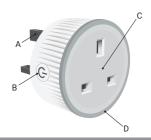




Wave Plug UK



LEGEND

- A: Plua B: S button
- C: Socket

D: LED indication ring (LED)

USER AND SAFETY GUIDE

Z-Wave™ smart plug with power measurement

This document contains important technical and safety information about the Device, its safe use and installation

CAUTION! Before beginning the installation, please read carefully and entirely this guide and any other documents accompany-ing the Device. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of law or refusal of legal and/or commercial guarantee (if any). Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this Device due to failure of following the user and safety instructions in this guide

TERMINOLOGY AND ABBREVIATIONS

Device - In this document, the term "Device" is used to refer to the Shelly Qubino device that is a subject of this guide.

Gateway (GW) - A Z-Wave™ gateway, also referred to as a Z-Wave™ controller, Z-Wave™ main controller, Z-Wave™ primary controller, or Z-Wave™ hub, etc., is a device that serves as a cen tral hub for a Z-Wave™ smart home network. The term "gateway" is used in this document

S button - The Z-Wave™ Service button, located on Z-Wave™ devices and is used for various functions such as adding (inclusion), removing (exclusion), and resetting the device to its factory default settings. The term "S button" is used in this document

ABOUT SHELLY QUBINO

Shelly Oubing is a line of innovative microprocessor-managed devices, which allow remote control of electric circuits with a smartphone, tablet, PC, or home automation system. They work on Z-Wave™ wireless communication protocol, using a gateway. When the gateway is connected to the internet, you can control Shelly Qubino devices remotely from anywhere. Shelly Qubino devices can be operated in any Z-Wave™ network with other Z-Wave™ certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regard-less of vendor to increase reliability of the network. Devices are designed to work with older generations of Z-Wave™ devices and

ABOUT THE DEVICE

The Device is a smart plug/outlet with power measurement and overheating protection, which allows remote control of electric appliances with a mobile phone, tablet, PC, or home automation

ISTALLATION INSTRUCTIONS

The Device can be plugged into standard BS 1363 (Type-G) sockets and accepts standard BS 1363 (Type-G) plugs.

in the power grid or any appliance connected to the Device may

the given max. load!

<u>∧ CAUTION!</u> Do not install the Device where it can get wet

CAUTION! Do not use the Device if it has been damaged! CAUTION! Do not attempt to service or repair the Device your-

ACAUTION! Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or in-

jury.

A CAUTION! Do not allow children to play with the device, especially with the S button. Keep the devices for remote control of

Shelly Qubino (mobile phones, tablets, PCs) away from children. CAUTION! The product is intended for indoor use only. CAUTION! Protect the product from dirt and moisture! Do not

use the product in a damp environment!

Plug the Device into a power socket without an appliance/load connected to it. Then plug the appliance/load into the Device socket. To turn on the appliance/load, briefly press the S button. The LED will turn green if the load is 0 W vellow if the load is between 0 W and 85% of the max. load, and red if the load is more

Z-WAVE™ ADDING / REMOVING / FACTORY RESET

Note! All Device outputs (0, O1, O2, etc. - depending on the Device type) will turn the load 1s on/1s off /1s on/1s off if the Device is

type) will call the road is 0 in 1,50 in 1,150 in 1 in the perice is successfully added to/removed from a 2-Wave" network.

Note! In case of Security 2 (S2) adding (finclusion), a dialog will appear asking you to enter the corresponding PIN Code (5 underlined digits) that are written on the 2-Wave" DSK label on the side of the Device and on the Z-Wave™ DSK label inserted in the packaging. IMPORTANT: The PIN Code must not be lost.

Adding the Device to a Z-Wave™ network (inclusion)

SmartStart adding (inclusion)

than 85% of the max, load,

SmartStart enabled products can be added into a Z-Wave™ network by scanning the Z-Wave™ QR Code present on the Device with a gateway providing SmartStart inclusion. No further action is required, and the SmartStart device will be added automatically within 10 minutes of being switched on in the network vicinity.

