



SwitchBee

A Quick Switch to A Smart Home

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Switchbee is a new technology company that has blazed a trail with its unique smart home technology. Using patented technology we have created a simple, attractive and affordable product that enables any home to be easily converted into a smart home. The Switchbee products are installed quickly and simply without the need for changes to the existing electrical infrastructure. Your whole home can be changed to a smart home simply with the use of a screwdriver in a few hours. The SwitchBee switches replace your existing switches and are connected directly to the wiring within the wall cavity: they start working immediately, and will continue to work manually if the Internet connection is lost. Every time a switch is activated using our Zero Cross Technology (ZCT), the lifespan of the electric light fittings, lamps, and the various electrical appliances will be protected and lengthened. In addition the Switchbee Modules have a built-in current sensor that allows the system to record the current energy consumption, and log any abnormal readings.



Decorative Switch covers Type 55mm European Fit

This range of switch covers offers a clean and fresh look. Backlit and touch enabled they are ideal for your new smart home. They are suitable for use in conjunction with a 55mm wall box. No need for any extra wiring, no neutral wire and no changes to the electrical infrastructure.

By using the Switchbee application each switch may be set up as an On/Off switch, as a dimmer switch, as a two way switch or as a favorite scenario switch.

The modules for controlling electric motorized shutters or curtains allow full control of the opening size. The percentage opening required is input into the application, and the blind moves to that position.

The Boiler switch allows timers to be set, remote controls to be used and will also allow manual operation of the hot water boiler.

Face plate
1 gang



Face plate
2 gang



Face plate
shutter/blinds



Face plate
water heater/time delayed



Face plate - glass
1 gang



Face plate - glass
2 gang



Face plate - glass
shutter/blinds



Face plate - glass
water heater/time delayed



Decorative Switch covers – Italian Fit For Rectangular boxes

This range of switches offers a backlit and touch enabled switch in an elegant framed design. No neutral wire is required, no infrastructure changes and no new wiring.

This type of wall plate together with the smart modules allows a variety of combinations of switches to be used in the same wall box. For example electric shutters, lights and fans can be combined.

By using the Switchbee application every switch can be set up as an On/Off switch, a dimmer switch, as a two way switch or as a favorite scenario switch.

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Face plate
1 gang



Face plate
2 gang



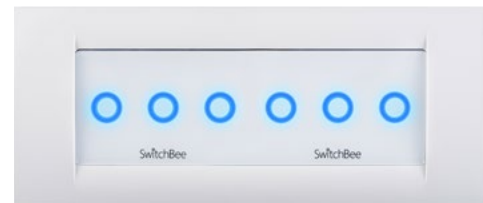
Face plate
3 gang



Face plate
4 gang



Face plate
6 gang



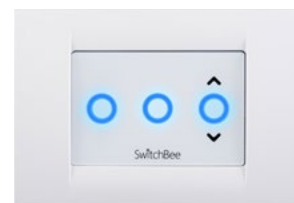
Face plate
water heater/time elayed



Face plate
shutter/blinds



Face plate
2 gang and shutter/blinds



Face plate
2 shutter/blinds



Decorative Switch covers – Italian Fit Glass Style For Rectangular boxes

This range of wall switches is designed to provide an elegant and standout switch with is both backlit and touch enabled. They are suitable for use with rectangular wall sockets.

By using the SwitchBee application every switch can be set up as an On/Off switch, a dimmer switch, as a two way switch or as a favorite scenario switch.

The modules for controlling electric motorized shutters or curtains allow full control of the opening size. The percentage opening required is input into the application, and the blind moves to that position.

