

 **FIBARO**[®]
Home intelligence



World of **FIBARO**

Welcome to **FIBARO** World

Currently, the FIBARO System is the best building automation solution available on the world market. It is a totally new approach to intelligent building automation solutions.

The FIBARO System is more than just an intently electrical system. It is a trusted host, Your personal manager who will take care of You and Your family.

Not only will the FIBARO System ensure Your comfit, but it will also change Your life. Try it, and Tings will never be the same again.



FIBARO SYSTEM

- FIBARO system is polish, successfully applied solution in the whole World;
- the system is completely designed and manufactured by the Fibar Group in factory in Poznan;
- FIBARO allows to control home lighting, heating, blinds, windows and any electrical devices;
- system based on Z-Wave technology.



Main goals

- the FIBARO system is adapted to the individual needs and requirements, allows to monitoring, controlling and synergistic work of all electrical equipment at home;
- fast, easy and non-invasive installation;
- fast, easy simple, foolproof;
- unbeatable user friendliness;
- safety, comfort and convenience to user;
- saving time, energy and money;
- eco-friendly lifestyle;
- high Quality;
- innovative design;
- innovative unique functionality.



Real intelligence

- main goal of FIBARO was to create a real, intelligent building automation system; the devices offered today are cutting edge technology on a global scale;
- thanks to FIBARO we can manage our whole home from anywhere places in the world;
- FIBARO is compatibility with mobile phones from various manufactures, tablets and computers;
- system have developed a special website which allows to control the system using browser;
- system is based on the most stable wireless technology Z-Wave.



Z - Wave

Z-Wave is an innovative, wireless communication protocol used in home automation systems. Z-Wave is a MESH networking technology, where each device in the network is capable of sending and receiving control commands.

Devices are also capable of controlling and monitoring the work of particular modules, continuously informing the central unit of their status.

The FIBARO System devices are based on Z-Wave technology, thanks to which they can work individually or in groups, communicating with one another, providing you with indefinite home automation management possibilities.



Our products

Each of Fibaro module is only:

- 42mm long, 37mm wide and 17 mm high;
- they can be fitted into any wall switch box;
- currently the smallest device of this type available in the world.



Home Center 2

- extremely efficient hardware architecture = fastest device of the type in the World;
- ultra low energy consumption;
- remote access via web page or mobile phone;
- simple, user friendly interface;
- fast and simple configuration;
- geolocalization – track Your family members;



Home Center 2

- SMS notification;
- manageable users' rights;
- various devices' associations;
- conditioning scenes depending on weather or other, user-defined variables;
- advanced recovery system;
- system backup is always saved on attached pendrive, hidden in the casing;
- history of events.



Dimmer

- extremely small size – smallest device of the type in the World;
- fast communication with Z-Wave network;
- fast and simple configuration;
- supports two, independent, association groups – each switch key triggers different associations;
- unrestricted configuration of lightning and dimming time for both manual and automatic operation;



Dimmer

- user defined levels of max dimming and max brightening;
- three-way switch function;
- memorized device state after power cut,
- synchronized dimming level for all associated dimmers;
- supports both types of wall switches – mono and bi-stable;
- user configured support of alarm frames – flood, smoke, CO, CO², temperature.



