The professional, cable-free, electrical installation

Simple installation - without IT infrastructure - very easy to configure - from loft to hotel - Made in Germany
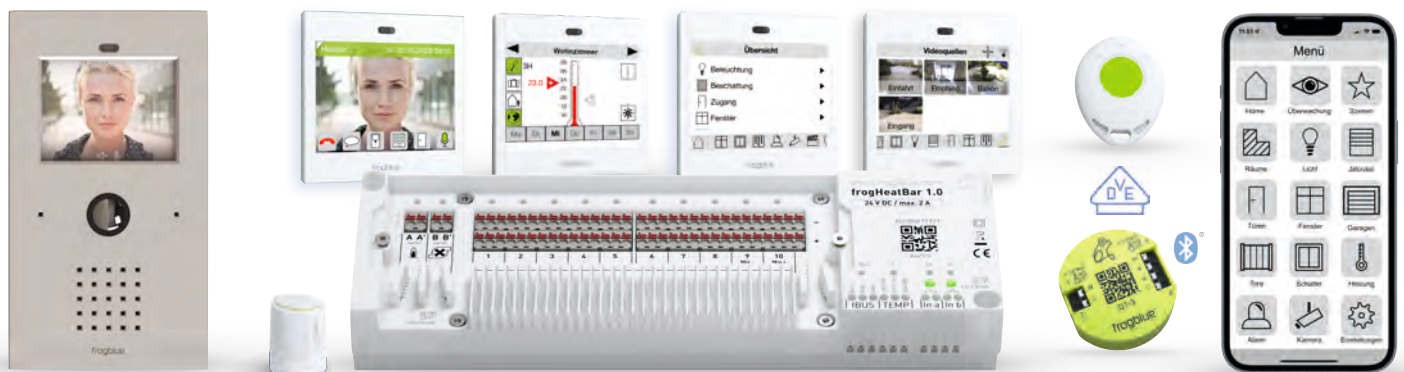
frogblue™
SMART BUILDING TECHNOLOGY GER**MANY**

Frogblue is extremely cost-effective

We wirelessly link lighting, blinds, fans, windows, doors, heating, intercoms and standard light switches via Bluetooth®.

Our frogs can be installed behind a standard light switch/socket and require just 230V. Control cables are redundant because all connections are made virtually. Every light switch can trigger any desired function; Scenes and central functions can be activated from anywhere in the system.

A single App controls the entire house either locally via Bluetooth® or worldwide via smartphone. Frogblue is easily installed without the need for a server, without a control cabinet, and is easy to configure.

Our key strength lies in the reliability and security of a tried and tested system that can be adapted to the requirements of the user even years after initial installation.

frogblue offers:

- ‣ Your one-stop-shop for all building control - a single App
- ‣ Saves energy costs thanks to innovative heating control
- ‣ No requirement for cloud, WLAN or IT infrastructure
- ‣ Time-controlled shading with intelligent central functions
- ‣ Control of all light sources; with variable dimming curve
- ‣ Building-wide LED control and color synchronization
- ‣ Twilight-controlled lighting with central & logic functions
- ‣ Humidity- and time-controlled fan control (adjustable)
- ‣ Windows, doors or light switches can trigger alarm
- ‣ Notifications via message, phone call or email

- ‣ All functions are accessible worldwide via smartphone
- ‣ VDE certification guarantees product safety
- ‣ High reliability thanks to decentralized system
- ‣ Restart within one second in case of power failure

Cost example for typical single-family house:

- ‣ frogblue products for lighting, heating, blinds control and a video door intercom: approx. 6,000 €.
- ‣ approx. 80% cost reduction for cable laying compared with wired central systems
- ‣ Configuration time for functions and the structure of the user interfaces for the installer: about one day
- ‣ Total energy consumption: only approx. 0.03 kW per hour

A major advantage of frogblue is,

only the switch and light locations need to be defined at the beginning of the project. Switch functions, alternating circuits and central commands are easily configured later via the App. Any tech-savvy person can do this themselves - all without laying a cable.

A central off or panic function

can also be configured at each light switch. We control every light and are the specialists in dimming LED lighting. The dimming curve can be adjusted so that all type of lights dim evenly.

Sun shades and blinds

can be positioned individually or in groups across the facade at any height and any slat position, with various wind and daylight sensors integrated.

Our innovative heating control system

ensures the right temperature in every room, whether underfloor heating, radiators or electric heating. Day and time scheduled programs optimise energy consumption on a room-by-room basis. Innovative features such as Warmfeet provide more comfort while saving energy at the same time.

Our video door station is the World Standard

the IP telephony and the integrated 8-megapixel hemispheric camera with a panoramic view overlooking the entire entrance area from wall to wall. Doorbell calls with multi-party support can be answered from anywhere in the world with a smartphone or standard SIP telephone device.

Frogblue is extremely fail-safe,

as control messages always use all frogblue modules, inside and outside the switch sockets, for transmission (mesh) and thus always find the best and fastest way to the destination.

Concrete with our Bluetooth® is

never too thick. When multiple switches and devices are equipped with our frogs, every message always reaches the desired destination in the building via all possible paths thanks to Bluetooth® mesh; larger areas are bridged via WLAN.

The frogblue Bluetooth® mesh is highly secure

and secured against unauthorised access since all control commands are specially encrypted and provided with time stamps which are valid only once.

Frogblue's energy consumption

is significantly lower than with wired control cabinet systems. Our frogs sport unrivalled energy efficiency consuming only about 0.2W per hour.

Future-proof thanks to world standards

We use Bluetooth® with optimised mesh and MQTT for communication, exactly as required by the new SmartHome Matter® standard.

Our family business

guarantees the highest quality and ongoing innovative development. Of course, we use frogblue across our company buildings as well as privately. With us, you still get real support.

The specialists in smart energy-efficient building technology from Germany

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