



MicroLink dLAN ADSL Modem Router



ADSL HomePlug Router

- High-speed router with integrated HomePlug adapter and ADSL modem for data transfer via the household electricity circuit
- PCs in different rooms or on different floors are easily interconnected over the electrical wiring (one MicroLink dLAN HomePlug adapter per PC is required)
- The integrated HomePlug technology enables data transfer via the household 230V power supply
- No new network cables, no drilling, no dirt! PCs and other network components are easily connected to one another by using power sockets
- 4 PCs can be connected directly to the integrated switch via network cables
- Multiple PCs have shared access to a single ADSL connection
- Optimised access protection is provided by IP masquerading (NAT), the integrated firewall with its powerful filters, and comprehensive security functions
- Maximum security from interception thanks to DES_{pro} encryption over the electricity circuit
- Web configuration (English / German)
- 3-year warranty



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Now just one device comes into question for connecting multiple PCs to a DSL Internet connection: the MicroLink dLAN ADSL Modem Router. For the first time, this device combines ADSL modem, router, 4-port switch and HomePlug adapter in a single unit. The integrated HomePlug technology transforms the household electrical wires into a network. PCs in different rooms or on different floors of a house can be very easily connected to a DSL line—via the 230 V electricity circuit. Just plug the MicroLink dLAN ADSL Modem Router's power plug into the nearest wall socket—that's all you have to do. Laying network cables is simply not necessary. As it is a router, this device makes it easy for everyone in the small network to enjoy simultaneous surfing in the Internet.

PCs can also be connected to the MicroLink dLAN ADSL Modem Router in the conventional way. Up to 4 computers can be connected directly via network cable to the 4-port switch to share a DSL connection.

- **Versatile connectivity!** The MicroLink dLAN ADSL Modem Router gives you the choice of how to connect your PCs to the Internet. Via the electrical circuit or with network cables. Both options will work.
- **It's so easy to make the connection!** The integrated HomePlug technology of the MicroLink dLAN ADSL Modem Router gives you the convenience of a DSL connection that is extended onto every floor and into every room in the house. Data transfer takes place at up to 14 Mbps at a range of 200 metres via the household electricity supply. This lets you use the Internet from any room in the house.



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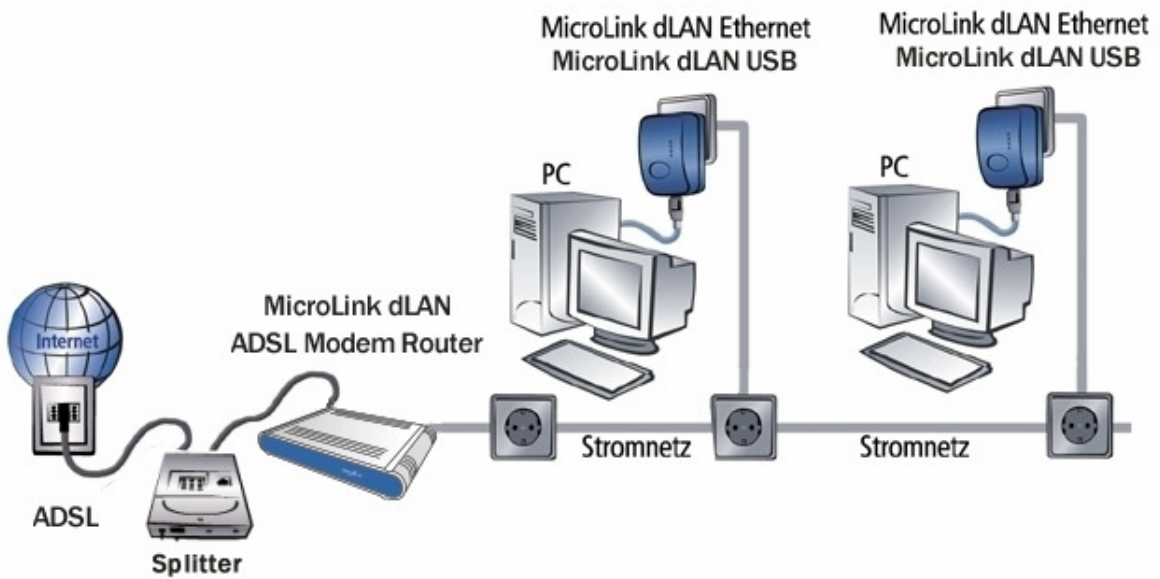
- **Make a small network!** The connected PCs form internal network with data transfer speeds of up to 100 Mbps, thanks to the integrated 4-port switch. As well as that, the network can be extended anywhere in the house via the electricity supply—without having to lay a single network cable. All you need is one MicroLink dLAN adapter per PC that is to be connected to the plug socket. This lets everybody share files and printers, or play exciting multi-player games—even without using the Internet.
- **Online fast and simple!** The web-browser configuration with installation wizard helps you find the best configuration for your ADSL Internet access. You can simply select your provider from a list, for example.
- **Meets the highest quality standards!** The products from devolo are subjected to a thorough German quality assurance. In this way, devolo assures the optimal functionality with operating systems, international versions, and protocols.
- **Security plays a big role!** The security of your PCs is assured with the help of IP masquerading (NAT), the integrated firewall with powerful filters, and a wide range of security functions.



