micro

People Counter

with display

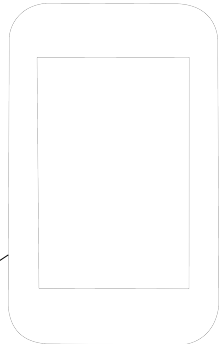
1. Check the contents

- Receiver with display (PRx11D1)
- Transmitter (PTx11-1)
- Magnet key hanger
- 2x CR2450 batteries (already placed)
- This installation guide

Specifications:

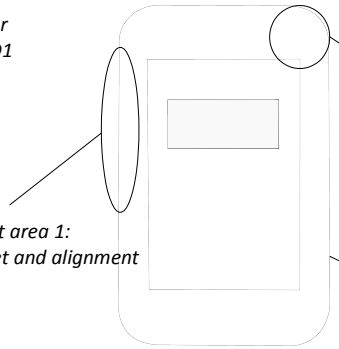
Max. count value	: 999999
Power supply	: 3V CR2450 battery
Measurement width	: 5 meter
Dimensions	: 83 x 51 x 14 mm
Material	: PMMA Black

Transmitter
PTx11-1



Status LED

Receiver
PRx11D1

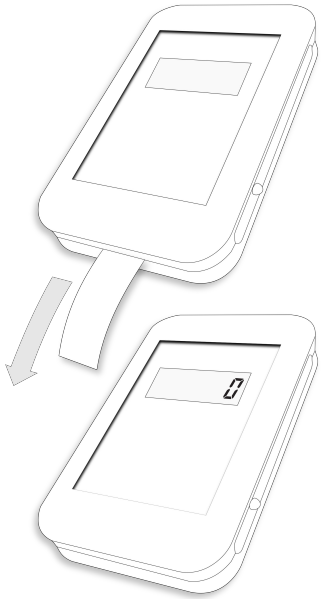


Magnet area 2:
for rotating display

Magnet area 1:
for reset and alignment

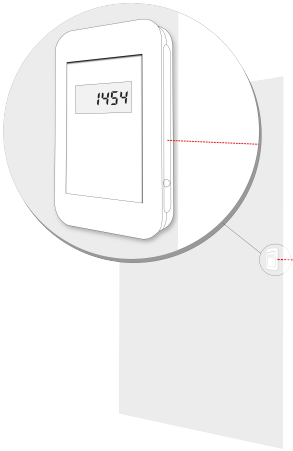
Status LED

2. Enable the batteries



To power on the transmitter and receiver please pull out gently the white strip.
On the transmitter you will see the status led blink twice and on the receiver you will see 0 on the display.

3. Mount the People Counter



When mounting the people counter take care of the following:

- The maximum distance between transmitter and receiver is 5 meter.
- To count adult people use a mounting height between 125 and 140 cm.
- Avoid the possibility of obstacles blocking the line of sight of the People Counter.
- Use a wall or another steady object to mount the People Counter on.

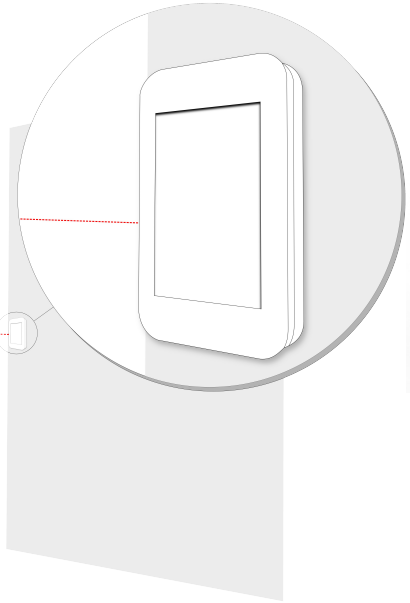
Additional information:
Be aware of infrared light from other sources like bright lights and infrared devices. When the PRx11D1 receives infrared from other sources, instead of the PTx11-1, unexpected behavior could be the result.