- 1. With the gateway application scan the QR code on the Device label and add the Security 2 (S2) Device Specific Key (DSK) to the provisioning list in the gateway.
- Plug the Device into a power socket.
 Check if the blue LED is blinking in Mode 1. If so, the Device is
- not added to a Z-Wave™ network.

 4. Adding will be initiated automatically within a few seconds after
- plugging the Device into a power socket, and the Device will be added to a 7-Wave™ network automatically.
- 5. The blue LED will be blinking in Mode 2 during the adding pro-
- 6. The green LED will be blinking in Mode 1 if the Device is successfully added to a Z-Wave™ network

Adding (inclusion) with the S button

- 1. Plug the Device into a power socket. 2. Check if the blue LED is blinking in Mode 1. If so, the Device is not added to a Z-Wave™ network.

 3. Enable add/remove mode on the gateway.
- 4. To enter the Setting mode, quickly press and hold the S button on the Device until the LED turns solid blue.
- . Quickly release and then press and hold (> 2s) the S button on the Device until the blue LED starts blinking in Mode 3. Releasing the S button will start the Learn mode*
- 6. The blue LED will be blinking in Mode 2 during the adding pro-7. The green LED will be blinking in Mode 1 if the Device is suc-
- cessfully added to a Z-Wave™ network *Learn mode - a state that allows the Device to receive network

rmation from the gateway.

Note! In Setting mode, the Device has a timeout of 10s before en-

Removing the Device from a Z-Wave™ network (exclusion)

Note! The Device will be removed from your Z-Wave™ network, but any custom configuration parameters will not be erased

Removing (exclusion) with the S button

- 1. Plug the Device into a power socket
- 2. Check if the green LED is blinking in Mode 1. If so, the Device is
- added to a Z-Wave™ network.

 3. Enable add/remove mode on the gateway.
- 4. To enter the Setting mode, quickly press and hold the S button on the Device until the LED turns solid blue.
- 5. Quickly release and then press and hold (> 2s) the S button on the Device until the blue LED starts blinking in Mode 3. Releasing the S button will start the Learn mode
- 6. The blue LED will be blinking in Mode 2 during the removing
- 7. The blue LED will be blinking in Mode 1 if the Device is success-

Note! In Setting mode, the Device has a timeout of 10s before en-

Factory reset

After Factory reset, all custom parameters and stored values , associations, routings, etc.) will return to their default state HOME ID and NODE ID assigned to the Device will be deleted. Use this reset procedure only when the gateway is missing or other-

Factory reset with the S button

Note! Factory reset with the S button is possible anytime.

- 1. To enter the Setting mode, quickly press and hold the S button on the Device until the LED turns solid blue.
- 2. Press the S button multiple times until the LED turns solid red. 3. Press and hold (> 2s) S button on the Device until the red LED starts blinking in Mode 3. Releasing the S button will start the factory reset.
- During factory reset, the LED will turn solid green for about 1s, then the blue and red LED will start blinking in Mode 3 for approx
- 5. The blue LED will be blinking in Mode 1 if the Factory reset is

Note! For more information about this Device refer to the Extended User Guide available at: https://kb.shelly.cloud/

LED SIGNALIZATION

LED blinking modes		
Mode 1	0,5s On/2s Off	
Mode 2	0,5s On/0,5s Off	
Mode 3	0,1s On/0,1s Off	
Mode 4	(1x to 7x - 0,2s On/0,2s Off) + 2s Off	
Mode 5	0,2s On blue/0,2s On red	

