PWR-LINE

Extending network over electric power lines



Introducing PWR-LINE, smart power adapters with built-in microUSB cable, to add Powerline functionality to existing routers. The PWR-LINE series devices allow Ethernet like connectivity between supported devices over regular electrical power lines. When plugged into the same electrical circuit, the PWR devices will establish Ethernet connectivity by using the Homeplug AV standard.

PWR-LINE

PL6400 and PL7400 are designed for MikroTik products with microUSB port, like hAP mini or hAP lite. Connect PL6400 or PL7400 to your electrical outlet and then connect the USB cable to power your supported MikroTik device. When doing the same with another PWR-LINE compatible device somewhere further in your premises, the devices will form a connection without needing to install any LAN cables.



Specifications

Product code	PL7400	PL6400
PLC chipset	AR7420	QCA6410
Memory	1 MB Flash	
pwr-line port type	microUSB	
pwr-line data rate	100 Mbit	
Cable type	USB	
Cable lenght	150 cm	
Supported input voltage	100 V - 240 V	
Dimensions	50 x 68 x 33 mm	
Operating temperature	-20°C .. +60°C	
Power plug type	Type C (commonly used in Europe, South America and Asia)	Type A (commonly used in USA, Canada, Mexico, Thailand)

IMPROTANT!

To enable PWR-LINE functionality, MikroTik device will need to have RouterOS v6.44 or newer software version installed. Please note that PWR devices must be connected via the same electrical phase circuit.

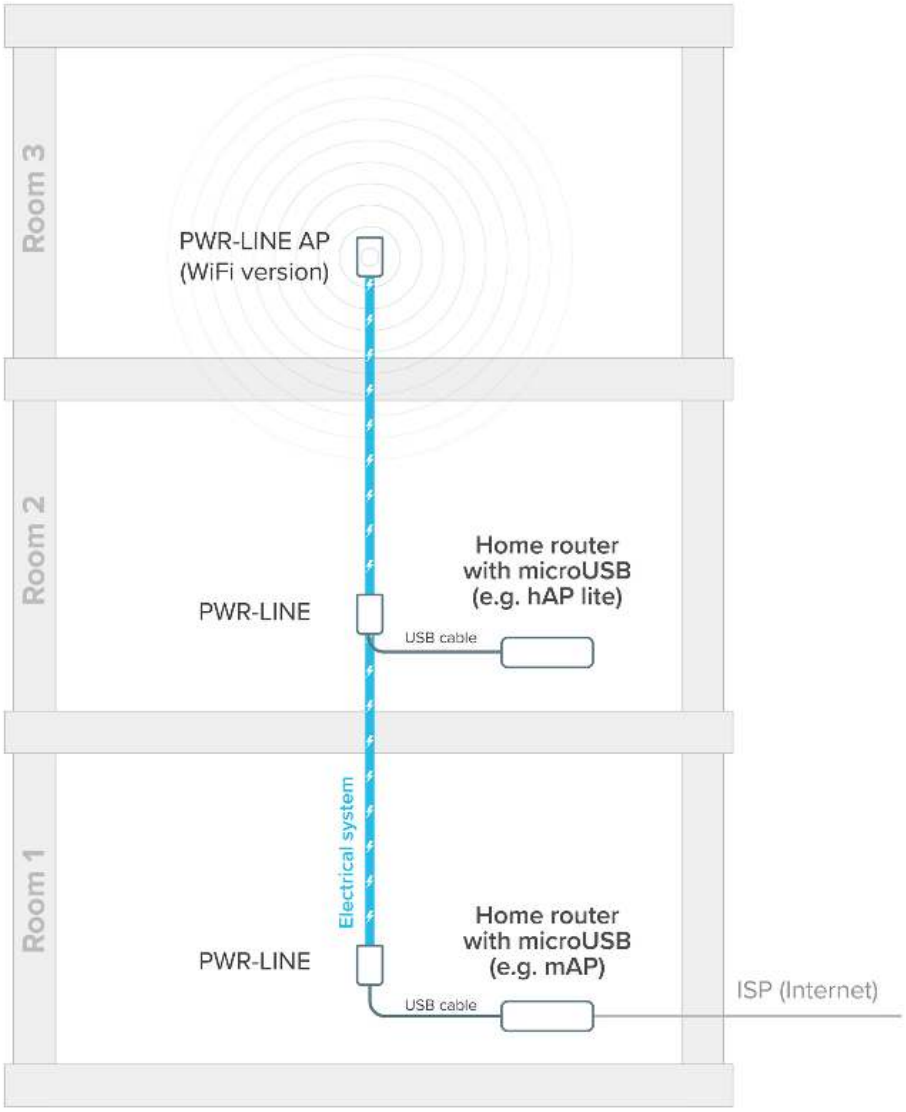
Supported devices

hAP lite (RB941-2nD), hAP lite tower (RB941-2nD-TC), hAP mini (RB931-2nD), mAP (RBmAP2nD) and mAP lite (RBmAPL-2nD). The device is also fully compatible with our PWR-LINE AP devices.

How it works

The PWR-LINE is a replacement power adapter for your microUSB powered MikroTik router. It's compatible with all the latest microUSB powered devices made by MikroTik, a simple software upgrade to v6.44+ enables this feature (supported by the mentioned devices with serial numbers that ends with /9xx. PWR-LINE functionality is also supported by some of previously manufactured units - if you have unit with serial number that ends with /8xx , upgrade to 6.44 and see if PWR-LINE interface shows up).

Simply take away the old microUSB power adapter, and replace it with the PWR-LINE adapter. The device is still powered from USB, but now it gains a new Ethernet interface, which works over the electrical grid. Connect another PWR-LINE device somewhere in your apartment, and the devices will be joined together, allowing you to extend wireless coverage, or simply ease connectivity between different rooms, without requiring you to lay any cabling.



Supported routers

