



MicroLink dLAN Audio



Easy Music Streaming!

HomePlug dLAN Audio adapter for streaming music (MP3 & Internet radio) over your existing household power circuit

- MicroLink dLAN* Audio for streaming music all around the house over your existing electrical wiring circuit (*dLAN = Direct LAN)
- The easiest music streaming solution into any room or onto any floor in the house, simply by connecting a MicroLink dLAN Ethernet adapter to a PC (MP3 storage) and the MicroLink dLAN Audio adapter to a HiFi - stream your stored MP3s or Internet radio to wherever you want to listen! (Requires existing devolo MicroLink dLAN adapter to complete dLAN home network.)
- You can even connect the MicroLink dLAN Audio adapter to a set of active speakers in any other room - there are lots of flexible combinations available at every electrical power socket.
- No new cables to lay, no drilling, no mess!
- Just use any power socket throughout the house to access your music collection – from the attic, cellar or garden shed!
- MP3 playback in 192kbps stereo quality
- Need another room with music? Just add another MicroLink dLAN Audio!
- Audio transmission even without a PC - from your hi-fi into any other room. (Needs 2nd MicroLink dLAN Audio)
- Includes dedicated plug-ins for Windows Media Player and Winamp
- Ranges of up to 200 metres – no problem with thick concrete walls and multi-floors
- Security from eavesdroppers with automatic DESpro encryption (Password protected)
- 3 year warranty

The latest addition to devolo's award winning range of HomePlug products now bridges the gap between PC home networking and audio. A true innovation with all the advantages of HomePlug technology: no cables, more flexibility and true Plug&Play. The MicroLink dLAN Audio can be plugged into any power socket in the house, and communicates with any number of music sources over your existing household power circuit: With the HiFi in the living room or the multi-media PC in your study; with Internet radio or with an MP3 file server - any sound source can be streamed anywhere in the house. As with all devolo HomePlug adapters, it's dead easy: Plug it into a power socket and use the audio input or output sockets to connect it to the audio devices. Even four separate channels can be pre-programmed when devolo's own plug-ins for Windows Media Player or Winamp are used in combination with a MicroLink dLAN Ethernet adapter... and all that in 192kbps stereo quality! As MicroLink dLAN adapters communicate over your existing electricity network, they are particularly well suited to old buildings and houses; MicroLink dLAN adapters don't suffer from typical WLAN obstacles like thick walls and multi-floors.



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[Music in CD quality from any power socket. Connections include: 6 RCA connectors: 2 x line in, 2 x line out, 1 x SPDIF in (digital input), 1 x SPDIF out (digital output) 2 buttons on the front; 1 for channel selection (4 audio channels available) and the 2nd for the record/play functions (music can be fed into the device, or it can play it back) 2 mini-jack sockets on the side for PC loudspeakers and microphone]

Enjoy the benefits of the MicroLink dLAN Audio:

- **Powerful and versatile** The MicroLink dLAN Audio combines the technologies of HomePlug and MP3 to offer you many advantages for convenient music and speech streaming onto every floor, and into any room in your house. This product lets you enjoy music in quality stereo from any power socket—easily and flexibly—with data rates of 192 kbps.
- **Comprehensive package content!** Includes: 1x MicroLink dLAN Audio adapter, and the cables you need to get started immediately. (Requires existing MicroLink dLAN adapter to complete network)
- **Simple connection and operation!** No new cables to lay, no drilling, no mess! Music streaming to any power socket in the house. Simply plug a MicroLink dLAN Ethernet into a power socket and connect it to your PC. Just plug the MicroLink dLAN Audio in and you can listen to MP3s on your stereo system or active speakers.
- **Safe, secure and doesn't interfere!** HomePlug technology uses the household electricity meter as a natural barrier from eavesdroppers. Additional maximum security is provided using DES_{pro} encryption. Whereas thick walls and floors can cause severe interference for wireless connections (e.g. Wi-Fi™, Wireless LAN), the performance of HomePlug is unaffected. The exposure to electromagnetic waves for family at home, or for employees in the office is also reduced.
- **Meets the highest quality standards!** devolo products are all subjected to thorough German quality testing & assurance; therefore devolo assures optimal functionality with all leading operating systems, international specifications and protocols. **3 Year Warranty.**



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What is HomePlug and what are its advantages?

HomePlug technology uses your existing household power supply mains as a communications medium for data and music, allowing you to easily expand your network connectivity options without drilling or making a mess.

