

FIBARO FGWPE-102 ZW5 EU

FIBARO Wall Plug User Manual

Model: FGWPE-102 ZW5 EU

1. INTRODUCTION

The FIBARO Wall Plug is a compact, intelligent plug-in module designed to control lighting or other electrical devices via Z-Wave commands. It is engineered to work with any type of load up to a maximum power of 2500W. This device also features energy consumption measurement, providing instant and total consumption values to your Z-Wave controller.

A visual indicator ring on the plug provides an immediate overview of energy consumption: a green ring indicates low consumption, while a red ring signifies very high consumption. Additionally, the FIBARO Wall Plug offers a unique Z-Wave network range test function.



Image 1.1: The FIBARO Wall Plug (Type E) and its retail packaging.

2. SAFETY INFORMATION

- Ensure the Wall Plug is connected to a properly grounded electrical outlet.
- Do not exceed the maximum load capacity of 2500W.
- Do not disassemble or modify the device.
- Keep away from water and high humidity environments.
- This device is for indoor use only.
- Unplug the device from the power outlet before cleaning.

3. SETUP

3.1. Physical Installation

1. Plug the FIBARO Wall Plug into a standard Type E electrical outlet.
2. Connect the appliance you wish to control into the FIBARO Wall Plug.



Image 3.1: The FIBARO Wall Plug supports Type E and Type F outlets.

3.2. Adding to Z-Wave Network (Inclusion)

1. Place the FIBARO Wall Plug within direct range of your Z-Wave controller.
2. Set your Z-Wave controller into inclusion mode (refer to your controller's manual for specific instructions).
3. Press the button on the FIBARO Wall Plug three times quickly. The LED ring will flash blue to indicate inclusion mode.
4. Once successfully added, the LED ring will change to a steady color, indicating its current power consumption.

3.3. Z-Wave Network Range Test

The Wall Plug can test the Z-Wave network coverage. To activate this function:

1. Press and hold the button on the Wall Plug for a few seconds until the LED ring turns light violet.
2. Release the button. The LED will then display a color indicating the current network coverage:
 - **Green:** Excellent range
 - **Yellow:** Good range
 - **Orange:** Moderate range
 - **Red:** Poor range
 - **Flashing Red:** No connection
3. To exit the test mode, press the button briefly.

4. OPERATING THE WALL PLUG

4.1. Basic ON/OFF Control

- **Manual Control:** Press the button on the Wall Plug once to toggle the connected appliance ON or OFF.
- **Remote Control:** Use your Z-Wave controller or associated mobile application to remotely switch the connected appliance ON or OFF.



Image 4.1: Example of the FIBARO mobile application interface for controlling devices.

4.2. Energy Monitoring

The FIBARO Wall Plug continuously monitors the energy consumption of the connected device. The LED ring changes color to visually represent the current power draw:

- **Green:** Low power consumption
- **Blue:** Moderate power consumption
- **Yellow:** Higher power consumption
- **Red:** Very high power consumption
- **Flashing Red:** Overload warning (disconnect appliance immediately if this occurs).

Detailed energy consumption data (instantaneous power and total accumulated energy) can be viewed through your Z-Wave controller's interface or associated applications.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the Wall Plug. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** The FIBARO Wall Plug supports wireless firmware updates when used with a FIBARO Home Center 2 or newer controller. Refer to your controller's manual for instructions on performing firmware updates.

6. TROUBLESHOOTING

6.1. Common Issues

- **Device not responding:**
 - Ensure the Wall Plug is properly plugged into a live outlet.

- Check the Z-Wave network range using the built-in test function (Section 3.3).
- Verify that the Wall Plug is correctly included in your Z-Wave network. If not, try re-including it.

- **Incorrect energy readings:**

- Ensure the connected appliance is within the specified power limits.
- Check for any firmware updates for the Wall Plug or your Z-Wave controller.

- **LED ring not illuminating:**

- Verify power supply to the outlet.
- If the device is unresponsive, try unplugging it for 30 seconds and plugging it back in.

6.2. Exclusion from Z-Wave Network

If you need to remove the Wall Plug from your Z-Wave network:

1. Place the FIBARO Wall Plug within direct range of your Z-Wave controller.
2. Set your Z-Wave controller into exclusion mode (refer to your controller's manual).
3. Press the button on the FIBARO Wall Plug three times quickly. The LED ring will flash blue to indicate exclusion mode.
4. Once successfully excluded, the LED ring will stop flashing and the device will no longer be controlled by the network.

7. SPECIFICATIONS

Feature	Detail
Model Number	FGWPE-102 ZW5 EU
Manufacturer	FIBARO
Dimensions (L x W x H)	5 x 5 x 5 cm
Weight	90 grams
Color	No Color (Transparent/White)
Material	Plastic
Power Type	Mains Powered
Voltage	230 Volts
Max Load	2500W
Wireless Technology	Z-Wave Plus
Usage	Personal and Commercial Use
Country of Origin	China

8. WARRANTY INFORMATION

Specific warranty details for the FIBARO Wall Plug FGWPE-102 ZW5 EU are not provided in this manual. Please

refer to the official FIBARO website or your point of purchase for comprehensive warranty terms and conditions.

9. SUPPORT

For further assistance, technical support, or detailed product documentation, please visit the official FIBARO support website or contact their customer service department. Contact information can typically be found on the FIBARO website or product packaging.