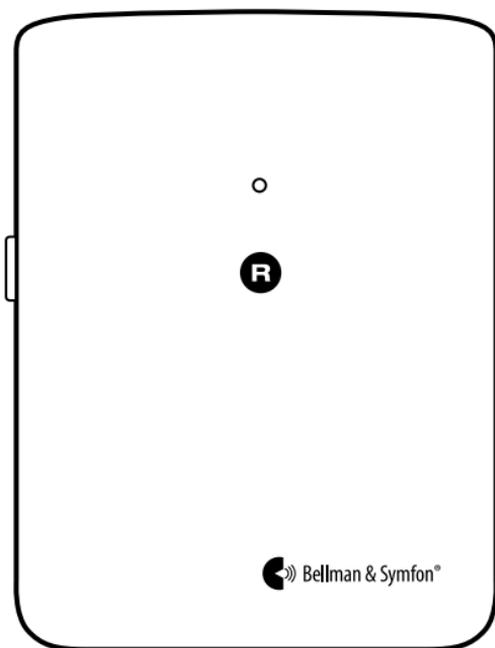


**BE2371**  
**Amicus Repeater**



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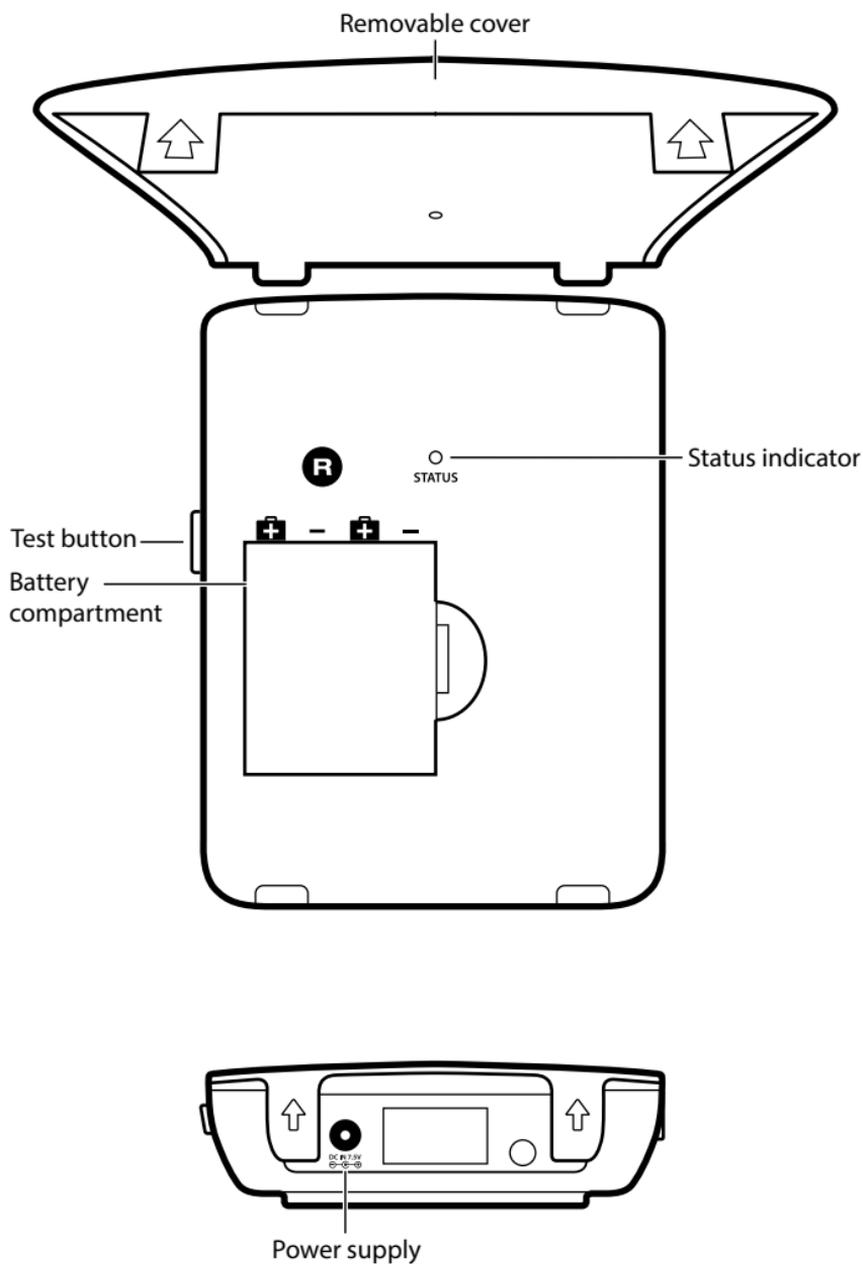
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## **Introduction**

