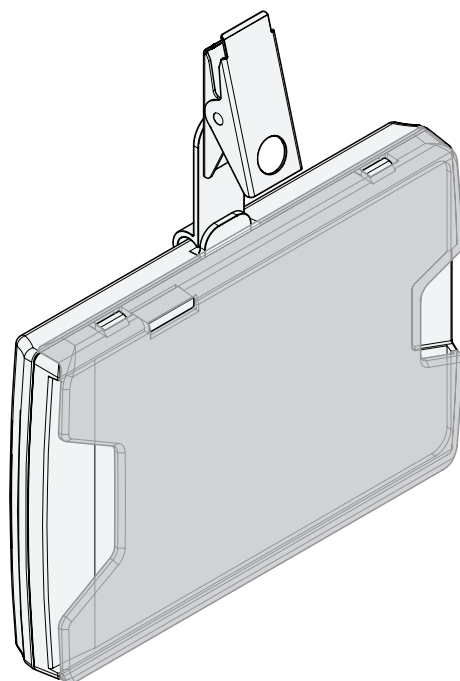


SMARTLIBERTY

— MORE TIME FOR CARE —

# Staff badge with ISO card

## User documentation



1. Description

Intended use

The SmartLiberty staff badge is a customisable name badge allowing the sending of a call for assistance and assault/SOS alarm, acknowledgement of alarms and accompanying of residents suffering from disorientation. The SmartLiberty ISO card holder is an accessory to the staff badge; it allows an ISO card to be used as a name badge. The functions of the staff badge remain unchanged, as the electronics are retained and only the housing is replaced. This is necessary to ensure watertightness.

Reference documents

Document	Description / Document no.
Data sheet	Technical features of the ISO card holder
Data sheet	Technical features of the staff badge

2. Changing over to the ISO card holder

Opening the badge

The badge must be opened in order to:

- change over from the standard housing to the ISO card holder
- change the badge fastening
- change the battery

i

► Make sure that the screws remain in place and do not fall out.

1. Unscrew the screws in the lower part of the badge using a T6 Torx screwdriver.
2. Open the badge with a key or similar.

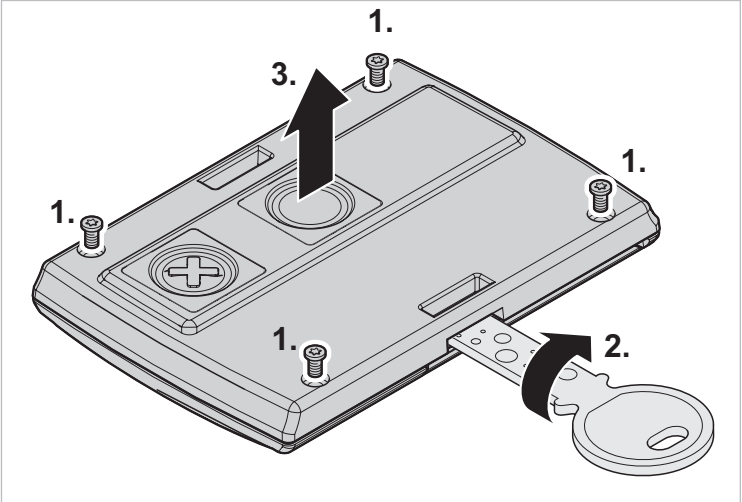


Fig. 1 Unscrewing the badge

3. Remove and store the badge attachment, see “Changing the badge attachment” on page 5.
4. Remove the standard upper part of the badge and put it aside.

