HAL Series

LED LAMP, DIMMABLE

SCHWAIGER®

HOME**4**YOU

HAL 100
HAL 200
HAL 300

HAL 400
HAL 500

HAL 600

ZigBee®
Control your world

BDA_HAL_GB_b

GB USER MANUAL

Congratulations on your purchase and thank you very much for buying this Schwaiger HAL lamp. Useful instructions for handling this lamp are given below.

LED lamps of the HAL series can be controlled with ZigBee controllers.

- Classical globe shape, E27, retrofit, 806 lm, replaces a 60 W incandescent lamp.
- Spotlight form, GU10-base, 36° angle of radiation, 350 lm, replaces a 50 W halogen lamp
- Wireless control through integrated smart light function (Zigbee)
- Light is continuously variable in terms of the colour temperature (2700–6500 K)
- Continuously dimmable with the Schwaiger app
- In the warm white position, it saves 83% energy as compared to a 50 W or a 60 W incandescent lamp.
- Service life of up to 25,000 operating hours
- The HAL LED series is only suitable for interiors.
- Light scenes can be programmed easily at any time and called directly from the Schwaiger app.

> **Note:** The Schwaiger Gateway or the ZHF02 remote control is required for operation. For more information, please refer to its user guide.

Comfortable wireless control from your smartphone or tablet PC using the free Schwaiger app for iOS and Android with the Schwaiger home 4 you Gateway of the system.
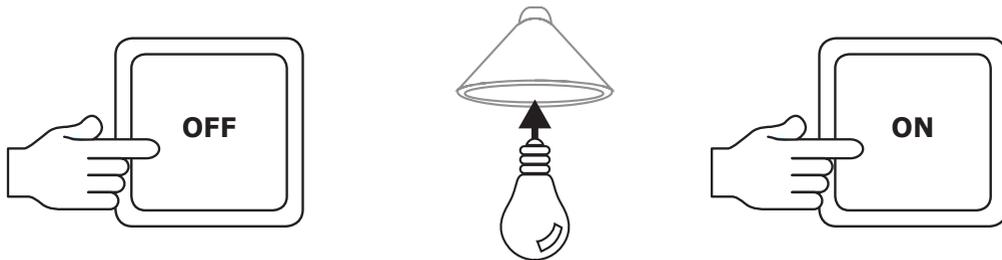
Registration of the HAL LED lamps in the Schwaiger Gateway via the application, iOS or Android

Please start the Schwaiger application and then select "Home Installation", and from the active Gateway (press ⚙) select the function "Add Device". Then, activate "Find Devices". *In this context, see the operating manual of the Schwaiger Gateway HA 101.*

When registering the LED lamps, ensure that the distance of 0.5m between the Gateway and the LED lamps is not exceeded.

Switch off the power supply to the lamp, insert the bulb in the lamp and switch on the power supply again. The registration process now starts. This process can take up to 30 seconds.
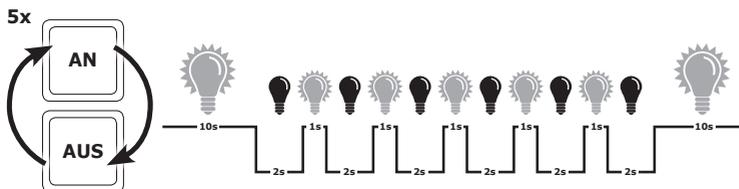

During the registration process, **the LED lamp flashes briefly twice** and after another second, **the lamp flashes once again.** This is then the confirmation that the lamp has been registered in the Gateway. Upon successful registration, the lamp is shown in the app.

De-registration of the lamp is done through the Schwaiger app. To do so, start the Schwaiger app, and then in the "Home-Installation" menu, so as to select the function "Add Device" using the active Gateway. Here, you can see the sensors and lamps that have already been acquired. Please select the LED lamp that you wish to delete by pressing the LED icon for about 3 seconds till the "Delete" window appears. Then confirm.

Factory settings:

Please switch the LED Lampe at intervals of 1 second **on and off 5 times**. Thereupon, the LED lamp gets reset to the factory setting and can now be registered again in a ZigBee network as a new lamp.

Technical Data:

Designation	HAL100	HAL200	HAL300	HAL400	HAL500	HAL600
Base	E27	E27	E27	GU10	GU10	E14
Lumens	806	806	806	350	350	470
Kelvin	2700	2700-6500	1800-6500	2700	2700-6500	2700
Rating	9W	9W	9,5W	4,8W	5,1W	5,3W
Transmission Power	< 10 mW	< 10 mW	< 10 mW	< 10 mW	< 10 mW	< 10 mW
Light colour	Warm white	Warm/Neutral/Cool white	RGBW multi-colour	Warm white	Warm/Neutral/Cool white	Warm white
Radiation angle	240°	240°	240°	36°	36°	300°
Dimmable	yes	yes	yes	yes	yes	yes
Mains connection	220–240 V~50 Hz	220–240 V~50 Hz	220–240 V~50 Hz	220–240 V~50 Hz	220–240 V~50 Hz	220–240 V~50 Hz
Frequency band	2405-2480 MHz	2405-2480 MHz	2405-2480 MHz	2405-2480 MHz	2405-2480 MHz	2405-2480 MHz

Disposal

Do not dispose of batteries or electric and electronic devices in the normal household waste. The consumer is legally obliged to return electrical and electronic devices and batteries that are at the end of their useful life to the point of sale or public collection points that have been set up for this purpose. Legislation in the country of use governs individual details regarding disposal. The symbol on the product, the user guide or the packaging indicates this legal requirement.

Simplified declaration of conformity as per the RED Directive

Schwaiger GmbH hereby declares that the described radio system product complies with Directive 2014/53/EU and other directives applicable to the product. The complete EU declaration of conformity is available online at: http://konform.schwaiger.de

About the warranty

The warranty starts with the purchase of the device. Proof of the date of purchase can be provided in the form of the receipt (cash register receipt, invoice, delivery note etc.) Please preserve these documents carefully. The scope of the warranty provided depends on our warranty conditions valid at the time of purchase. If you need repairs, please take the device to your specialist dealer or send it there.