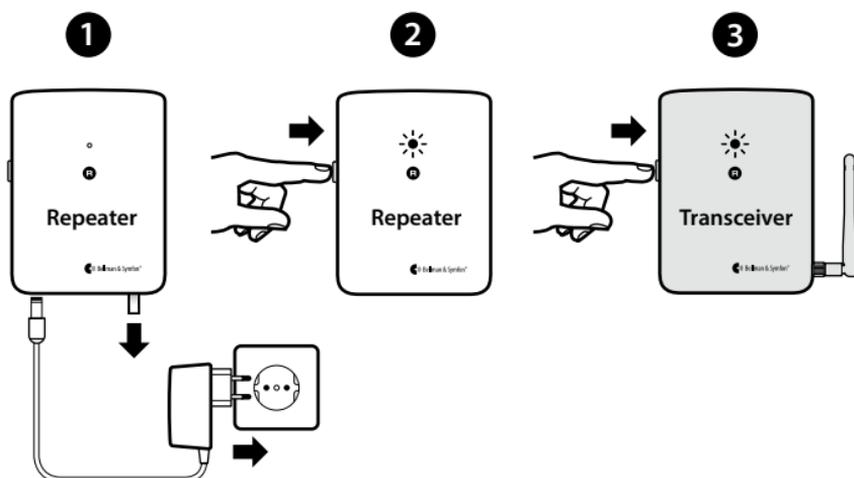
The Amicussystem has an impressive range of more than 600 m line of sight. In buildings with thick walls of reinforced concrete, the radio range can however be significantly reduced. In those circumstances, we recommend that you complement the system with one or several repeaters.

# Overview



# Connecting the repeater

- 1 Remove the battery tab to start the repeater. Connect the power supply to the repeater and the mains outlet.
- 2 Press and hold the test button on the repeater. Release the button when the status indicator starts to blink in blue.
- 3 Press the test button on the transceiver within 10 s to pair the units. The status indicator on the repeater will blink three times in green to confirm.



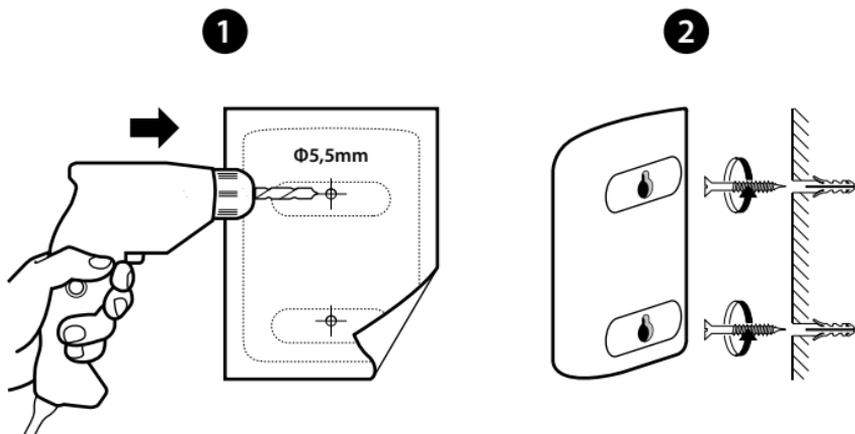
## Status indicator

The indicator on the front of the repeater shows the current status. It can for instance tell you when the repeater forwards an alarm or if an error has occurred.

If the indicator is	It means that
Blinking in green	▪ The system is working normally.
Blinking in yellow	▪ The repeater is activated by a transceiver and forwarding an alarm.
Blinking in red	▪ The battery level is low. Charge or replace the batteries, see <b>Changing batteries</b> on page 18.
Blinking in purple	▪ The batteries are fitted incorrectly or of the wrong type, see <b>Changing batteries</b> on page 18.
Blinking in blue	▪ The repeater is ready to be connected to a transceiver.