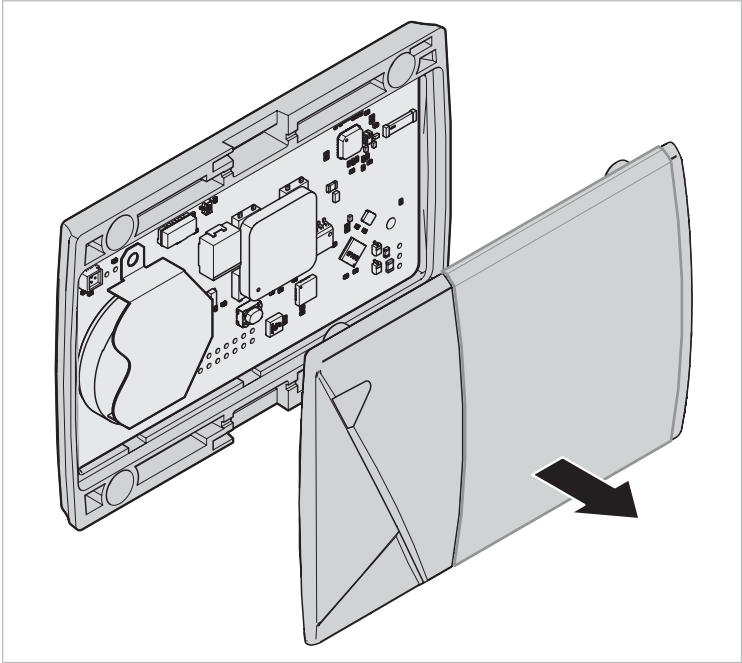


Fig. 2 Removing the standard upper part

5. Carefully lift the printed circuit board by holding it by the edges.

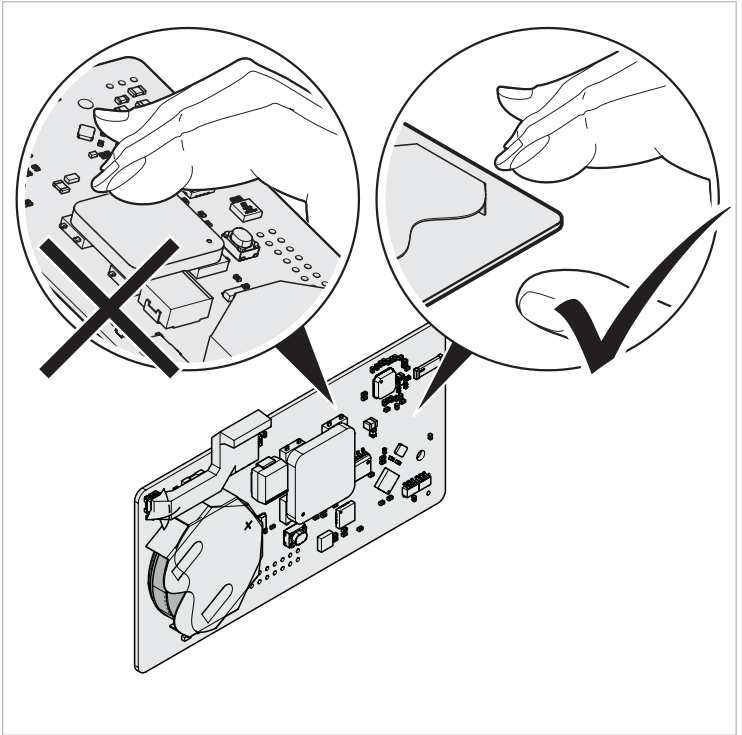


Fig. 3 Holding the printed circuit board by the edges

## Closing the badge and the ISO card holder

i

► In the following, make sure that you work with the upper and lower part of the ISO card holder.

1. Place the badge attachment on the lower part of the ISO card holder, see “Changing the badge attachment” on page 5.
2. Place the printed circuit board back in its housing. The small pointed marker on the inside of the cover must be situated opposite the hole in the printed circuit board.
3. Place the upper part of the ISO card holder face down.
4. Fit the lower part of the ISO card holder and insert the screws into the holes provided in the lower part of the badge.

