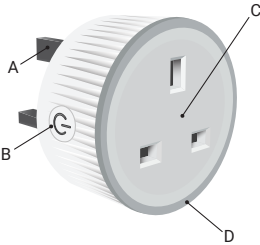




# Shelly

QUBINO

## Wave Plug UK



EN

### INSTALLATION INSTRUCTIONS

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

**⚠ CAUTION!** Use the Device only with a power grid and appliances that comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device may damage it.

**⚠ CAUTION!** Do not connect the Device to appliances exceeding the given max. load!

**⚠ CAUTION!** 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 yourself!

**⚠ CAUTION!** Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury.

**⚠ 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!

**⚠ CAUTION!** Do not plug Devices into each other!

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, yellow if the load is between 0 W and 85% of the max. load, and red if the load is more than 85% of the max. load.

### Z-WAVE® ADDING / REMOVING / FACTORY RESET

**Note!** All Device outputs (O, O1, O2, etc. - depending on the Device type) will turn the load 1s on/1s off / 1s on/1s off if the Device is successfully added/removed from a Z-Wave® network.

**Note!** In case of Security 2 (S2) adding (inclusion), a dialog will appear asking you to enter the corresponding PIN Code (5 underlined digits) that are written on the Z-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)

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.
2. Plug the Device into a power socket.
3. 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 Z-Wave® network automatically.
5. The blue LED will be blinking in Mode 2 during the adding process.
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.
  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 adding process.
  7. The green LED will be blinking in Mode 1 if the Device is successfully added to a Z-Wave® network.
- \*Learn mode - a state that allows the Device to receive network information from the gateway.

**Note!** In Setting mode, the Device has a timeout of 10s before entering again into Normal mode.

### 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 process.
7. The blue LED will be blinking in Mode 1 if the Device is successfully removed from a Z-Wave® network.

**Note!** In Setting mode, the Device has a timeout of 10s before entering again into Normal mode.

### Factory reset

After Factory reset, all custom parameters and stored values (kWh, 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 otherwise inoperable.

#### 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.
4. 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. 2s.
5. The blue LED will be blinking in Mode 1 if the Factory reset is successful.

**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
<b>Setting mode (with S button)</b>		
Adding/Removing (Inclusion/Exclusion) menu selected	Blue	Solid
Adding/Removing (Inclusion/Exclusion) menu - while pressing S button - Adding/Removing (Inclusion/Exclusion) process selected	Blue	Mode 3
Factory reset menu selected	Red	Solid
Factory reset - while pressing S button - Factory reset process selected	Red	Mode 3
<b>"Setting in progress" mode</b>		
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
<b>Alarm mode</b>		
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 band(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

Z-Wave® 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

**⚠ CAUTION!** 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 mains!

**⚠ CAUTION!** 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 running water!

### DISPOSAL AND RECYCLING

This refers to the waste of electrical and electronic equipment. It is applicable in the EU, UK, US and other countries to collect waste separately. This symbol on the product or in the accompanying literature indicates that the product 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://shelly.link/WavePlugUK-DoC>

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