# Mounting the repeater

- 1 Use the drilling template to mark and drill two holes.
- 2 Leave a 2 mm distance between the screw head and the wall. Hang the transceiver on the wall and check that it is fitted securely.

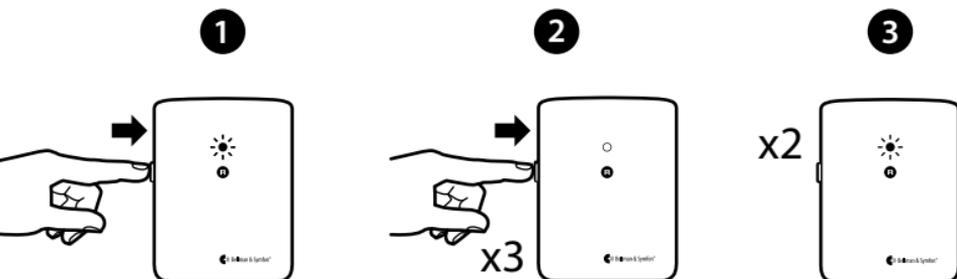


# Deleting the connection

**Here is how you delete the connection to the transceiver**

- 1 Press and hold the test button on the repeater. Release the button when the status indicator starts to blink in blue.
- 2 Press the test button three times in quick succession.
- 3 The status indicator blinks twice in green to show that the connection to the transceiver has been deleted.

**Note:** This action deletes the connection permanently and cannot be cancelled.



# Testing and maintenance

It is important to check the system's functionality at least once a week. Perform a full system test that includes activating all sensors and testing all transmitter and repeater functions.

## Important!

- More frequent test intervals may be required if it is specified in the sensor user manual.
- More frequent test intervals may be required in special circumstances, if the system configuration has been modified or if a unit has been dropped.

## Changing batteries

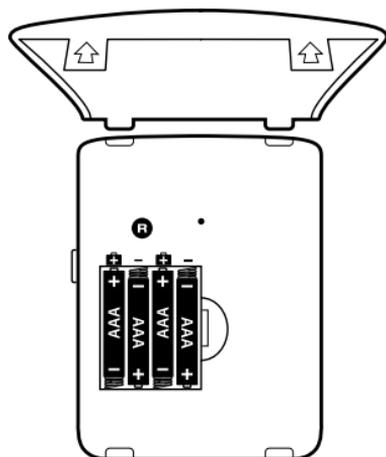
Check the battery performance regularly to ensure that the repeater is fully functional. Please note that rechargeable NiMH batteries should be replaced approximately every 2 years. Always keep batteries out of reach of children. Dispose of batteries according to your local environmental laws and guidelines.

EN

### Here is how you replace the batteries

- Unplug the mains power and open the cover. Replace the old batteries with new ones; see the instructions above the battery compartment.

 **Important!** If the transmitter is battery powered, use alkaline AAA batteries only. If the transmitter is mains powered, use rechargeable NiMH AAA batteries only. NEVER mix NiMH batteries with alkaline batteries as the batteries can overheat.



# Care and cleaning

**Notice:** Failure to follow these care and cleaning instructions could result in damage to the product and void the warranty.

## Using connectors and jacks

Never force a connector into a jack. Check for obstructions on the jack. If the connector and jack don't join with reasonable ease, they probably don't match. Make sure that the connector matches the jack and that you have positioned the connector correctly in relation to the jack.

## Using the product

Operate the product in a dry environment where the temperature is between 15 and 35 °C. Do not use or store the product near a heat source. Remove the batteries if you don't plan to use the product for an extended period of time.

## Cleaning

To clean the product, unplug the power cord. Then use a soft, lint-free cloth. Avoid getting moisture in openings. Don't use window cleaners, household cleaners, aerosol sprays, solvents, alcohol, ammonia, or abrasives.

## Service and warranty

If the product appears to be damaged or doesn't function properly, follow the instructions in this leaflet. If the product still doesn't function as intended, contact your local dealer for information on service and warranty.

## Additional information

For information about the proper disposal of the product, and for other important safety and regulatory compliance information, see the section **Important safety instructions** on page 12.