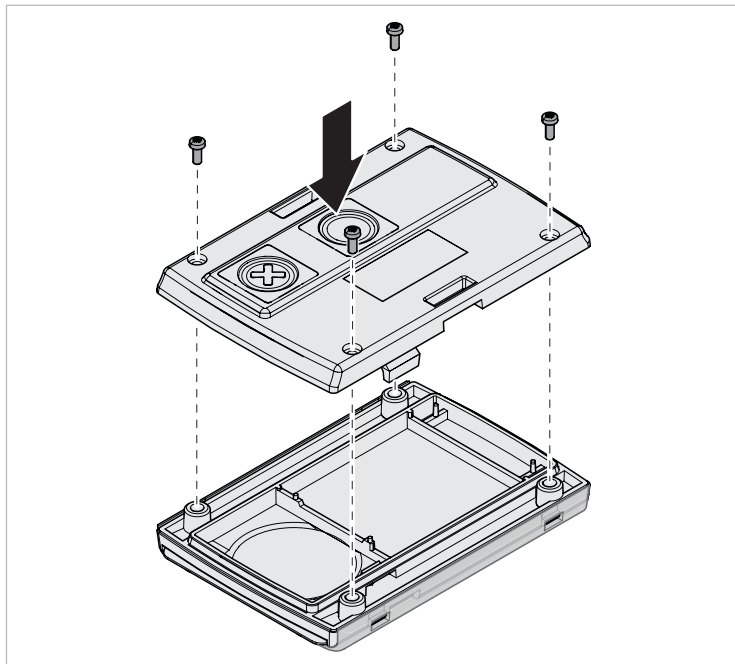


Fig. 4 Closing the badge

5. Press the ISO card holder together in the middle of both longer sides to ensure watertightness.

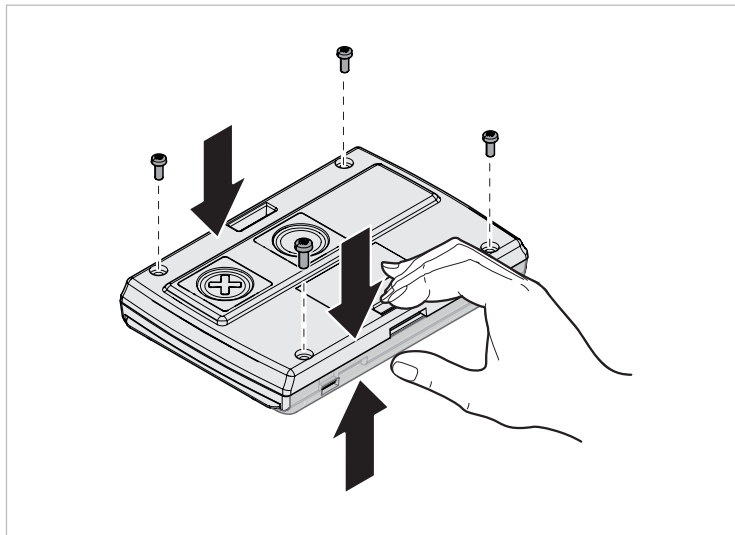


Fig. 5 Seal the ISO card holder

6. Use a Torx T6 screwdriver to uniformly tighten the screws in an even cross-like pattern.

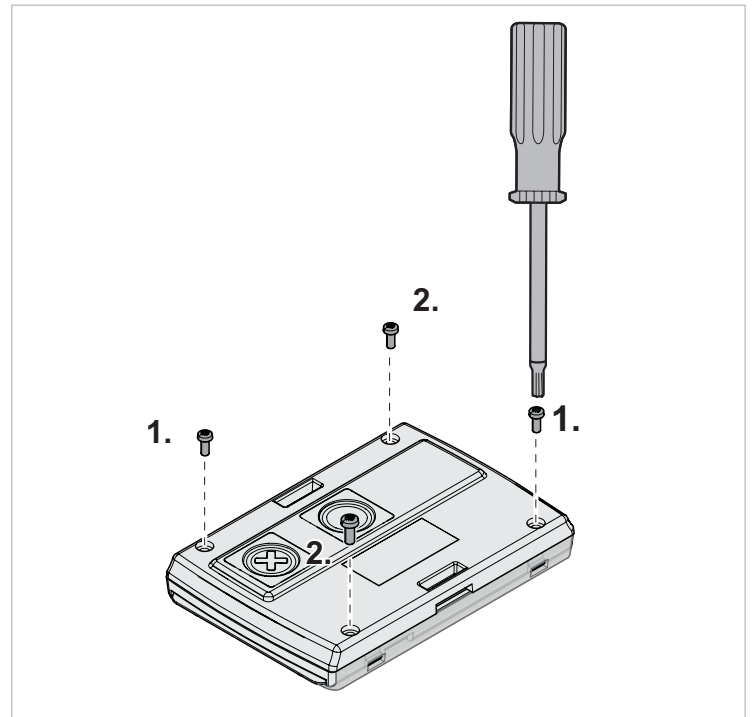


Fig. 6 Screwing the badge back together

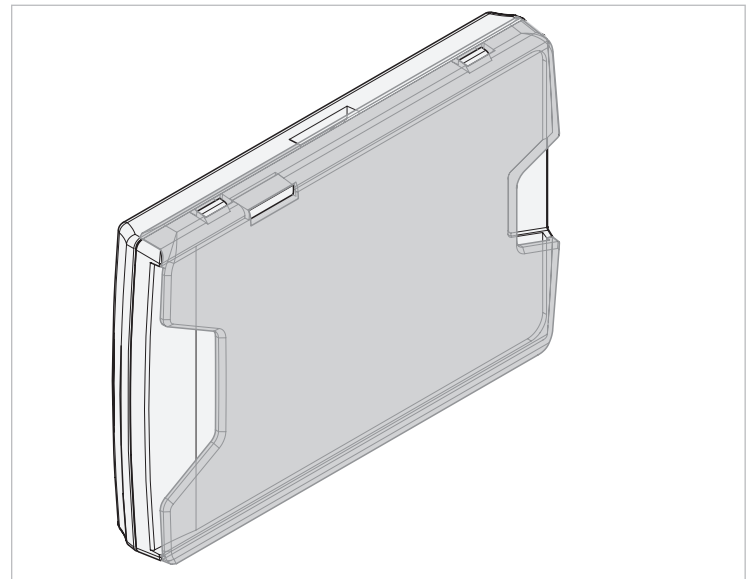


Fig. 7 Staff badge with ISO card holder

3. Overview

Functions

The SmartLiberty staff badge is provided with two buttons on the back:

- Assistance or assault/SOS call button (3, Fig. 9), to call for assistance or for backup in the event of assault.
- Cancellation button (4, Fig. 9)

Power

- Battery CR2450, 3 V, 500 mAh (replaceable). Only use batteries approved by the manufacturer (see SmartLiberty website).

Device overview

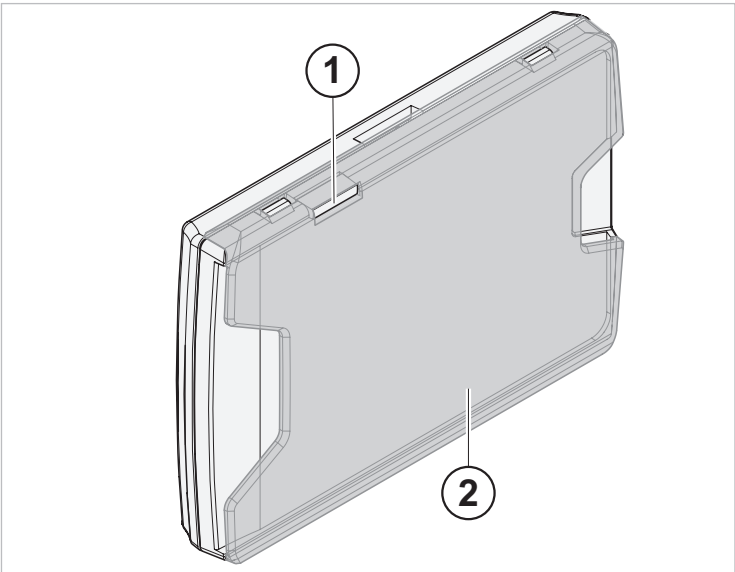


Fig. 8 Staff badge, front side

- 1 Reassurance light (LED)
- 2 ISO card holder

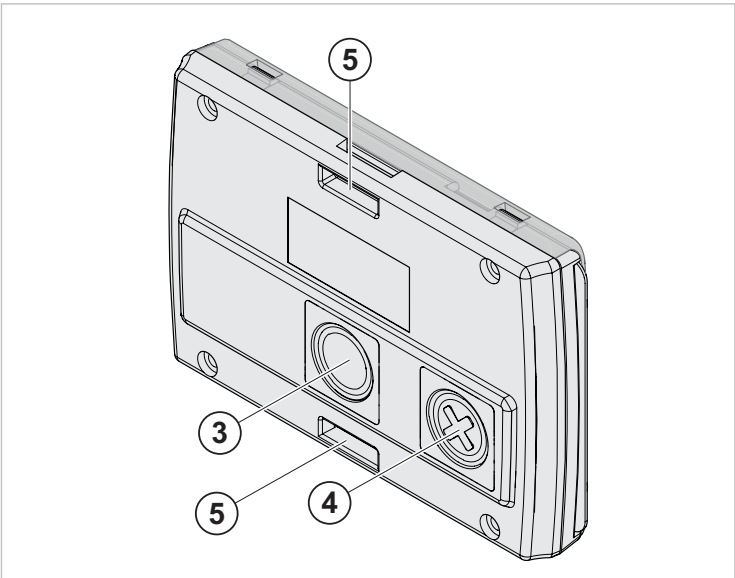



Fig. 9 Staff badge, rear side

- 3 Assistance or assault/SOS call button
- 4 Cancellation button
- 5 Clip fasteners

