Shelly *qubino* Wave 2PM

CONTROL TWO LIGHTS WITH A SINGLE DEVICE

Wave 2PM allows you to remotely control two lights or other electrical appliances and monitor their energy usage. Use the manual switch, smart home app, home automation system or voice control. Easy, convenient, and energy-efficient!

TRACK YOUR ENERGY USAGE AND SAVE MONEY

With Wave 2PM you can precisely measure power consumption for each channel separately (W) and together (W, kWh). Keep an eye on real-time consumption for the connected devices and adjust usage patterns to cut utility costs with ease!

CREATE SCHEDULES THAT FOLLOW YOUR DAILY ROUTINE

Enhance the energy efficiency of your home and simplify your daily life. Set your lights to turn on gradually every morning at 7 am or at sunset, if the house is occupied. This way, your home can automatically follow your daily routine and create an atmosphere that suits you at a particular moment of the day.

Z-Wave operated
Connect Wave 2PM to your Z-Wave network and control it remotely. It's compatible with all certified Z-Wave gateways.

Associations
Establish direct communication between devices in your Z-Wave local network and set custom actions with no hub present!

Power Monitoring
Wave 2PM provides precise power consumption monitoring on each channel separately and in total.

Wide range of voltage support
Use it to control a wide range of devices and appliances.

Smart schedules
Create personalized schedules aligned with your daily routine or synchronize with sunrise/sunset to manage your lighting (gateway required).
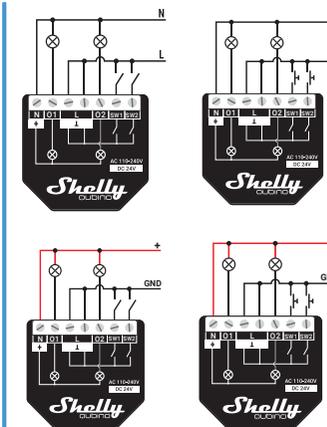
Smart scenes
Set custom scenes by combining Wave 2PM with any other Z-Wave devices (gateway required).

WHY SHELLY QUBINO WAVE 1PM?

Control and measure power consumption for a wide range of home appliances and office equipment (lights, power lines, security systems, heaters, water heaters, etc.) from anywhere.

TECHNICAL SPECIFICATIONS

Power supply	110-240 V AC / 24 V DC
Power consumption	< 0.3 W
Power measurement (W)	Yes
Max. switching voltage AC	240 V
Max. switching voltage DC	30 V
Max. switching current AC	10 A per channel, 16 A total, 18 A total peak
Max. switching current DC	10 A
Overheating protection	Yes
Distance	Up to 40 m indoors (depends on local condition)
Z-Wave™ repeater	Yes
CPU	Z-Wave™ S800
Z-Wave™ frequency band	868,4 MHz; 865,2 MHz; 869,0 MHz; 921,4 MHz; 908,4 MHz; 916 MHz; 919,8 MHz; 922,5 MHz; 919,7- 921,7-923,7 MHz; 868,1 MHz; 920,9 MHz
Maximum radio frequency power transmitted in frequency band(s)	< 25 mW
Dimensions (HxWxD)	37x42x16 mm
Ambient temperature	-20°C to 40°C
Mounting	Wall console

LEGEND
Device terminals:
- **N:** Neutral terminal
- **L:** Live terminals (110−240 V AC)
- **O1:** Load circuit 1 output terminal
- **O2:** Load circuit 2 output terminal
- **SW1:** Switch/push-button input terminal (controlling O1)
- **SW2:** Switch/push-button input terminal (controlling O2)
- **+:** 24 V DC positive terminal
- **⊥:** 24 V DC ground terminals
- **S:** S button

Wires:
- **N:** Neutral wire
- **L:** Live wire (110-240 V AC)
- **+:** 24 V DC positive wire
- **GND:** 24 V DC ground wire