08818 Magic 2 WiFi 6 Starter Kit

Mesh Wi-Fi 6 | SOCKET | 2x GB LAN | 2400MBIT/S

Manufacturer: [DEVOLO](#)

Description

- Wi-Fi with Mesh
- OFDMA and MU-MIMO Technology
- Up to 2400 Mbps
- 2x Gigabit LAN
- Range up to 500 meters

The Magic 2 WiFi 6 revolutionises the Wi-Fi speed in your home! With 50 percent more Wi-Fi power than any Wi-Fi 5 PLC adapter, it reaches speeds of up to 1800 Mbps and makes this speed available to every user. Thanks to OFDMA, the channels are used with flexibility: Top-notch Wi-Fi for everyone – when sending or receiving and even when there are many users in parallel! Your Internet signal is distributed over Powerline technology at speeds of up to 2400 Mbps, directly over the electrical wiring and to any room. An adapter turns any power socket into an access point for high-performance multi-room Wi-Fi. And multiple devolo Magic adapters connect to each other automatically to form a comprehensive mesh network. For maximum connectivity, Magic 2 WiFi 6 is also equipped with two Gigabit LAN ports. It is the world's fastest Powerline adapter and its top-notch features make it a networking powerhouse for your home. Enjoy powerful mesh Wi-Fi throughout the home – for everyone!

Ports

Ethernet	2x RJ45
Integrated Socket	Type F (CEE 7/4) Ampacity: 16A Type E (CEE 7/5) Ampacity: 15A Type G (BS1363) Ampacity: 13A Type J (SEV 1011) Ampacity: 10A Network filter (2-80 MHz, -22 db to -45 db)
Plug	Type F (CEE 7/4) Type E+F (CEE 7/7) Type G (BS1363) Type J (SEV 1011)

Wi-Fi

Standards	Wi-Fi 4/5/6 (IEEE 802.11 a/b/g/n/ac/ax/k/v/r)
Radios	2,4GHz + 5GHz Dual Band Dual concurrent
Channels	2,4 GHz 1-13 5 GHz 36-48 (Indoor) 52-64 (DFS+TPC) 100-140 (DFS+TPC)
Channel widths	20/40/80 MHz
Streams	2x2 MIMO
Data rates	2,4 GHz up to 574 Mbps 5 GHz up to 1201 Mbps
Mode	Access Point

Powerline

Standards	G.hn (HomeGrid Forum)
Transmission speeds	2400 Mbps (MIMO) 1200 Mbps (SISO)
Range	500 m
Transmission frequency	2-86 MHz
Mode	Peer to Peer

Ethernet

Standards	IEEE 802.3 u/ab/s/az
Transmission speeds	10/100/1.000 Mbps
Auto MDI-X	Yes
QoS	Yes
IPv4 / IPv6	Yes / Yes

Buttons/LEDs

Wi-Fi (Button/LED)	Wi-Fi on/off WPS
Home (Button/LED)	Powerline connection
Reset (Button)	Reboot Reset Settings
LEDs switchable	Yes

Software Features

Guest Wi-Fi	Yes
Wi-Fi timing	Yes
Parental lock	Yes
Mesh Wi-Fi	Yes
Airtime Fairness	Yes
Access Point Steering	Yes
Wi-Fi encryption	WPA/WPA2/WPA3 Personal
WPS	PBC, PIN

Administration

Device website	Yes (Internet browser)
Home Network App	Yes (iOS/Android)
Cockpit software	Yes (Windows/MacOS/Linux)

Environment and physical data

Power consumption	Maximum: 12,4 W Typcial: 8,2 W Stand-By: 2,5 W
Power supply	196-250 V AC (50 Hz)
Temperature (Storage + Operating)	-25°C to 70°C • 0°C to 40°C
Dimensions (in mm, without socket)	152 x 76 x 40
Ambient conditions	10-90% Humidity (non-condensing)
Warranty (in years)	3
Accessories	Documentation: Printed Install Flyer Ethernet cable RJ45-RJ45

	Add-on adapter 08813 (UK)	Starter Kit 08818 (UK)	Multiroom Kit 08826 (UK)	Mesh Starter Kit 08931 (UK)	Mesh Multiroom Kit 08935 (UK)
EAN	4250059688131	4250059688186	4250059688261	4250059689312	4250059689350
Weight	584 g	904 g	1293 g	1080 g	1470 g
Dimensions	190 x 118 x 92 mm	188 x 231 x 92 mm	188 x 231 x 92 mm	188 x 231 x 92 mm	188 x 231 x 92 mm

WEEE additional information

Weight WEEE	374 g	640 g	1014 g	790 g	1165 g
Paper (Der Grüne Punkt)	175 g	225 g	240 g	225 g	240 g
Plastic (Der Grüne Punkt)	2 g	4 g	6 g	4 g	6 g
Other (Der Grüne Punkt)	0 g	0,2 g	0,2 g	0,2 g	0,2 g