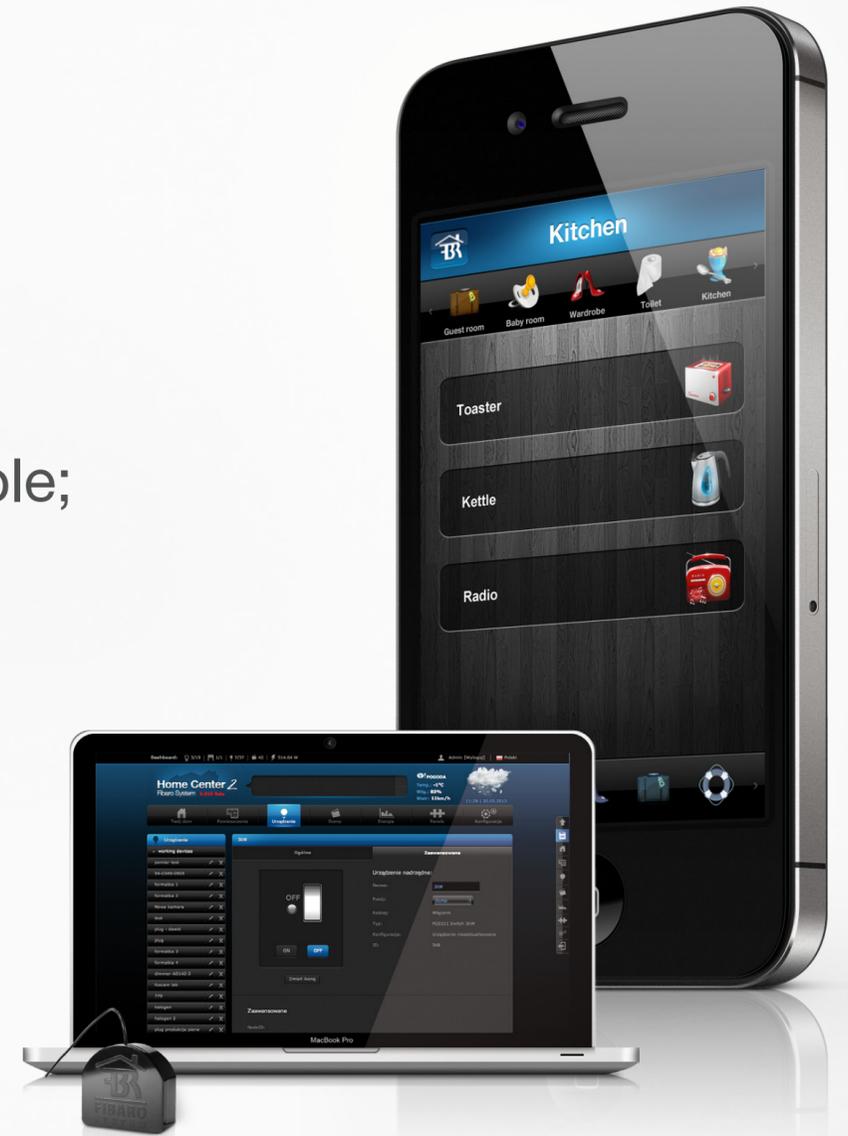
Relay Switch 2 x 1,5kW

- supports two, independent, association groups – each switch key triggers different association;
- automatic relay off after defined time period – enables device to operate gates, roller blinds with electronic steering, independent for relay 1 and 2;
- associated devices may be triggered by relay ON or OFF;
- user defined relays' response to alarm frames
 - no reaction / device ON / device OFF
 - / cyclically changing state e.g. lights blinking;



Relay Switch 2 x 1,5kW

- triggers associated Dimmers and Roller Shutters;
- memorized device state after power cut;
- supports all on / all off function;
- supports both types of wall switches – mono and bi-stable;
- user configured support of alarm frames
– flood, smoke, CO, CO2, temperature.