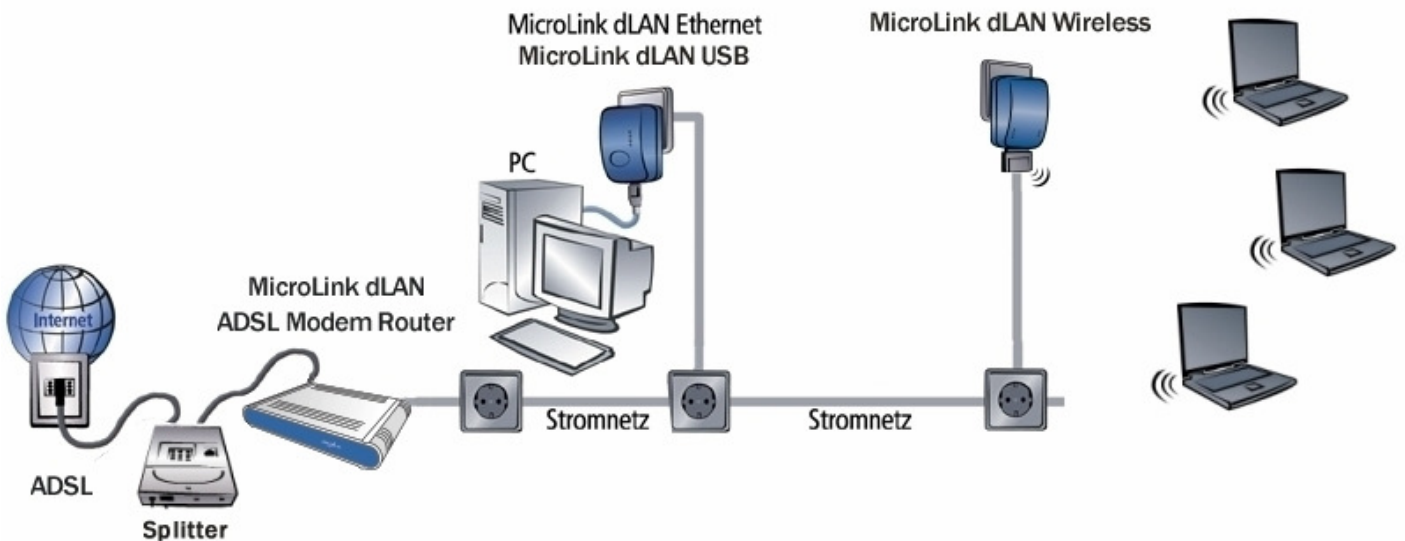
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Example application 1: PCs in different rooms of a house can be easily connected to a DSL connection via the 230V electrical wiring.



Example application 2: Wireless surfing without problems from thick walls.