Due to the strong field of AM anti-shoplifting systems it is recommended to place the People Counter at least 1 meter away from an AM system.

Note: The red led on the receiver will light up when noise is detected. In this case find the source of this disturbance and try to take it away.

The measurement width of 5 meter will decrease when the infrared signal goes through glass.

4. Check the alignment

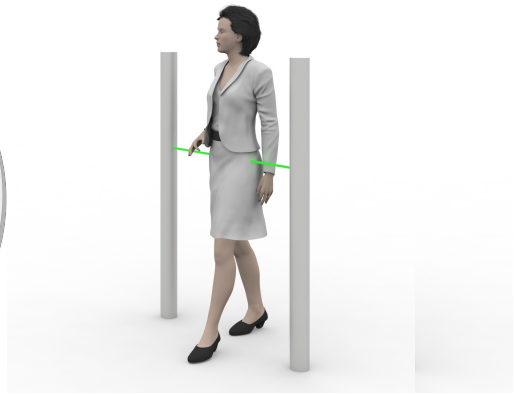


The receiver (display) needs to 'see' the transmitter.

The receiver contains an alignment feature which helps you to point the transmitter to the receiver.
To enable the alignment mode slide the magnet on the backside of the receiver (display) [magnet area 1].
When the led is blinking red you need to point the transmitter to the receiver until the led lights op green continuously.

Accuracy of the People Counter
The accuracy of the counter will get higher when the distance between the transmitter and receiver gets smaller. When more persons interrupt the infrared beam at once the People Counter will increase the count value with one.

5. Start counting



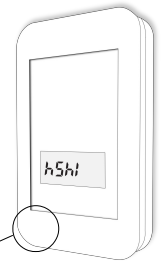
The count value on the display will count from 0 to 999999.
The green status led on the receiver will blink once when a count is created.

Resetting the count value
To reset the value on the display to 0, slide the magnet on the back side of the receiver (PRx11D1).

Note: The alignment mode in the receiver will also be activated when resetting the display.
Slide again with the magnet over the back side to disable the alignment mode.

Rotating the value on the display
In some situations it is preferred to have the receiver on the right side which results in an upside down value on the display.

To rotate the value just place the magnet on magnet area 2 while creating a count.



Area to place magnet while making a count

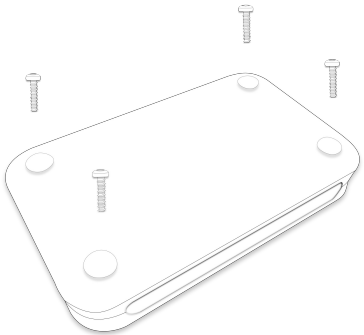
Before rotation



After rotation

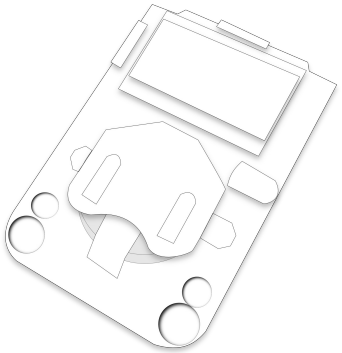
Replacing the batteries

When red led on the transmitter (PTx11-1) blinks the battery needs to be replaced.
On the receiver the battery needs to be replaced when the display is getting to weak.



Please use a PH1 screwdriver to remove the screws.

Once the bottom and top part of the housing are separated the electronics board can be lifted out the housing.



Remove the battery by pulling gently on the white strip.

Replace the battery with the following type:
CR2450 3V Lithium Battery

Please place the battery correctly with the + sign to the top.

Note: Connect correctly. Do not disassemble. Do not recharge. Please take care of the local regulations regarding disposal and recycling.

EC Declaration of Conformity
This equipment complies with the requirements relating to electromagnetic compatibility
EN 61000-6-1
EN 61000-6-3