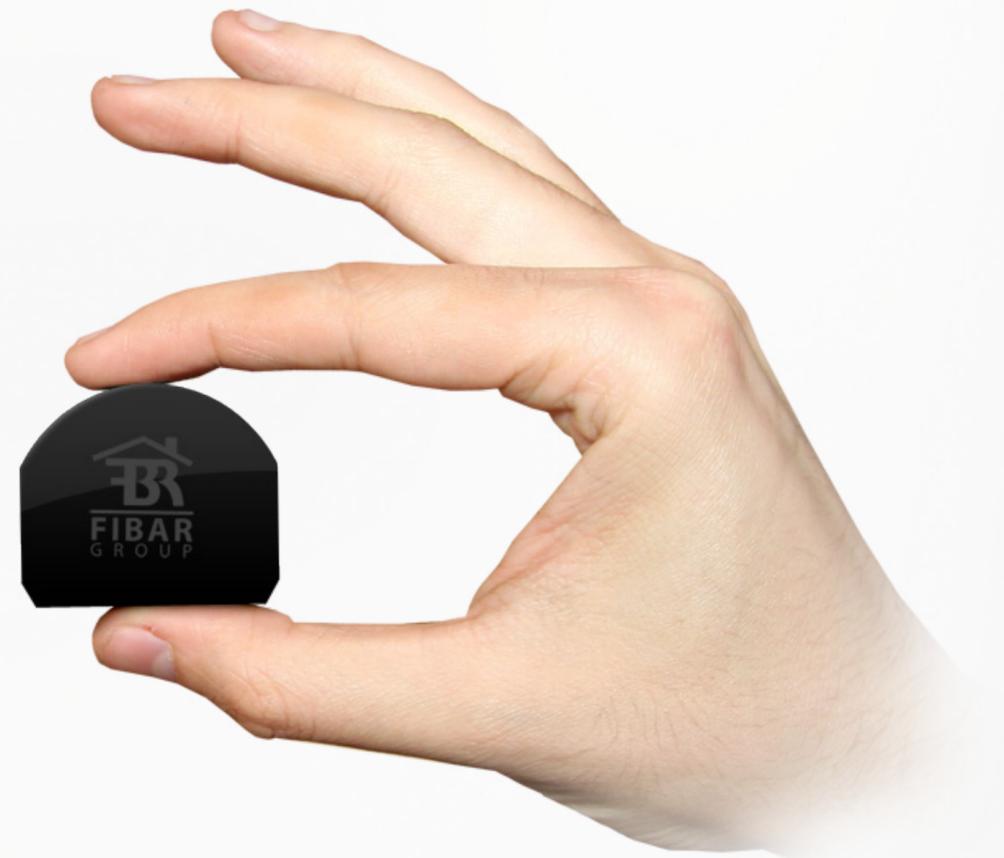
Relay Switch 1 x 3,0kW

- automatic relay off after defined time period – enables device to operate gates, roller blinds with electronic steering;
- associated devices may be triggered by relay ON or OFF;
- user defined relay's response to alarm frames – no reaction / device ON / device OFF / cyclically changing state e.g. lights blinking;
- triggers associated Dimmers and Roller Shutters;



Relay Switch 1 x 3,0kW

- memorized device state after power cut;
- supports all on / all off function;
- supports both types of wall switches
 - mono and bi – stable;
- user configured support of alarm frames
 - flood, smoke, CO, CO2, temperature.



Roller Shutter

- extremely small size – smallest device of the type in the World;
- fast communication with Z-Wave network;
- fast and simple configuration;
- two different ways of triggering device associations
 - single click triggers association group 1,
 - key hold triggers association group 2;
- supports both types of wall switches
 - mono and bi-stable;
- user configured support of alarm frames
 - flood, smoke, CO, CO2, temperature.



Universal Binary Sensor

The Universal Binary Sensor is a wireless module that makes it possible to improve the functionality of any sensor with a binary output by allowing it to communicate with the wireless network Z-WAVE and the FIBARO building intelligence system.

Moreover, the module allows for wireless communication between the system and the DS18B20 temperature sensors.

The device can service up to two binary sensors and up to four DS18B20 temperature sensors.



Universal Binary Sensor

- the Universal Binary Sensor may be used whenever wireless collection of data from sensors is required;
- once additional safety housing have been installed, the sensor can also be used in areas with high humidity and high temperature;
- the Sensor's main function is the integration of the wireless, Fibaro System with the existing wire-based and wireless alarm and measurement systems.



Door / Window Sensor

- the Fibaro Door / Window Sensor is a wireless, battery powered, Z-Wave compatible reed sensor. Each time its two parts, i.e. the Sensor's body and a magnet separate, is sent a radio signal;
- in addition the Fibaro Door / Window Sensor supports one DS18B20 temperature sensor and has one potential free input.



Door / Window Sensor

The Fibaro Door / Window Sensor is designed for use with scenes in home automation systems, alarm and surveillance systems and everywhere else where information related to opening / closing of doors, windows, garage gates, etc. is needed.



Wall Plug

FIBARO Wall Plug with power metering feature is an intelligent, ultimate plug & play, extremely compact, most sophisticated, remotely controlled outlet adapter.

- most sophisticated design;
- two colors of casing;
- the smallest device of the type on the world;
- report on event;
- report faulty device;
- built in network range tester;
- energy saver;
- money saver;



Wall Plug

- ultimate plug and play;
- 16 million color scale of LED crystal Ring display a current device's energy consumption;
- built in thermal sensor;
- protection against short-circuit;
- bedside lamp feature.