4. Use

 <b>CAUTION</b>	Localisation will be degraded if the infra-red receiver is covered! ► Wear the badge so that it is visible. ► Do not cover the badge and do not stick anything on the reassurance light (LED).
---	--

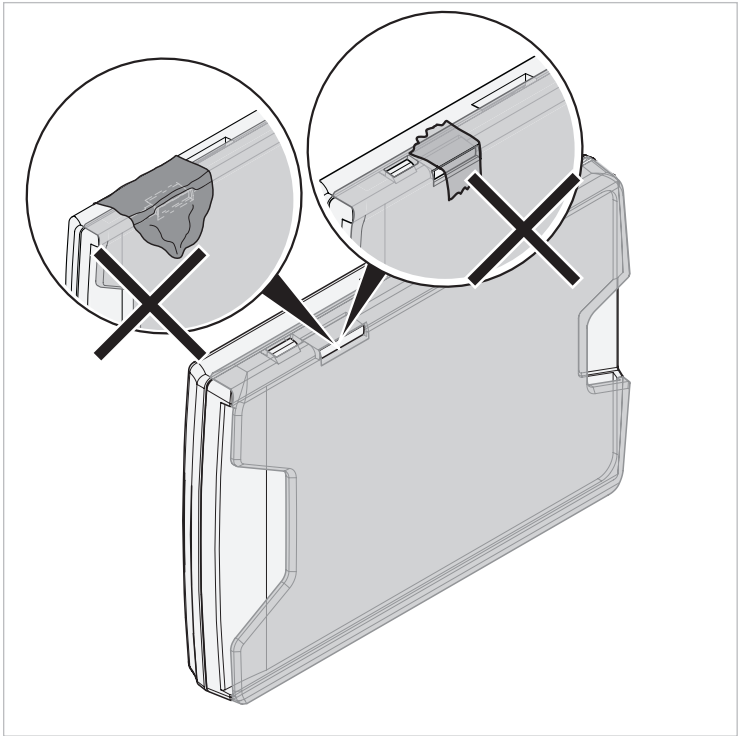


Fig. 10 Do not cover the reassurance light (LED).

Activating the badge

- Press the call button (3, Fig. 9) for 10 s until the reassurance light (LED) lights up.  
*When activated, the reassurance light (LED) flashes green.*

<b>i</b>	Before use, 2 more stages absolutely must be completed: ► Enter the badge information into the software. ► Assign the badge. <i>See the software manual.</i>
----------	---

Making an assistance call

- Press the button for assistance call on the back of the badge (3, Fig. 9).  
*The reassurance light (LED) lights up red.*
- The call has been received by the server.  
*The reassurance light (LED) lights up red.*
- The call has been taken over and someone will arrive to provide assistance.  
*The reassurance light (LED) flashes blue (after a short period).*
- The call has been cancelled.  
*The reassurance light (LED) flashes green for several seconds.*

### Sending an assault/SOS call

- ▶ Press the button for a SOS or assault call on the back of the badge (3, Fig. 9) several times in quick succession.  
*The reassurance light (LED) lights up red.*
- The call has been received by the server.  
*The reassurance light (LED) lights up red.*
- The call has been taken over and someone will arrive to provide assistance.  
*The reassurance light (LED) flashes blue (after a short period).*
- The call has been cancelled.  
*The reassurance light (LED) (cancelled) flashes green for several seconds.*

### Cancelling an alarm

- ▶ Press the cancellation button (4, Fig. 7) once while bringing the staff badge up to 50 cm from the alarm trigger device.  
*The reassurance light (LED) of the staff badges immediately flashes green and then goes out.*

## 5. Changing the badge attachment

The staff badge can be worn:

- on any garment thanks to the clip (A)
- or
- as a pendant (B), around the neck (with anti-strangulation feature)

