply with the receiver.
- Remove the batteries from the unit if it will be out of use for a longer period of time (> 3 months).
- If the batteries are not sufficiently charged, event messages from the system may be missed!
- Lay the cable of the power supply unit in such a way as to avoid tripping hazards and possible damage to the cable.
- Rechargeable batteries and regular batteries are toxic and must not be swallowed! Keep them out of the reach of children and pets. In case of emergency, seek appropriate medical attention immediately.

Information on product safety

- Please observe these instructions to avoid damage to the unit and possible invalidation of the warranty.
- The device is designed for use in living areas. The unit must not be exposed to direct sunlight for long periods of time and must also be protected from excessive heat, moisture or strong mechanical shocks.
- Only place the unit on flat surfaces. Do not drop the unit. Dropping the unit on a hard surface can damage or destroy it.
- Do not disassemble the device or the power supply unit; there is a risk of electric shock. Opening and modifying the unit will immediately void the warranty. Only use accessories from Humantechnik.
- Do not place the device in extremely bright locations, such as sunlit windowsills, as there is a risk of not being able to see the flash.
- This unit is not suitable for outdoor use. Do not allow the unit to become damp or wet.
- Only use units of the Lisa-Signolux system where electronic devices are permitted.
- When using in aircraft, it is essential to obtain the prior consent of the flight personnel. Strong interference signals from third-party devices can impair or completely prevent the function. Do not place potentially interfering devices such as screens and mobile phones closer than 30 cm to Lisa-Signolux devices and, if necessary, their cabling, as important event messages such as fire warnings may be prevented.

Environmental conditions

Units of the Lisa-Signolux system should only be operated in a dry environment within the GUI-delineated values for temperature and humidity specified in these operating instructions. Humidity and moisture can lead to failure of the units.

Maintenance and cleaning

The unit is maintenance-free. If it becomes dirty, it can be cleaned with a soft, damp cloth. If neces-sary, use only commercially available alcohol-based disinfectants. Never use cleaning agents or disinfectants that contain acetone or hydrogen peroxide or that are bleaching, corrosive or abrasive. No liquid or moisture may penetrate the openings of the unit.

Compatible Lisa-Signolux-transmitters

The device is compatible with all transmitters of the Lisa-Signolux product range:

- Direct universal transmitter (A-2655-0/W)
- Universal acoustic transmitter (A-2656-0/W)
- Doorbell-pushbutton (A-2657-0/W)
- Doorbell/Personcall pushbutton (A-2659-0/W)
- Smoke detector Guardion (A-2638-0)
- Smoke detector Guardion Interlink (A-2642-0)
- Combined detector CO/Temp (A-2672-0)
- Combined detector CO/Temp Interlink (A-2674-0)
- Soundmonitor (A-2680-0/W) Alarmmonitor „Alarmo" (A-2681-0/W)

For your safety: To ensure the function of the system, a function test must be carried out after installation. If smoke detectors are integrated into the system, it is a legal requirement to check the detectors and their alerting regularly!

Service, warranty and warranty conditions

- The unit has a high level of operational safety. If faults should occur despite proper operation, please contact your specialist dealer or contact Humantechnik GmbH directly.
- The warranty covers the repair of the product and returning it to you free of charge. It is recommended that you send in the product in its original packaging, so keep the packaging for the duration of the warranty period.
- The warranty does not apply to damage caused by incorrect handling or attempts to repair the unit by people not authorised to do so (destruction of the seal on the unit).
- Likewise, damage due to natural forces, such as fire and flooding, is not covered by the warranty.
- Repairs will only be carried out under warranty if the completed warranty card is returned accompanied by a copy of the dealer's invoice/till receipt.
- Always specify the serial number in any event.

Disposal of used electric and electronic units (applicable in the countries of the European Union and other European countries with a separate collection system).

The symbol on the product or the packaging indicates that this product is not to be handled as ordinary household waste but has to be returned to a collecting point for the recycling of electric and electronic units. You protect the environment and health of your fellow men by the correct disposal of this products.

Environment and health are endangered by a faulty disposal. Material recycling helps to reduce the consumption of raw material. You will receive further information on the recycling of this product from your local community, your local disposal company or your local dealer.

Battery disposal

Please dispose of used rechargeable batteries and batteries properly, according to your local regulations.

Specifications

- Working range: 10 to 30°C, optimum ambient temperature: 25°C

- Operation: < 90%, non-condensing (transport, storage and operation)
- Protection class: IP 20
- Radio frequency: 868.425 MHz
- Transmission power: less than 10 mW, all modes
- Transmission range: Lisa-Signolux: up to 200 m open space, up to 80 m in buildings
- Bluetooth: up to 15 m Wi-Fi: up to 30 m
- Bluetooth version: 5.2
- Loudness: up to 90 dB at 1 m
- Rechargeable batteries: 4 x AAA NiMH 1.2 V HR03
- Power supply: Primary 100 – 240 V AC / 0.4 A maximum
- Secondary 7.5 V DC / 1.5 A
- Electrical safety: Protection class 2
- Dimensions (H x Ø): 143 x 80 mm
- Weight: 250 g
- Operating time per charge: max. 8 hours as blackout backup power
- Expected lifetime of the unit: approx. 10 years

Humantechnik's UK authorised representative:

- Sarabec Ltd.
- 15 High Force Road
- MIDDLESBROUGH TS2 1RH
- United Kingdom

Sarabec Ltd., hereby declares that this device complies with all UK statutory instruments. UK declaration of conformity available from: Sarabec Ltd.

Markings

MD	This is the labelling of Humantechnik GmbH for a medical product according to EU 2017/745.
UDI	This is the marking for the product identification number to identify the medical device.
SN	This is the marking for the serial number to identify the medical device. This is indicated on the device and the packaging.
REF	This is the identification for the manufacturer's item number.
	This is the marking for the manufacturer of the medical device.
	This symbol indicates the production date of the medical device.
CN	This is the marking of the country of production of the medical device. This is shown on the device and the packaging.
	This symbol indicates distributors for the medical device.
	This symbol indicates that the user should read these operating instructions attentively.
⚠	This sign indicates warnings that are important for the user as well as important information on use and operational safety.
	Temperature range for transport and storage: -5°C to 40°C. Temperature range for operation: 10°C to 30°C, i optimum ambient temperature: 25°C
	Humidity during transport and storage: < 90% (non-condensing) Operating humidity: 15% to 90% (non-condensing)
	Atmospheric pressure range during transport, storage and operation: 700 hpa to 1060 hpa
	This mark indicates that this appliance does not require sterilisation.
CE	The CE mark on the device confirms conformity with the European requirements of the Medical Device Regulation (2017 / 745 / EU Medical Device Directive (MDR)).

- 2011 / 65 / EC + 2015 / 863 / EC RoHS-Directive
- 2012 / 19 / EC WEEE-Directive
- 2014 / 53 / EC RED-Directive

- Complete declarations of conformity are available on the Internet at www.humantechnik.com in the service area.
- All serious incidents must be reported to the manufacturer and the according local authority!
- Technical specifications may be subject to change without prior notice.

Documents / Resources

	[lisa signolux A-2676-0 Connect T Receiver](#) [[pdf](#)] User Manual A-2676-0, A-3303-0, A-3310-0, A-3304-0-W, A-2676-0 Connect T Receiver, Connect T Receiver, Receiver

References

- [User Manual](#)

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