# Troubleshooting

If	Try this
The status indicator blinks in red	<ul style="list-style-type: none"><li>▪ The battery level is low. If the repeater is mains powered, charge the batteries. If the repeater is battery powered, open the cover and replace the batteries, see <b>Changing batteries</b> on page 18.</li></ul> <p><b>Important!</b></p> <p> If the repeater is mains powered, use rechargeable NiMH AAA batteries only. If the repeater is battery powered, use alkaline AAA batteries only. NEVER mix NiMH batteries with alkaline as the unit can overheat.</p>
The status indicator blinks in purple	<ul style="list-style-type: none"><li>▪ The batteries are of the wrong type or fitted incorrectly. See above for correct battery configuration and installation.</li></ul>
The status indicator blinks in blue	<ul style="list-style-type: none"><li>▪ The repeater is ready to be connected to a transceiver.</li></ul>

EN

## Model, type and classification

The information is available at the back of the repeater.

## Product disposal and recycling information



The symbol to the left means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. It will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

## Battery disposal information



This symbol indicates that the product contains batteries that according to local laws and regulations must be disposed of separately from household waste. Take used batteries to a collection point designated by local authorities.

## The European Union - declaration of conformity

 Hereby, Bellman & Symfon Europe AB, declares that this product is in compliance with the essential requirements and other relevant provisions of R&TTE 1999/5/EC, LVD 2006/95/EC, MDD 93/42/EEC and EMC 2004/108/EC directives. The Declaration of Performance may be consulted at Bellman & Symfon Europe AB, Södra Långebergsgatan 30, 421 32 Västra Frölunda, Sweden.

# Technical information

## Amicus repeater

<b>Dimensions &amp; weight</b>	h 140 mm x w 105 mm x d 30 mm, 210 g incl. batteries
<b>Mains electricity</b>	Input: 100 - 240 V ~ 50/60 Hz 0.3 A Output: 7.5 V = 1000 mA Only use the supplied power adapter SIL SSA-10W-12 EU 075100
<b>Batteries</b>	With mains electricity 4 x 1.2 V AAA rechargeable NiMH batteries Only use the supplied rechargeable batteries model HFR AAA900 900 mAh by Shenzen Highpower Technology Co.Ltd., or model 5703 1000mAh by Varta.  Without mains electricity 4 x 1.5V AAA alkaline batteries
<b>Operating time</b>	1 year with alkaline batteries
<b>Power consumption</b>	0.3 mA
<b>Connections</b>	1 x 7.5V power cord
<b>Radio frequency</b>	869.2375 MHz
<b>Range</b>	Up to 600 meters line of sight. The range is reduced by walls and large objects that obstruct radio signals. The range can also be affected by other radio transmitters such as TVs, PCs, mobile phones or tablets. Thick walls of reinforced concrete will reduce the range significantly.
<b>Environment</b>	For indoor use only Temperature range: 15 - 35 °C Relative air humidity: 5 to 95%, non-condensating
<b>Regulatory</b>	Fulfils WEEE, CE, RoHS and R&TTE
<b>In the box</b>	<ul style="list-style-type: none"><li>▪ BE2370 repeater with pre-installed batteries</li><li>▪ Power supply</li><li>▪ Screws and plugs</li><li>▪ User manual</li></ul>

# Important safety instructions

This section contains important information about safety, handling, disposal, recycling and warranty.



**Notice:** Read all safety information and operating instructions below before using the product. Keep the user manual for future use.

## Warning!

- Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage to the product or other property.
- Do not use or store this product near any heat sources such as naked flames, radiators, ovens or other devices that produce heat.
- Protect the cables from any potential source of damage.
- Use only the power supply specified in this manual.
- Disconnect the power supply from the mains during thunderstorms or if the product is not in use for a long period of time.
- If the product is dropped, always test it before using it.
- Be aware that alarms can be missed if batteries run out or connectors become disconnected.
- Only refer damaged or faulty products to qualified service personnel. Do not dismantle the product; there is a risk of electric shock. Tampering with or dismantling the product will void warranty.
- The product is intended to be used as a care alerting product but should not be used as the only security in life-threatening situations. This product does not replace the need for personal supervision of carers.
- The product has no power switch. In order to turn off the product, the power supply must be disconnected from the mains and the batteries must be removed.
- The product is designed for indoor use only.
- Do not expose the product to moisture.
- Protect the product from shocks during storage and transport.