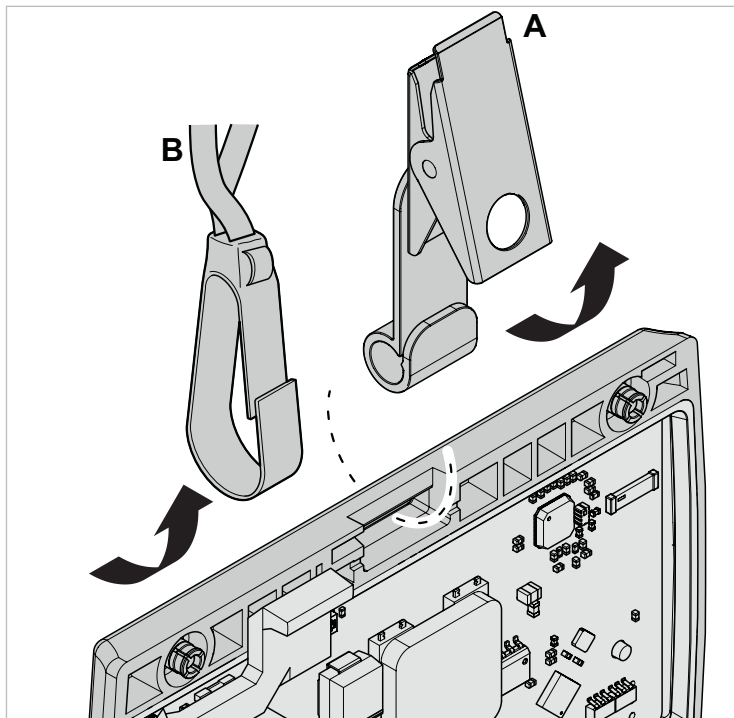


Fig. 11 Mounting the badge attachment

- A Clip
- B Lanyard with anti-strangulation protection

By default, the clip is mounted to be worn on the lefthand side (for a right-handed person).

1. Open the badge.  
*See “Opening the badge” on page 2.*
2. Remove the attachment currently in place.
3. Place the selected attachment in the slot on the edge of the badge (Fig. 11), adapted for right- and left-handed people (Fig. 12).
  - ▶ For a right-handed person (A, Fig. 12): Mount the attachment on the upper edge of the badge (next to the LED).  
*The badge is worn on the left side.*
  - ▶ For a left-handed person (B, Fig. 12): Attach to the lower edge of the badge. To do this, turn the badge over.  
*The badge is worn on the right side.*

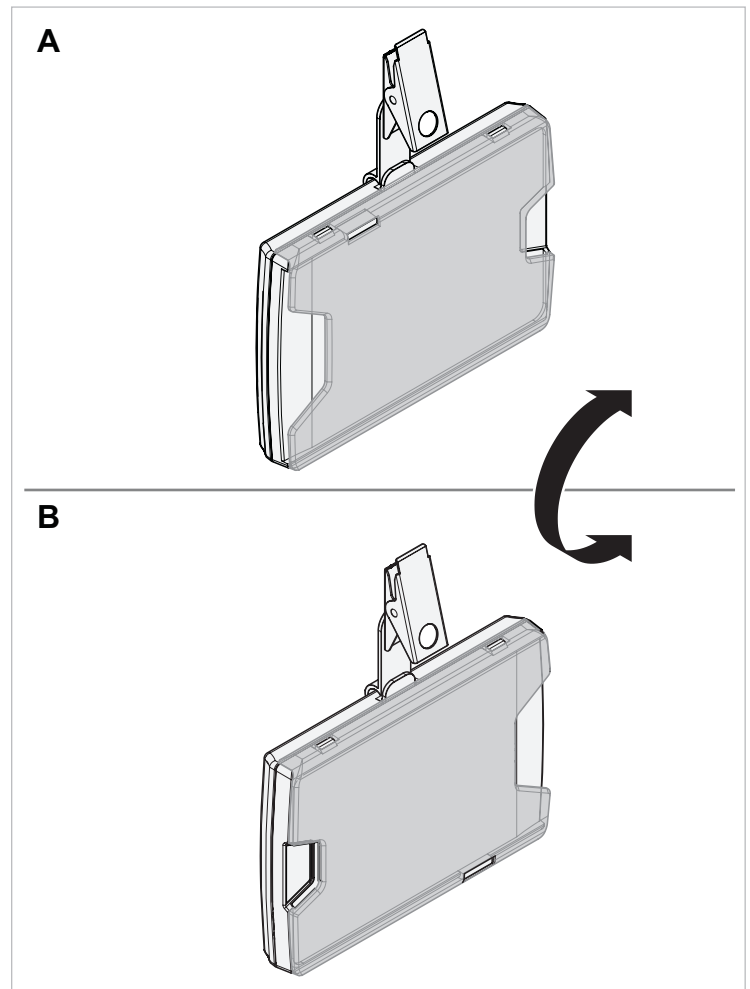


Fig. 12 Mounting of the attachment for right-handed person/ left-handed person

- A Mounting for right-handed person
- B Mounting for left-handed person

4. Close the badge again.  
*See “Closing the badge and the ISO card holder” on page 3*



6. Inserting/removing the ISO card

- Insert the ISO card into the side of the ISO card holder or pull it out of the ISO card holder.