Normal mode	Colour	LED
	-	mode
Excluded/Removed	Blue	Mode 1
Included/Added	Green	Mode 1
Load 0 W	Green	Solid
Load between 0 W and 85% of the max. load	Yellow	Solid
Load > 85% of the max. load	Red	Solid
Setting mode (with S button)		
Adding/Removing (Inclusion/ Exclusion) menu selected	Blue	Solid
Adding/Removing (Inclusion/ Exclusion) menu - while pressing S button - Adding/ Removing (Inclusion/Exclu- sion) process selected	Blue	Mode 3
Factory reset menu selected	Red	Solid
Factory reset - while pressing S button - Factory reset process selected	Red	Mode 3
"Setting in progress" mode		
Factory reset and reboot	Blue/Red/Green	**
Adding/Removing (Inclusion/ Exclusion)	Blue	Mode 2
Checking power supply 230 V AC frequency or 24 V DC voltage	Blue/Red	Mode 5
OTA Firmware updating	Blue/Red	Mode 2
Alarm mode		
Overcurrent detected O	Red	Mode 4 (1x)
Overheat detected	Red	Mode 4 (2x)
Power supply fault (power supply 230 V AC frequency or 24 V DC voltage fault)	Red	Mode 4 (3x)
Overvoltage detected	Red	Mode 4 (7x)

** LED will turn solid green for about 1s, then the blue and red LED will start blinking in Mode 3 for approx. 2s.

TECHNICAL SPECIFICATIONS:

Power supply	230 V ±10%, 50/60 Hz
Power consumption	< 0,7 W
Power measurement (W)	Yes
Max. switching voltage AC	260 V
Max. switching current AC	13 A
Overheating protection	Yes
Overcurrent protection	Yes
Overvoltage protection	Yes
Distance	up to 40 m indoors (131 ft.)
Z-Wave repeater:	Yes
CPU	Z-Wave S800
Z-Wave frequency band	868,4 MHz
Maximum radio frequency power transmitted in frequency bend(s)	< 25 mW
Size (H x W x D)	60x60x56 ±0.5 mm / 2.36x2.36x2.20 ±0.02 in
Weight	74 ±1 g / 2.6 ±0.04 oz
Compatible sockets	BS 1363 (Type-G)
Compatible plugs	BS 1363 (Type-G)
Shell material	Plastic
Color	White
Ambient temperature	-20°C to 40°C / -5°F to 105°F
Humidity	30% to 70% RH
Max. altitude	2000 m / 6562 ft.

IMPORTANT DISCLAIMER

7-Waye™ wireless communication may not always be 100% reliable. This Device should not be used in situations in which life and/or valuables are solely dependent on its functioning. If the Device is not recognized by your gateway or appears incorrectly, you may need to change the Device type manually and ensure that your gateway supports Z-Wave Plus™ multi-channel devices.

CLEANING

ACAUTION! Before cleaning the Device power off the connected appliance by pressing the S button, unplug it and then unplug the Device itself. Never clean the Device if it is connected to the

<u>∧ CAUTION!</u> Use a wet soft cloth to clean the Device

CAUTION! Do not use aggressive detergents!

CAUTION! Do not immerse the Device or wash it under run-

DISPOSAL AND RECYCLING

This refers to the waste of electrical and electronic equipment. It is applicable in the EU, UK, US and other countries ment. It is applicable in the Eco, or, or or or other care to collect waste separately. This symbol on the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the product or in the accompanying literature indicates that the accompanying literature indicates the accompanying literat

should not be disposed of in the daily waste. Wave Plug UK must be recycled to avoid possible damage to the environment or human health from uncontrolled waste disposal and to promote the reuse of materials and resources. It is your responsibility to dispose of the device separately from general household waste when it is already unusable.

ORDERING CODE: QNPL-001X12UK

DECLARATION OF CONFORMITY

Hereby, Shelly Europe Ltd. (former Allterco Robotics EOOD) declares that the radio equipment type Wave Plug UK is in compliance with Directive 2014/53/ EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: https://shellv.link/WavePlugUK-DoC

MANUFACTURER:

Shelly Europe Ltd.

Address: 103 Cherni vrah Blvd., 1407 Sofia, Bulgaria

Tel.: +359 2 988 7435 E-mail: zwave-shellv@shellv.cloud

Support: https://support.shelly.cloud/

Web: https://www.shellv.com

Changes in the contact data are published by the Manufacturer at the official website: https://www.shellv.com



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