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Technical details

WAN interface

ADSL standards	ADSL over ISDN (Annex B [Germany]) ITU G.992.1 (G.dmt) or: ADSL over POTS (Annex A) ANSI T1.413 Issue 2 ITU G.992.1 (G.dmt) ITU G.9920.2 (G.dmt)
WAN connection	Connector type: RJ11
Data transfer rates	WAN: download: up to 8 Mbps, upload: up to 1 Mbps
Ports	1 WAN

LAN interface

LAN standards	<ul style="list-style-type: none">Ethernet specification IEEE 802.3Fast-Ethernet specification IEEE 802.3uFull-duplex specification IEEE 802.3x
Protocols	CSMA/CD
Data transfer rates + range	<ul style="list-style-type: none">Switch: 10/100 Mbit/sdLAN: 14 Mbps, 200 m via electrical wiring
dLAN security	DES _{pro} encryption via power circuit
Ports	4 LAN with Auto MDI-X (LAN ports also work as uplink ports),
Computer interface	RJ45

Technical specifications

Power supply	230V / 6.5V DC specialised power adapter, 1.0A
Temperature	Storage: -25 °C – 70 °C (= (-13) °F - 158 °F) Operation: 0 °C – 40 °C (= 32 °F - 104 °F)
Environment	10–90% humidity (non-condensing)
Design	Plastic case
Dimensions	172 x 132 x 26 mm (width x depth x height)
Weight	??? g
Approvals	CE compliant in accordance with technical requirements for all EU countries and Switzerland: EN60950-1 : 2001 EN55022: 1998 + A1 : 2000 EN55022: 1998 + A1 : 2001



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Protocols and functions

LEDs	<ul style="list-style-type: none"> ▪ Power ▪ 4 status LEDs for Ethernet connections (Link / Act) ▪ 3 for WAN status (Connect / Link / Data) ▪ 1 status HomePlug connection (Act)
Diagnosis support	<ul style="list-style-type: none"> ▪ ADSL status table ▪ Down-/Upstream table ▪ LAN status table ▪ WAN status table ▪ ATM status table ▪ PPP status table ▪ TCP status table ▪ System log table ▪ Routing table
Firewall for protection from Internet attacks, such as:	<ul style="list-style-type: none"> ▪ IP spoofing ▪ Ping of Death ▪ Land attack ▪ Reassembly attack ▪ SYN flooding ▪ ICMP redirection ▪ Source routing ▪ Winnuke attack
Routing	Class C, 254 users
Protocols	<ul style="list-style-type: none"> ▪ PPP over Ethernet (RFC 2516) (can be deactivated) ▪ PPP over ATM (RFC 2364) ▪ IP over ATM: Bridged Ethernet/Routed IP (RFC 2225/2684) ▪ Classical IP over ATM (RFC 1577) ▪ ATM AAL 5 ▪ supports vpn pass-through (PPTP)
System requirements	CD-ROM drive For Internet access: ADSL from any telecommunications provider
Operating systems	includes, but not limited to, Windows [®] 98, Windows [®] Me, Windows [®] 2000, Windows [®] XP and all TCP/IP operating systems

Other

<ul style="list-style-type: none"> ▪ Firmware update from file ▪ On/off switch ▪ Factory-defaults button ▪ Alarm protocols ▪ DNS configuration ▪ FTP server ▪ TFTP server ▪ DMZ ▪ IGMP proxy ▪ PPP half-bridge ▪ Services filter ▪ Virtual server ▪ RIP configuration ▪ Time-zone selection ▪ ADSL configuration



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Sales information

Item numbers	01745 DE 01746 AT 01747 CH 01748 FR
EAN code	4250059617452 DE 4250059617469 AT 4250059617476 CH 4250059617483 FR
Warranty	3 years
Service & Support Hotline	Tel.: 0180-5338656 (Germany only) E-mail: support@devolo.de
On-site Service	Tel.: 01805-665066 (Germany only)
Sales Infoline	Tel.: +49 (0)241-1827979 Fax: +49 (0)241-1827997 E-mail: vertriebsinfo@devolo.de
Packaging size	188 x 302 x 115 mm (height x width x depth)
Accessories	Modem – splitter – connection: telephone cable (RJ11 – RJ 45) 5m Power adapter: 230V / 6.5V DC specialised power adapter, 1.0A Documentation: printed manual CD-ROM: Manual PDF, Installation Help, configuration software for Windows 98, Windows 2000, Windows Me, Windows XP and Linux