

EASYPLUG DEVICE- & OPERATIONS MANUAL

On-Wall Power Socket – Switch Adapter

1. General information about this manual

Before getting started using tapHOME components please read this instruction carefully and completely. Keep this instruction and pass it on, if you hand your device to anybody else.

2. Hazard warning

Opening of the device is only allowed by authorized persons and gives the risk of an electric shock. There's no need to open the device, as there are no components to be serviced by a consumer. The device is constructed to solely operate indoors on 230V/50Hz AC supply within fused circuits of max. 16A. The device is designed for continuous operation, it doesn't have an own separator and is power free only unplugged. For this always make sure the device is easily accessible. Never plug more devices into each other. Protect the device against water, damp, dust, sun and other heat radiation.

IMPORTANT:

Please always note the maximum load of 3.000W (1.500W for inductive loads). Applying too high loads can destroy the device and will exclude the device from warranty. Non-compliance can also lead to accidents and fire.

3. General function of the EASYPlug

The EASYPlug switches connected devices/lamps by Z-Wave® radio commands. These commands are sent by the tapHOME EASYGate (required for operation) either independently or through a user command utilizing the tapHOME App (more information on www.taphome.eu).

4. General tapHOME system information

This device is part of the tapHOME home automation system and utilizes a special radio protocol developed for this kind of application called Z-Wave®. Z-Wave® among other things offers a manufacturer independent compatibility and following substantial features:

1. **Bidirectional communication:** A command sent to the device will be acknowledged and reconfirmed.
2. **Mesh-Networking:** Single Z-Wave® devices (like this) also operate as repeater. A command to a device which is too far away or hard to reach will be passed on by up to 4 devices. The EASYGate arranges to find the best route to the devices and administers the according routing table for all devices.

The combination of these features provides a secure, stable and reliable communication between all devices. All system configurations are made in the tapHOME-App which executes all functions and operations in conjunction with the EASYGate connected to the router / switch / access point. Please refer to the tapHOME-App manual on www.taphome.eu to find out more details about the scalable tapHOME-App.

5. Operating the EASYPlug

5.1 Operating the device manually

You can operate the following function by pressing the button on the front side of the device: Switching on/off by pressing and releasing the button.

5.2 Teaching-in the device to the tapHOME system

For teaching-in the device to the tapHOME system please plug the device to a power socket at the prospective place of operation. This is very important to have the EASYGate operating the Mesh-Networking function correctly and to prevent future problems in communication between the devices. Set the tapHOME system to learning mode according to the tapHOME-App manual (My devices / Attach devices). Press and hold the button on the front side of the device for 1 second (count 21). The device will now be recognized within a few seconds and can be used within the system (after failure please repeat this procedure). Finish the teaching-in procedure by following the instructions of the tapHOME-App. If necessary please consult the tapHOME App manual or FAQ's at www.taphome.eu.

5.3. Special functions of the device within the tapHOME system

The device can be included/excluded into the standard Z-Wave® scenes ALL ON/OFF. By default the device is already included to these scenes. By operating this scenes through the tapHOME-App all included devices will be switched on/off. Following settings can be done for every single device in the device screen of the tapHOME-App:

1. Enable ALL ON/OFF: The device is included to the ALL ON/OFF scene
2. Disable ALL ON/OFF: The device is excluded from the ALL ON/OFF scene
3. Disable ALL ON: The device is only included to the ALL OFF scene
4. Disable ALL OFF: The device is only included to the ALL ON scene

In the device screen of the tapHOME App the button of the device can be locked (additional child protection). By default the button of the device is unlocked. The following settings can be done:

1. Locked: The button is locked and can't be operated
2. Unlocked: The button is unlocked and can be operated
3. Fast Triple pushes: The device can be switched by 3 fast pushes to the button

6. Function of the device LED

The LED behind the device button indicates the following:

1.	On	The device is on
2.	Off	The device is off
3.	Flashing LED	2x/sec. = teaching-in
		3x/sec.=removing device
		8x fast= failure teaching-in/removing

7. General note about radio operation

Z-Wave® utilizes the radio frequency of 868.42Mhz for transmitting of commands.

As this frequency can also be used by other systems and despite utilizing the Z-Wave® technology interferences in operating devices cannot be eliminated at any time. Electric motors, failure devices, etc. can also give interferences for transmissions of radio signals. The reach of the radio signals in between the devices of 30m in buildings and 100m in open air can be significantly reduced through the structure of buildings (e.g. concrete ceilings and/or walls) or through other environmental influences (e.g. humidity). With the Z-Wave® Mesh-Networking technology the tapHOME system offers a perfect solution to overcome this issue and to provide an enhancement for the reach of the radio signals.

Herewith EUROiSTYLE GmbH declares that the EASYPlug is compliant to the general requirements and other appropriated regulations of the 1999/5/EC directive. The declaration of conformity is available under www.tapHOME.eu.

8. Maintenance and cleaning

The EASYPlug doesn't require any maintenance. Repairs should only be carried out by authorized persons. For cleaning the device please unplug the device from your power socket. Clean the device with a dry towel only and make sure that no water is getting inside the device.

9. Technical specifications

Power supply:

230V / 50Hz AC

Max. load:

3.000W / 1.500W (standard/inductive loads)

Radio frequency:

868.42 MHz

Range:

max. 30 / 100m in buildings/open air

Degree of protect:

IP20

Protection class:

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Disconnecting means:

1Y

Pollution degree:

2

Rated impulse voltage:

2.500V

The device is constructed to be used at a temperature of 0°C to 35°C and a relative humidity (rH) of 30-80% (storage at -5°C to 65°C, 10 to 70% rH)

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10. Instruction for disposal / CE-sign

Do not dispose this device with domestic waste! Electronic devices are to be disposed according to the directive of electronic waste via the local collection point for electronic waste. The CE-sign is a free trade sign addressed exclusively to the authorities and doesn't warrant any properties

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11. Warranty

For warranty the legal regulations are applied. In case of a warranty claim please contact the dealer where you have bought the product.

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