

#### 1. Designated use

SPHINX RC 104Pro is a remote control for the installer used to operate motion detectors of the devices SPHINX 104-360 AP, 104-360/2 AP and 104-360, 104-360/2.

#### 2. Safety instructions



##### ⚠ WARNING

- For use in dry rooms only.
- Use unmodified Theben original parts only.

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- Always comply with national stipulations.
- Always dispose of used batteries properly.

#### 3. Description

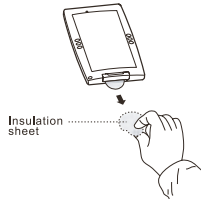
- By pressing the  button the actual light level can be read-in to the detector (refer to function of the  button).
- A key chain hole is designed for easily carrying RC 104 Pro.



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#### 4. Start-up

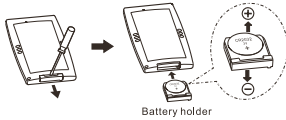
- Pull out the insulation sheet slightly from the battery slot.



#### 5. Battery replacement

- Pull out the battery holder with a screwdriver, then replace the battery (model CR2032 3V).
- Please make sure the battery is connected to the correct polarities, then push the battery holder back.


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#### 6. Push button function

**Note:**  
The adjustments can only be done in unlock mode. The maximum transmitting time is 1 s even if you keep pressing the button longer. No signal can be transmitted by pressing two or more buttons simultaneously.

##### Locking RC 104 Pro

- Pressing this button locks RC 104 Pro, and no adjustments can be made (except  button). Signal reception is confirmed by red LEDs of detector both flashing 1 s (f = 3 Hz).


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- In lock mode, both red LEDs detector will turn on for 1 s if any other buttons are pressed except the  button.

##### Unlocking RC 104 Pro

- Pressing this button unlocks RC 104 Pro, and it can be set up accordingly afterwards.
- Signal reception is confirmed by red LEDs of detector both flashing 1 s (f = 3 Hz).


##### Test Mode

- Press this button to enter test mode. Signal reception is confirmed by red LED of detector flashing 1 s (f = 3 Hz).
- Load2 acts according to the time2 setting.
- To quit test mode, press this button again, and the sensitivity returns to the default setting value of .

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Signal reception is confirmed by red LED of detector flashing 1 s (f = 3 Hz).

##### Reset

- By pressing this button, the detector is controlled by potentiometers.
- The sensitivity returns to default setting value .
- If load is in “on” or “off” mode, pressing this button will return the detector to auto mode; then load turns off and is controlled by time and Lux potentiometers.
- Signal reception is confirmed by red LEDs of detector both flashing 1 s (f = 3 Hz).

##### Decrease the detection range

- Simply press this button to decrease approx. 15 % of the detection range; only the first press works.
- Signal reception is confirmed by red LEDs of detector both flashing 1 s (f = 3 Hz).

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##### Reset the default detection range

- Simply press this button to reset the default settings.
- Signal reception is confirmed by red LEDs of detector both flashing 1 s (f = 3 Hz).

##### Increase the detection range


- Simply press this button to decrease approx. 15 % of the detection range; only the first press works.
- Signal reception is confirmed by red LEDs of detector both flashing 1 s (f = 3 Hz).

##### Short impulse mode


- Press this button to enter “short impulse” mode; signal reception is confirmed by red LED of detector flashing 1 s (f = 3 Hz).
- To quit short impulse mode, press this button again; signal reception is confirmed by red LED of detector flashing 1 s (f = 3 Hz).

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##### Lux setting for lighting load

- A certain light level threshold for switching on the connected load can be set and modified with the preprogrammed values.
- By pressing the  button, Lux of detector is controlled by potentiometers.
- Signal reception is confirmed by red LED of detector flashing 1 s (f = 3 Hz).

##### Automatic read-in actual light level function for lighting control

- Actual light level can be read-in as the threshold for switching the corresponding light if the set Lux values do not match user's desired values.
- The steps are as below: Push  button until red LED of detector


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flashes to enter learning mode; learning time is 10 s. Then the actual light level is read-in confirmed by both load and red LED turn on for 5 s to indicate RC 104 Pro learning successfully and then turn off. Then it returns to auto mode.

##### TIME1 Time setting for load1



- By pressing the corresponding button, the desired time of load1 can be exactly set; it is confirmed by red LED of detector flashing 1 s (f = 3 Hz).

##### Detector load1 ON




- By pressing the  button, detector load1 will be switched on permanently; this is confirmed by red LED of detector flashing 1 s (f = 3 Hz). Red LED of detector is 1 s

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on and 5 s off circularly in on mode. No movement can be detected by detector in on mode.

- Quit on mode and return to auto mode either by re-pressing  or by re-supplying power of detector after it is off.
- Load1 can be switched to off mode by pressing the  button in on mode.

##### Detector load1 OFF




- By pressing  button, detector load1 will be switched off permanently, it is confirmed by red LED of detector flashing 1 s (f = 3 Hz). Red LED of detector is 1 s on and 5 s off circularly under off mode. No movement can be detected by detector under off mode.
- Quit off mode and return to auto mode either by re-pressing  or to re-supply power of detector after it is off.
- Load1 can be lead to on mode by pressing  button in off mode.

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##### TIME2 Time setting for load2




- By pressing the corresponding button, the desired time of load2 can be exactly set; it is confirmed by red LED of detector flashing 1 s (f = 3 Hz).

##### Detector load2 ON

- By pressing the  button, detector load2 will be switched on permanently; this is confirmed by red LED of detector flashing 1 s (f = 3 Hz). Red LED of detector is 1 s on and 5 s off circularly in on mode. No movement can be detected by detector in on mode.
- Quit on mode and return to auto mode either by re-pressing  or by re-supplying power of detector after it is off.
- Load2 can be switched to off mode by pressing the  button in on mode.

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##### Detector load2 OFF

- By pressing the  button, detector load2 will be switched off permanently; this is confirmed by red LED of detector flashing 1 s (f = 3 Hz). Red LED of detector is 1 s on and 5 s off circularly in off mode. No movement can be detected by detector in off mode.
- Quit off mode and return to auto mode either by re-pressing  or by re-supplying power of detector after it is off.
- Load2 can be switched to on mode by pressing the  button in off mode.

#### 7. Technical data

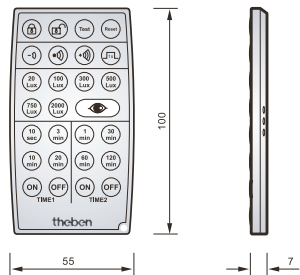
Rated voltage: 3 V DC (CR2032 battery)  
Transmission range: approx. 5 m

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Transmission angle: remote control is 35 ° for transmission, for receiver 90°

Operating temperature: 0 °C to 45 °C  
Storage temp.: -25 °C to + 55 °C  
Environmental protection: III, IP 40

#### 8. Dimensions



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