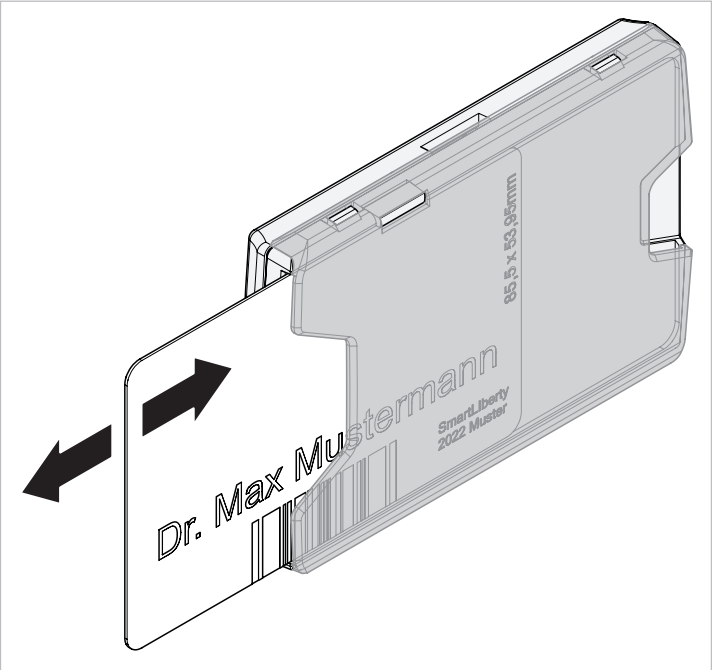


Fig. 13 Inserting/removing the ISO card

- |   |   |
|---|---|
| i | Despite standardised dimensions, ISO cards can have different tolerances and therefore exhibit differences in their ease of fit in the ISO card holder. |
| i | With some RFID readers, it may be necessary to remove the card from the ISO card holder to be able to read it.  |

7. Replacing the battery

The badge works with a CR2450 3 V 500 mAh battery.

1. Open the badge.  
See “Opening the badge” on page 2.
2. Carefully lift the printed circuit board by holding it by the edges (Fig. 14) (1., Fig. 15).

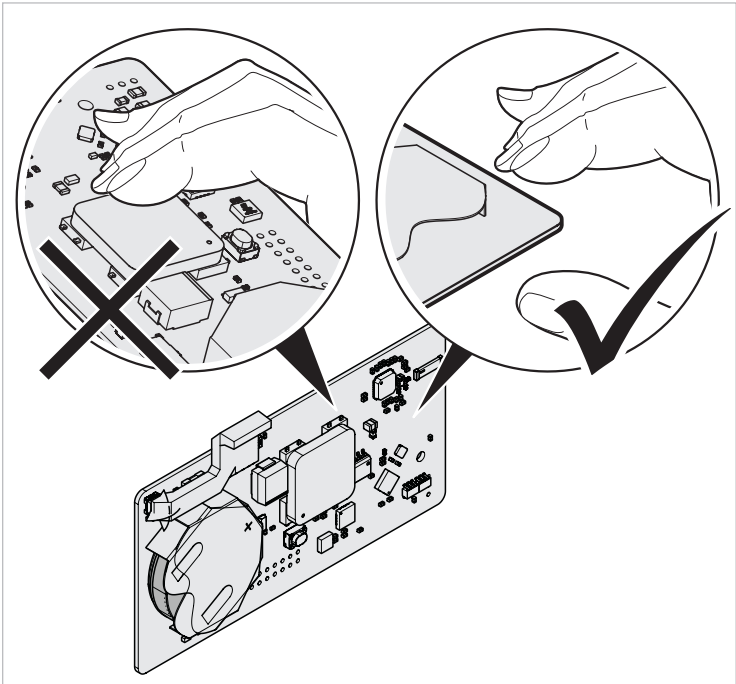


Fig. 14 Holding the printed circuit board by the edges

3. Remove the used battery. Push the battery out of its compartment with the help of e.g. a pencil (2, Fig. 15).

 <b>CAUTION</b>	<b>Risk of damaging the device!</b> ► Do not touch the electronic circuit with a metal tool.
--------------------	---