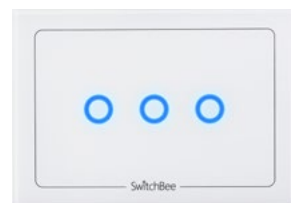
Face plate - glass
1 gang



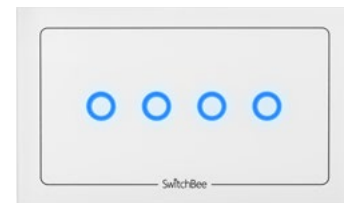
Face plate - glass
2 gang



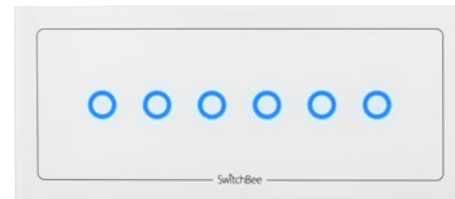
Face plate - glass
3 gang



Face plate - glass
4 gang



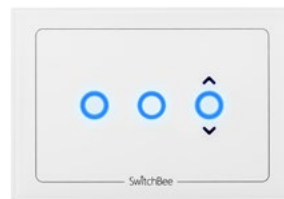
Face plate - glass
6 gang



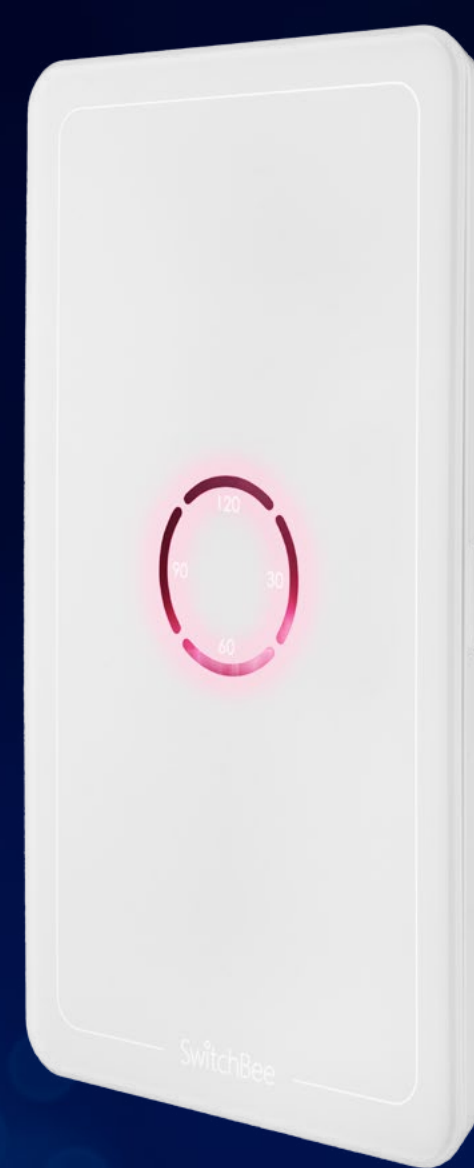
Face plate - glass
shutter/blinds



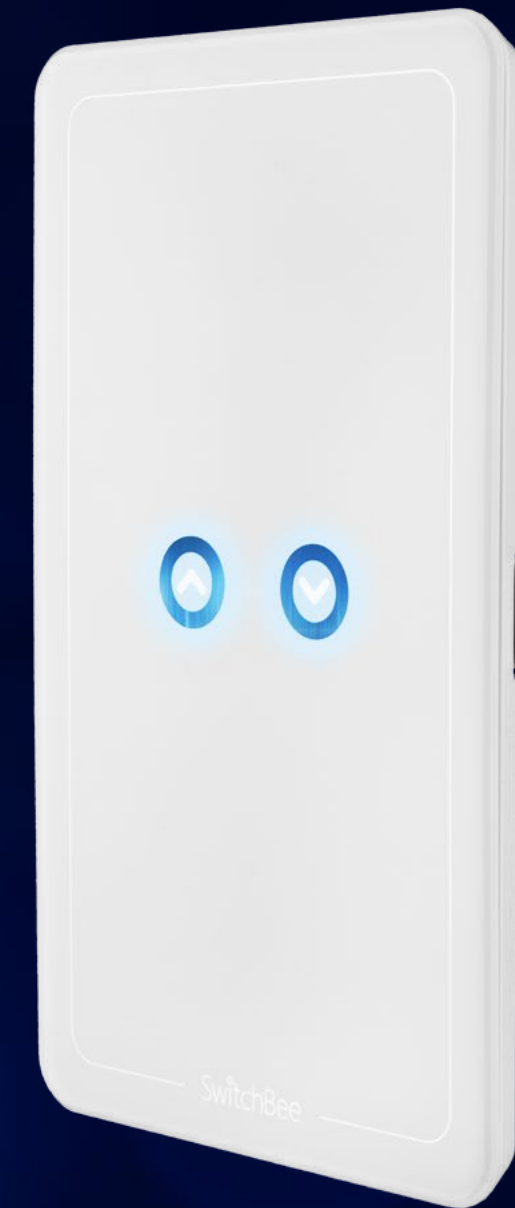
Face plate - glass
2 gang and shutter/blinds



Face plate - glass
2 shutter/blinds



Face plate - glass
water heater/time delayed



Face plate - glass
shutter/blinds



External Wall Switches

This range of wall switches are designed to fit over the plaster, and have been optimized for use outside, in the garden or patio. Inside these dust proof and water resistant boxes it is recommended to fit the full range of Switchbee modules and thus to enjoy all the benefits of the smart switches for lights, shutters and curtains, patio covers and more.

The boxes allow for control of one, two or three touch switches. These switches can be used to switch 3 different zones, two zones, or one zone.

Box on the plaster
1 gang



Box on the plaster
2 gang



Box on the plaster
3 gang



Three faucets irrigation controller

The irrigation controller allows to control up to 3 faucets with the app and set up irrigation programs easily and unlimited.