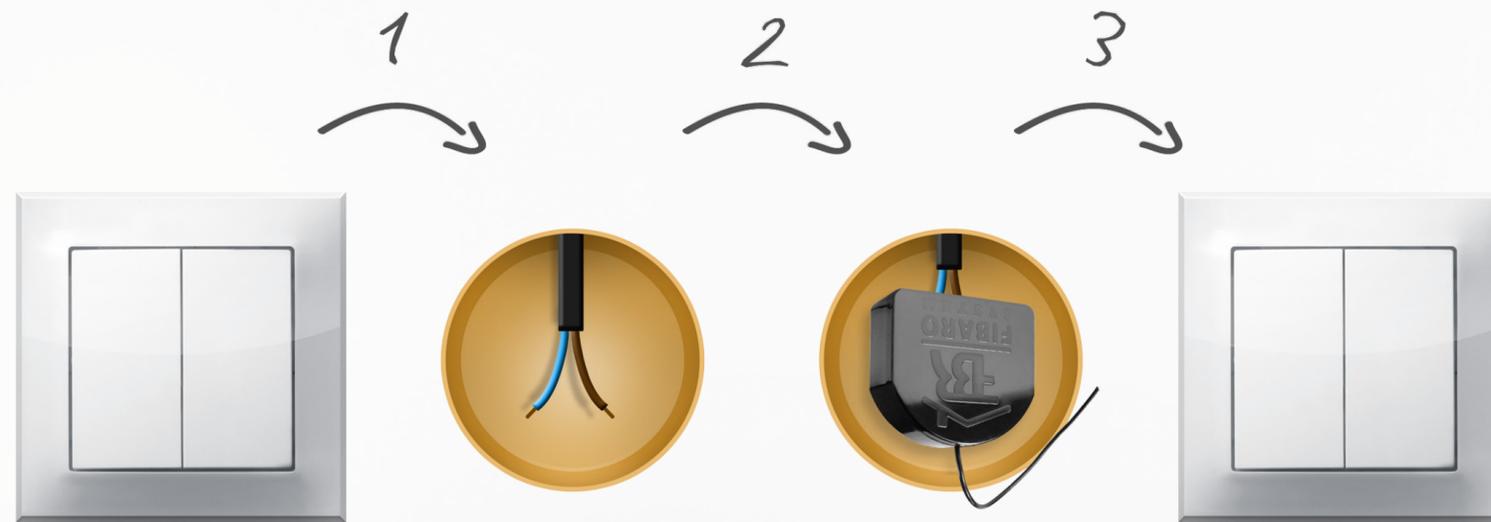


Bypass



- works with dimmer FGD211;
- allows you to connect fluorescent lighting, LED lighting systems even without neutral on the button;
- allows dimming any light source, even with minimal power consumption.

Fast and simple installation



Non- invasive, 3 – minute installation

1. Take out wall switch from its casing.
2. Connect Fibaro module.
3. Mount wall switch in its casing.

Simple as that!

