

SMART HOME G 2.0 SYSTEM INSTALLATION REQUIREMENTS

Dear Customer,

You have just received the Smart Home installation kit from Keemple.
The devices should be installed after turnkey finishing of your dwelling.

Please read carefully the information on installing the Keemple Smart Home system. In particular, if you plan to make tenant changes or modifications to the electrical installation.

We remind you that the warranty on the device is only valid if the system is installed by our installer.

When to make an appointment for the installation of the system?

Order a visit from a Keemple installer when all renovation, finishing and adaptation works ("turnkey finishing") have been completed in the apartment. The apartment must be fitted with classic light switches and in the case of external blinds – also roller shutter switches. If you arrange a visit to the installer in an apartment that does not meet the above requirements, the installation of some devices will not be possible.

How to prepare for the installer's visit?

Take the Keemple Smart Home kit, a smartphone or tablet with Android (from Android 9) or iOS (from iOS 11.0) to the installation site. Phones with software older than those indicated above will not be able to support the application.

Make sure that the Internet is connected at the installation site. We recommend that all rooms in your apartment have a wireless Internet connection. All elements of the system that connect to Wi-Fi (gateway, universal IR driver, camera) operate in the 2.4 GHz band. You can connect the gateway to the router directly with a LAN cable, for this your router should have a free LAN port.

Please, have a password for your Wi-Fi network ready, as it will be necessary for system setup.

Some of the Keemple Smart Home devices (gateway, camera, universal IR controller) require a power connection. Organize free electrical outlets near the place of their connection.

If you have received a smart thermostat, check whether the elements of your central heating system are functional and have the appropriate technical parameters. The installation of the smart thermostat will be possible on a radiator equipped with a Danfoss RA or K valve (valve with a diameter of 30/1.5) in accordance with the product specifications.

If you want to configure a universal IR controller, make sure that during installation, devices operated by an infrared remote control (e.g. TV, home theater, air conditioner, ventilation) are available in the apartment.

READ CAREFULLY!

Below you will find the general requirements for electrical installation. They will be indispensable if you plan to make tenant changes in your apartment.

Keemple Smart Home devices should be used in accordance with the attached specification. For safety reasons, it is not possible to install Keemple devices in the bathroom (does not apply to flood sensor). Keemple devices should remain outside it.

According to IEC 60346, all electrical boxes for Keemple devices must be equipped with a neutral (N) conductor. The lack of a cable will prevent their installation. Installation of lighting switches, roller shutter controllers, dimmers with a touch panel will be possible only in electrical boxes corresponding to the specification used by the developer and in electrical boxes with a depth of 60 mm. It is necessary to leave a minimum of 25 mm of free space in the box (not counting wires).

Dimmers work only with compatible dimmerable lighting or a voltage-controlled lighting system. Curtain switch controllers work with motors with a maximum power of 400 W, powered and controlled by 230 V.

Keemple single and double switches can perform stair and cross functions. This is possible using the connections between devices in the Keemple app. Internet access is required for connections. No special electrical installation is required for this.

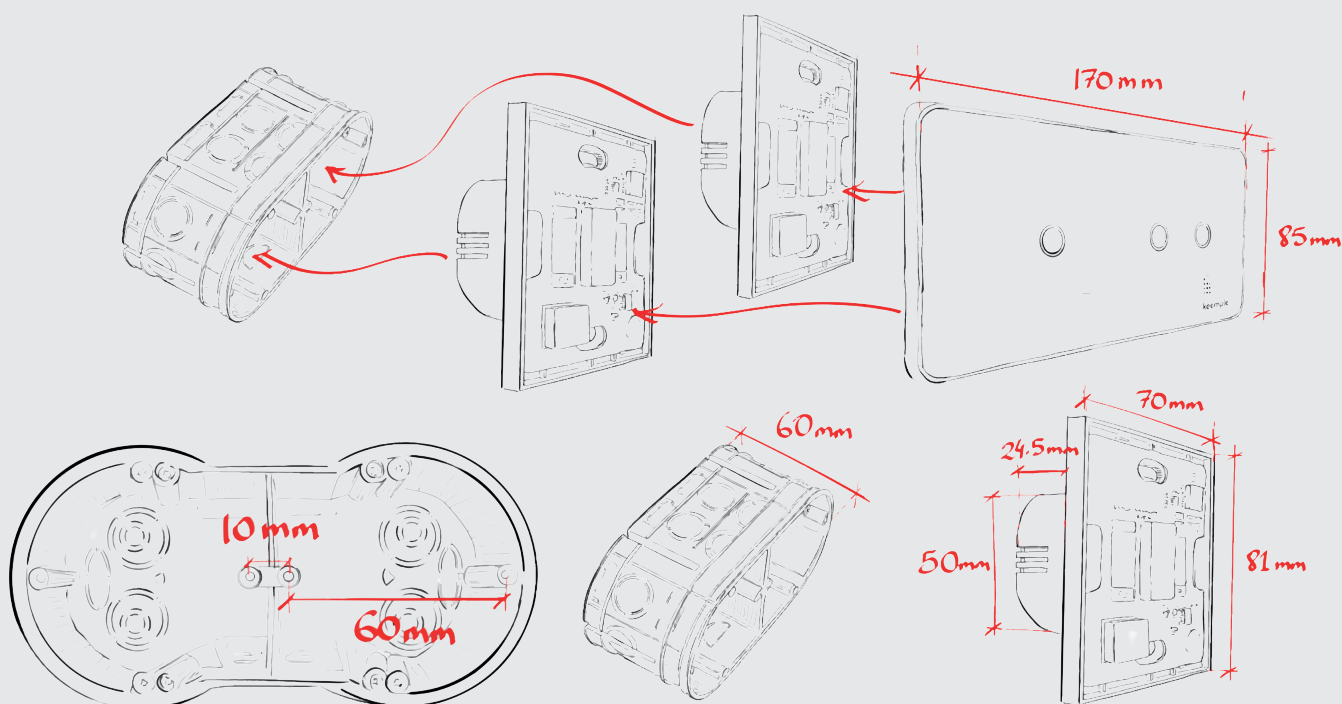
Keemple devices can be installed in double, triple and quadruple frames. An additional, appropriate frame is required for this.