The Sticker Switch

The sticker switch is suitable for places where lighting needs to be controlled, but where there is no existing wiring. In places where children or people with special needs require a lower positioned switch – these are ideal. The sticker switch can be installed anywhere. Once set up through the application it can be used as either a favorite scenario switch or a two way switch.



Sockets

The Switchbee socket switches are able to work in any plug socket and are compatible with all voltages. After the new smart socket is paired to the smart home application, it immediately becomes a smart socket. These smart socket switches can be controlled both manually and from a distance through the use of the application. They may be used in an ON/OFF state, a dimming state, used to remember favorite scenarios or settings and it also allows electrical currents to be measured.



The Switchbee Modules

All ranges of switches use the same smart modules that do not require a neutral wire, any infrastructure changes or new wiring. The modules together with the advanced technology that Switchbee has developed, have an effective range of up to 100m within built up brick or concrete environments, and can pass through concrete walls. The length of transmission of each command is less than 2 milliseconds and uses a very low power level. Transmissions only occur when a command is initiated. The switches are connected directly to the existing electrical network in the house. They start working immediately, and continue working even if the Internet goes down, or if the router or central unit goes off. Each triggering of a light switch or socket switch connected to an electrical device is completed with the most optimal timing system called (Zero Cross Technology). This is to protect and extend the lifespan of the electrical lamps and electrical devices that are connected. All SwitchBee modules are fitted with a current sensor that allows the system to get a reading of the current electrical consumption of any light or electrical device connected. The current sensor also functions as overload protection and shuts off the load in case of over-current.

1 gang module
2Amps



2 gang module
2Amps



3 gang module
2Amps



1 gang module
10Amps



2 gang module
10Amps



3 gang module
10Amps



1 gang module
16Amps



Water heater/time
delayed module - 16Amps



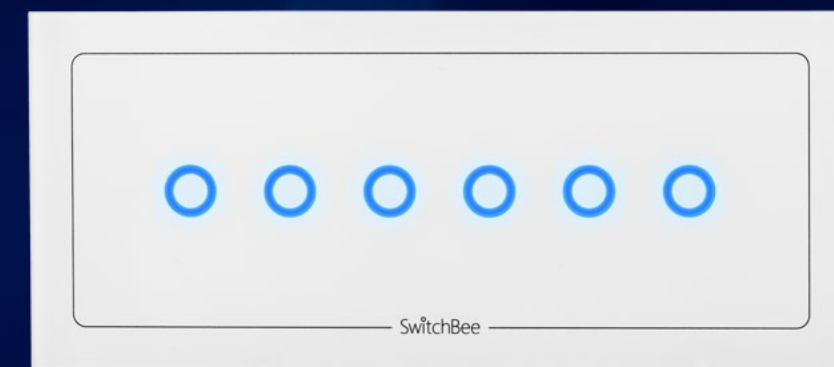
Shutter/blinds
module



Double shutter/blinds
module



Shutter/blinds and
2 gang module



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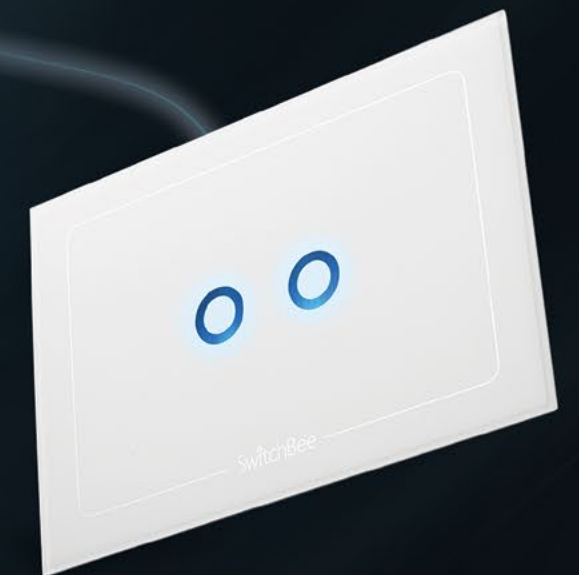
The Central Unit

The central unit is the brains of the system and it allows the electricity to be controlled in the home at any time and from any location.

The central unit works through a system of very short two directional RF broadcasts to each of the connected modules that communicate to it. When a command is sent through the application, the mobile phone or tablet transmits this command through the WIFI network or the LTE/3G network to the central unit.

It is important to note that even in the case that the central unit stops working, all the switches still function as normal, by manually pressing them.

The range of the RF transmissions is up to 100m in built up areas, such as inside the house (including brick walls and reinforced concrete). Outdoors the range is up to 500m.



In order to control the smart home, download the SwitchBee app (available for iOS or Android). After installing the app, you can connect securely to the central unit and control your smart home from anywhere and at any time.



Decorative Switch covers Type 55mm European Fit



External Wall Switches



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The Switchbee Modules



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Central Unit, Sticker Switch & Sockets