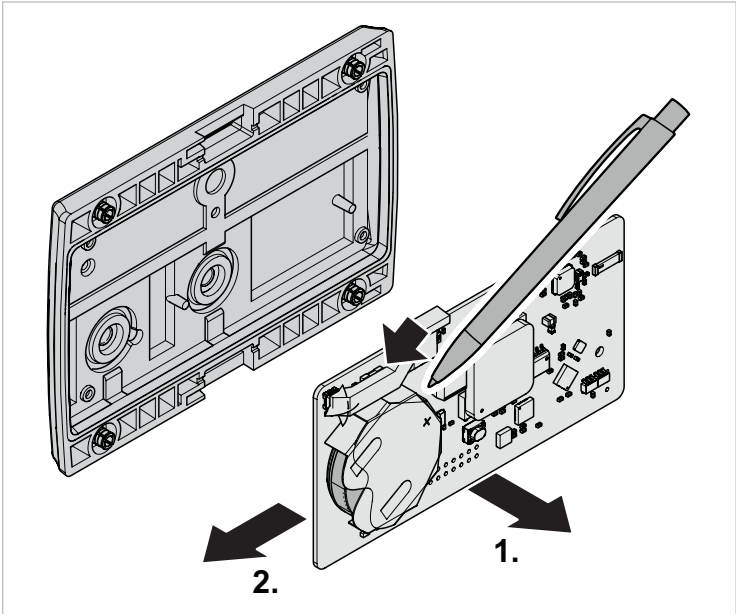


Fig. 15 Remove the battery

- 4. Place a new battery in the battery compartment.  
The + must point upwards.
- 5. Place the printed circuit board back in its housing.  
The small pointed marker on the inside of the cover must be situated opposite the hole in the printed circuit board.

i

► Make sure that the printed circuit board is placed in the right direction.

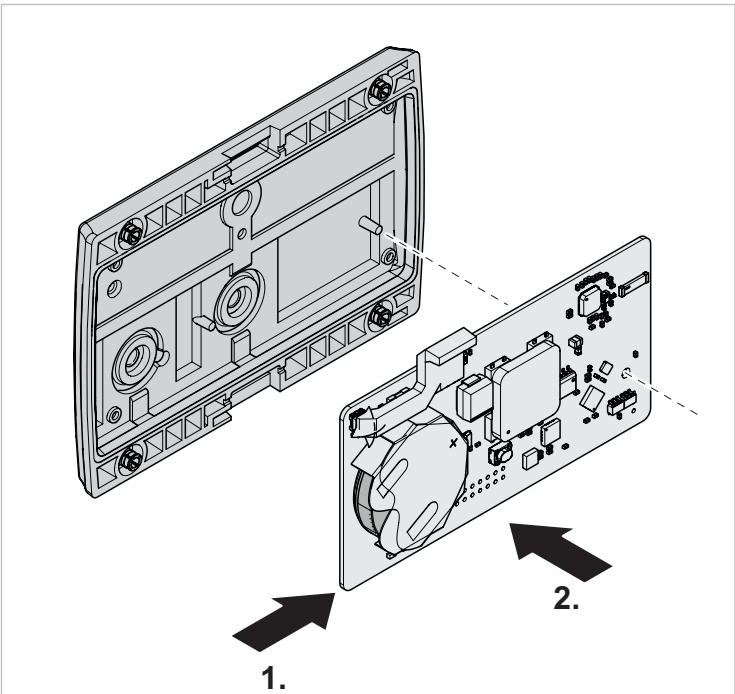


Fig. 16 Put the battery back

- 6. Close the badge again.  
See “Closing the badge and the ISO card holder” on page 3.

8. Maintenance

- Replace the housing if it is cracked/broken.

Cleaning

!

CAUTION

Risk of damage!

- Do not clean with ultrasound.
- Do not sterilise in an autoclave.
- Do not machine-wash.

- Clean the badge regularly with a cloth and a 50 % isopropyl alcohol solution.

i

- Depending on the usage and type of card, the front window may become slightly scratched. This is unavoidable with plastic.
- The front window cannot be removed or replaced.

9. Disposal

Directive DEEE 2012/96/CE on electrical and electronic equipment waste

- Dispose of the package and the end-of-life product in an appropriate recycling facility.
- Do not discard the product with household waste.
- Do not burn the product.
- Remove the battery.
- Recycle the battery in compliance with legal requirements and do not discard with household waste.