Fast and simple installation

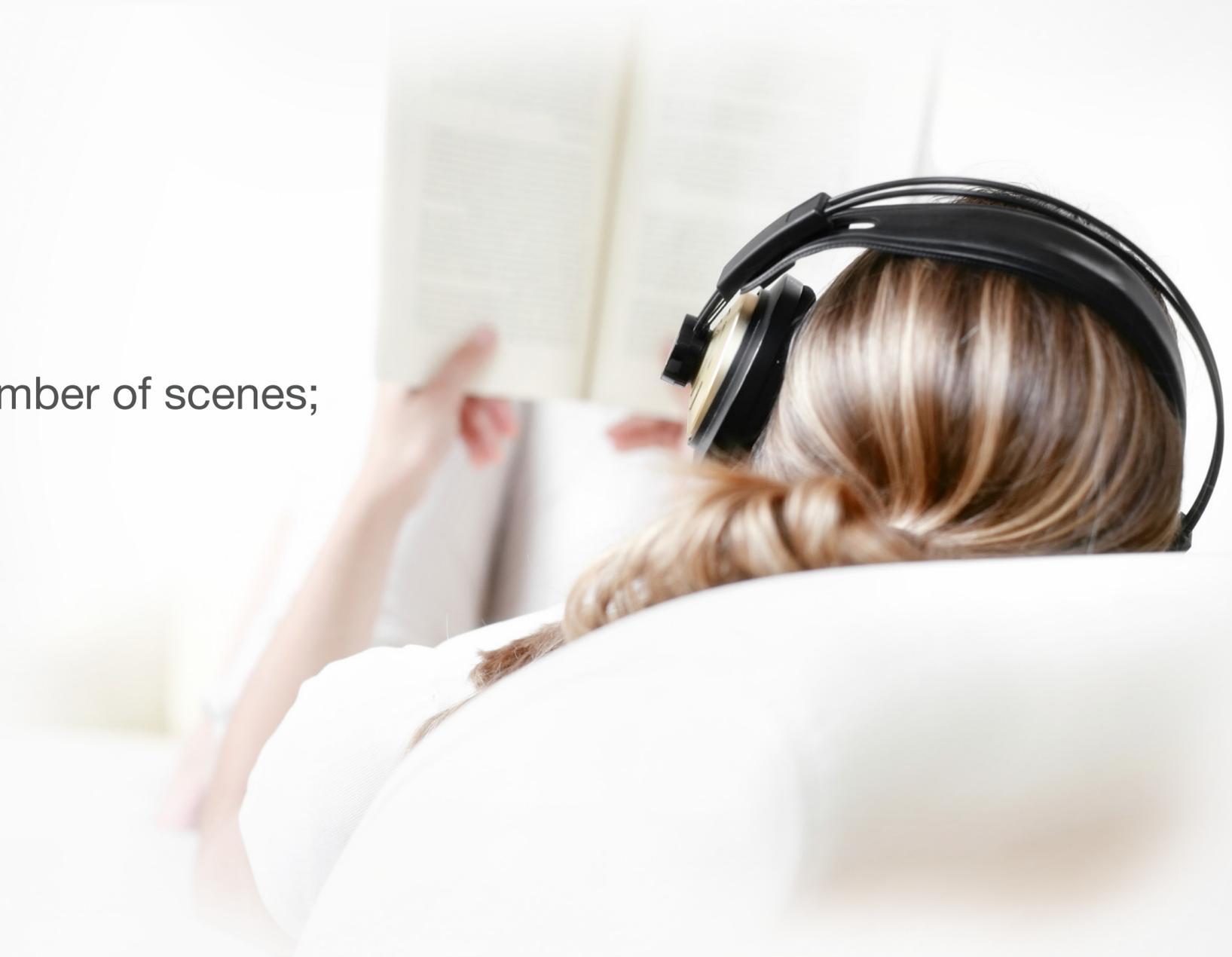


Fibaro uses two interfaces:

- mobile interface - which is used to control the system on daily basis. The interface is used for ongoing communication between the fibaro system and its user;
- the configuration interface - which is used to define the location of particular devices, room names, dependencies between devices and other system function.

Comfort

- easy and intuitive to use;
- each user can program limited number of scenes;
- quick & Easy installation;



Comfort

- system settings - adding devices, programming stages, naming scenes, equipment and rooms do not require calling a service and it takes you a few minutes;
- the possibility of placing most popular scenes on the quick launch bar;
- thanks to control via mobile devices- the system is always with you.



Safety

Immediate response to the threat is the most important factor. Often can save our lives. The FIBARO System will identify the threat within seconds and activate all the alarm procedures, preventing a tragedy from happening.



- in case of fire and the total destruction of the Home Center 2, system will continue to work and perform programmed safety procedures;
- while you are not in home, system will simulate your presence - will perform pre-programmed scenes, so that the house will seem that someone is inside;

Safety



- system will send messages to your phone to inform You about different events at home;
- remote monitoring of cameras on the phone screen - at any time to check what your kids are doing;
- the system can be operated from anywhere in the world, using any mobile device.

Saving with **FIBARO**



- FIBARO System software allows its users to reduce energy consumption and building operating cost;
- FIBARO informs of all important incidents which occur in the system and displays the status of all its components;
- FIBARO measures the current electrical power consumption;

Saving with **FIBARO**



- adjust the heating or AC program to your actual needs;
- reacts to situations which could lead to unnecessary energy loss;
- give possibility to check the status of the devices responsible for lighting or temperature control.

With Fibaro you can save up to 30% of electricity and 23% of heat

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*Fibaro System takes home automation
to completely new level.*

So unique in fact, that we no longer call it „automation”.

We think of Fibaro as Home Intelligence!

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