The dimensions of the double frame are 170 mm x 85 mm.

The dimensions of the triple frame are 227 mm x 85 mm.

The dimensions of the quadruple frame are 299 mm x 85 mm.

Installation boxes must have a diameter and depth of 60 mm.

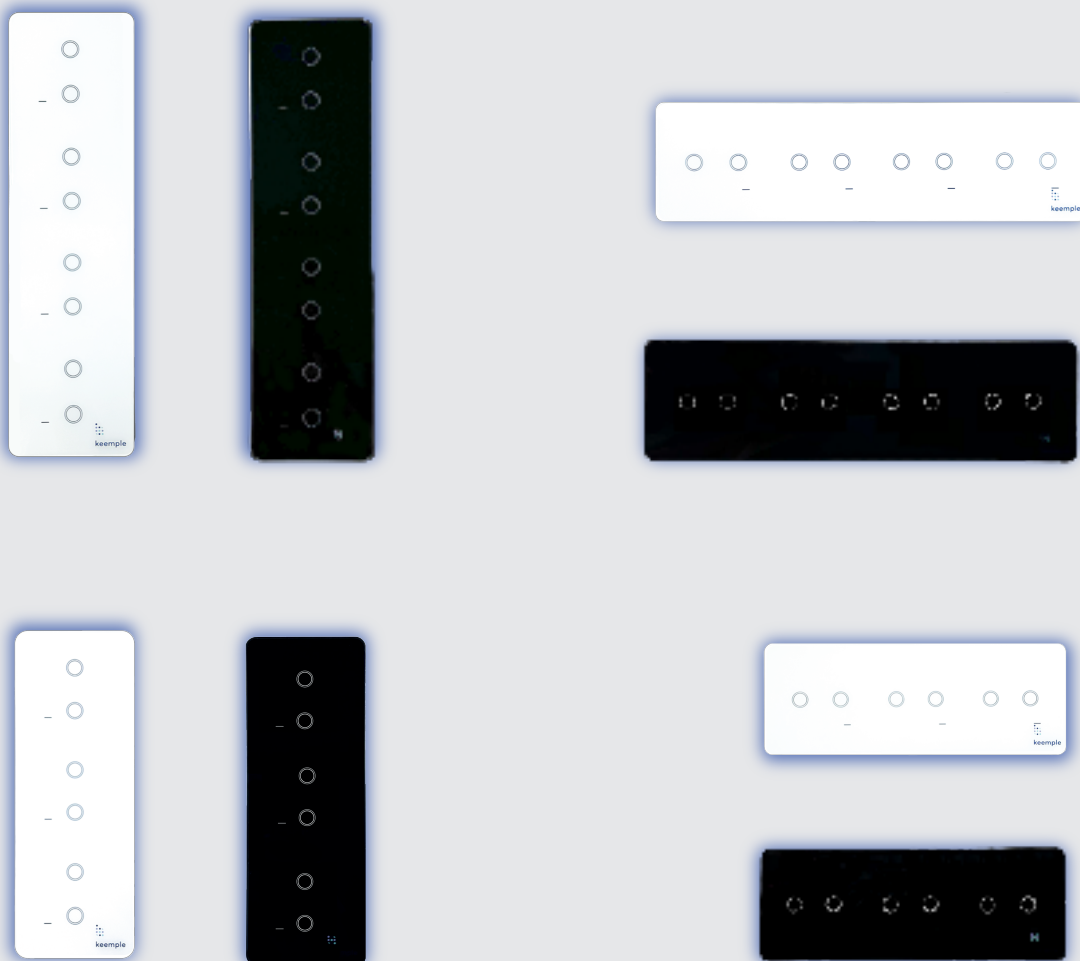


Horizontal and vertical double frames
are available in the following combinations:

single + single (1+1); single + double (1+2);
double + single (2+1); Double + Double (2+2)

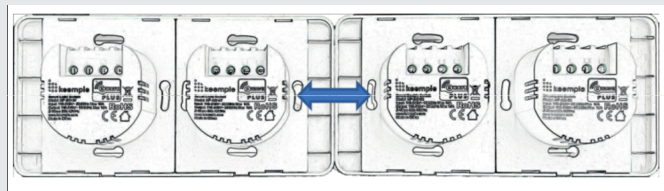


Triple and quadruple frames (vertical, horizontal, black and white)
are only available for double switches.

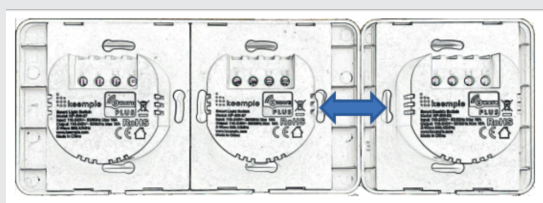


It is possible to place double frames, single panels and their combinations next to each other. In this case, appropriate distances should be maintained between the screws of the electric boxes.

If you want to install two double frames side by side, keep a minimum distance of 40 mm between the mounting points.



Installation of double frames next to single panels requires a minimum distance of 33 mm between mounting points.



Installation of several individual panels next to each other will be possible while maintaining a minimum distance of 25 mm between mounting points of electric boxes.



Are ready to install our system?

Contact us,

by sending a message to biuro@keemple.pl

or by calling + 22 295 18 31



