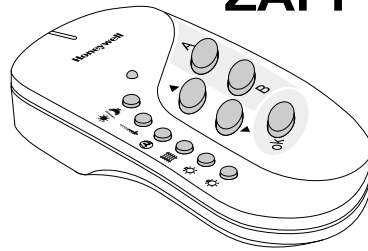


ZAPP Handheld

User Manual



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EN2B-0205GE51 R0101

Overview

For your information

Technical terms are explained in the glossary (Page 13). They are identified in the text by an asterisk (*).

Application

The ZAPP handheld is used to send commands to the ZAPP receiver*. The ZAPP receiver* then forwards these commands to devices on the LONWORKS® network*. The ZAPP receiver* is able to receive data from up to eight ZAPP handhelds. It is possible to:

- submit occupancy status
- change setpoint offset* (temperature)
- adjust fanspeed
- bring up or down sunblinds
- switch on, switch off, or dim lights
- switch on, switch off, or adjust switchgears* (second light)
- change and enable officestyles*

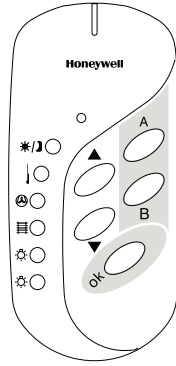
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Adjust functions

Activation buttons

With activation buttons you can choose functions. The activation buttons control the following functions:



- * / ☾ occupancy override*
- ☽ setpoint offset* (temperature)
- ☼ fanspeed
- ☼ sunblinds
- ☼ light
- ☼ switchgear* or second light

A officestyle* A

B officestyle* B

Control buttons

With the control buttons ▼, ▲, and ok, you can adjust the functions.

- After pressing an activation button, you have 15 seconds to start adjusting the function with the control buttons.

Occupancy override*

Setting to unoccupied

- ▶ Press *** /**.
- ▶ Press **▼** for longer.
The occupancy override is set to 'unoccupied'.

Setting to occupied

- ▶ Press *** /**.
- ▶ Press **▲**.
The occupancy override is set to 'bypass' (which means 'occupied' on the XL10 side) for a limited time.

Setting to automatic operation

- ▶ Press *** /**.
- ▶ Press **ok**.
The occupancy override is set to 'automatic operation'.

Temperature Setpoint Offset*

i If you press the ▼ or ▲ control button **briefly**, you lower or increase the temperature setpoint offset* in steps of 0.5 °C. If you press it **for longer**, you lower or increase the temperature setpoint offset* by a maximum of 5 °C.

Lowering

▶ Press .

▶ Press ▼.

The temperature setpoint offset is lowered.*

Increasing

▶ Press .

▶ Press ▲.

The temperature setpoint offset is increased.*

Resetting

▶ Press .

▶ Press **ok**.

The temperature setpoint offset is set to zero.*


Fanspeed

i If you press the ▼ or ▲ control button **briefly**, you lower or increase the fanspeed to a setting of “off”, “one”, “two”, or “three”. If you press it **for longer**, you lower or increase the fanspeed to the maximum value (“off” or “three”).


Lowering

- ▶ Press .
- ▶ Press ▼.
The fanspeed is lowered.

Increasing

- ▶ Press .
- ▶ Press ▲.
The fanspeed is increased.


Setting to automatic operation

- ▶ Press .
- ▶ Press **ok**.
The fanspeed is set to 'automatic operation'.


Sunblind

i If you press the ▼ or ▲ control button **briefly**, you automatically lower or lift the sunblind completely. If you press it **for longer**, you lower or lift the sunblind for as long as the button is pressed. It stops when you release the button.


Lowering

- ▶ Press .
 - ▶ Press ▼.
- The sunblind is lowered.*


Lifting

- ▶ Press .
 - ▶ Press ▲.
- The sunblind is lifted.*



Stopping

- ▶ Press .
 - ▶ Press **ok**.
- The sunblind is stopped.*



Light

With the upper activation button , you can control the light.


Switching off

- ▶ Press .
 - ▶ Press .
- The light is switched off.*


Switching on

- ▶ Press .
 - ▶ Press .
- The light is switched on.*

Dimming

- ▶ Press .
 - ▶ Press **ok**.
- The light is dimmed as long as you press **ok**.*

Second light or switchgear*

With the lower activation button , you can control a light or switchgear*.


Switching off

- ▶ Press .
 - ▶ Press .
- The light or switchgear* is switched off.*

Switching on

- ▶ Press .
 - ▶ Press .
- The light or switchgear* is switched on.*

Adjusting continuously

- ▶ Press .
 - ▶ Press **ok**.
- The light or switchgear* is continuously adjusted as long as you press **ok**.*

Officestyle*

Defining the settings

- ▶ Adjust sunblinds, fanspeed, lights, etc.
- ▶ Press **A**
or
press **B**.
- ▶ Press **ok** for at least five seconds.
The officestyle is defined.*

Activating the defined settings

- ▶ Press **A**
or
press **B**.
- ▶ Press **ok** briefly.
The officestyle is active.*

NOTE: The position of the sunblinds cannot be stored; rather, only sunblind commands ('up', 'down', or 'stop') can be stored.

Child-proof lock

Locking


- ▶ Press any activation button and observe the LED*.
If the LED lights up green, the child-proof lock is not active.*
- ▶ Simultaneously press the buttons ▲, ▼, and **ok**.
The child-proof lock is now active.
- ▶ To test the child-proof lock, press any button.
If the LED flashes red, the buttons are locked.*

Unlocking

- ▶ Press any button and observe the LED*.
If the LED flashes red, the child-proof lock is active.*
- ▶ Simultaneously press the buttons ▲, ▼, and **ok**.
The child-proof lock is now deactivated.
- ▶ To test the child-proof lock, press any activation button.
If the LED lights up green, the buttons are unlocked.*

i If you remove the batteries, the child-proof lock is deactivated.

Batteries

 You should change both batteries and use only leak-proof batteries:

- Micro-batteries*: Alkaline LR03 (service life: roughly two years)
-

▶ Open compartment for batteries.




Batteries may discharge.

▶ Make sure that each battery is inserted in the right direction (+/- polarity).

Attention

▶ Replace batteries.

▶ Close the compartment.

 Batteries must not be disposed of as household waste. Dispose of batteries according to applicable legal regulations.

▶ To test the batteries, press any activation button.

If the LED lights up green, the ZAPP handheld is ready for use.*

Glossary

Display

Display window of the ZAPP receiver.

LONWORKS[®] network

LONWORKS[®] network for communication among ZAPP receivers and devices.

LED

Light-emitting diode.

Micro battery

Type of battery with a standardized size.

Officestyle

Combination of functions set with the ZAPP handheld to match your personal needs.

Occupancy override

Function to tell the system you are present or absent.

ZAPP receiver

The ZAPP receiver forwards commands from the handheld(s) to devices on the LONWORKS[®] network.

Switchgear

Electrical devices such as lights, fans, etc.

Setpoint Offset

Difference (set using the handheld) from the temperature set by the office management system.

Technical data

Service life of batteries	roughly two years (alkaline)
Setpoint offset*	From -5 to +5 °C (in 0.5 °C steps)
Operating temperature	0...50 °C
Storage temperature	-20...+70 °C
Degree of protection	IP 20
Maximum humidity	95 %, non condensing

Help with problems

Problem	Cause	Remedy
LED* lights up red continuously or does not light up at all.	Batteries are "dead".	► Replace batteries (see page 12).
LED* flashes red.	Handheld's child-proof lock is active.	► Deactivate the child-proof lock (see page 11).

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