You can access the network from any electrical power socket anywhere in your house. Enjoy complete freedom in choosing the location of your home/ office and change it at any time you wish. Particularly well suited to old buildings and houses, MicroLink dLAN adapters don't suffer from typical WLAN obstacles like thick walls and multi-floors.

The entire devolo dLAN® product family is compatible with the International HomePlug standard and can be flexibly combined to suit your individual requirements. There's no easier option for home networking!

Complete package contents:

- MicroLink dLAN Audio adapter – dedicated HomePlug adapter for music/ voice streaming over your existing household electricity mains circuit.
- Stereo cinch (RCA) phono cable (1.5m)
- Manual (printed and on CD-ROM)
- devolo configuration and installation software for Windows
- devolo software: MicroLink Informer, MicroLink EasyShare and MicroLink EasyClean
- 3 year warranty

Minimum System Requirements:

- Computer: A PC with at least 200MHz. Approximately 10Mb disk space for the installation process. CD-ROM drive. RAM: a minimum of 16Mb.
- Windows® 98, Windows® Me, Windows® 2000 and Windows® XP
- Existing devolo MicroLink dLAN Ethernet adapter connected to a PC for streaming music to the MicroLink dLAN Audio, or another MicroLink dLAN Audio for streaming between two home audio devices. (HomePlug dLAN networks require at least 2 HomePlug dLAN adapters to create network)
- Internet service provider (ISP) for broadband Internet access (Internet radio)
- HiFi or active speakers for music output

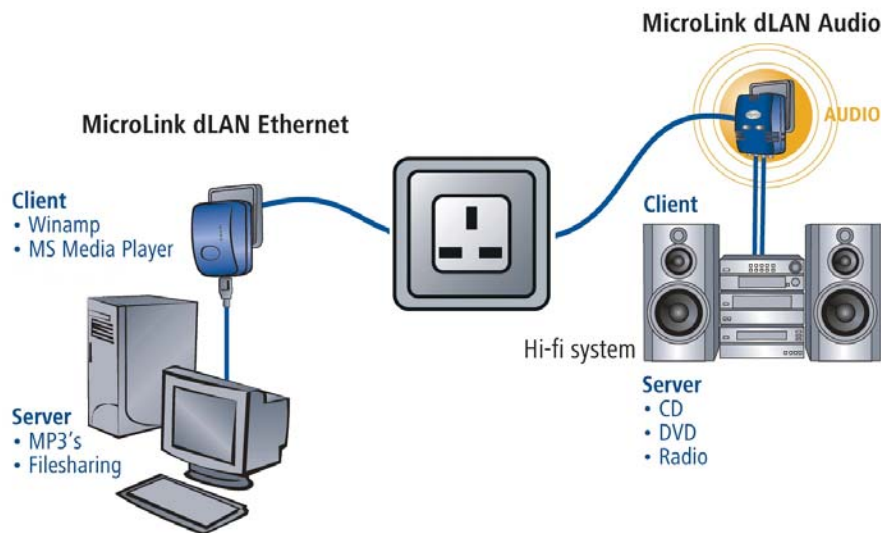


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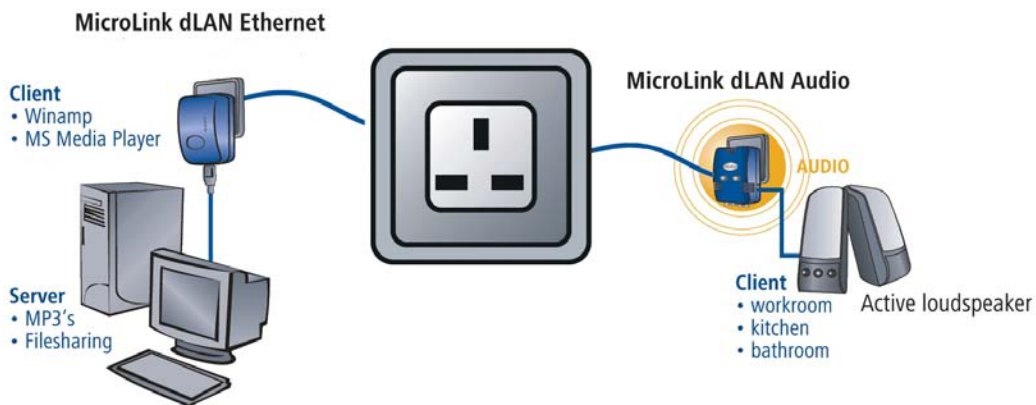


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Audio application 1: PC streaming music (MP3s or Internet radio) to Hi-Fi



Audio application 2: PC streaming music (MP3s or Internet radio) to active speakers



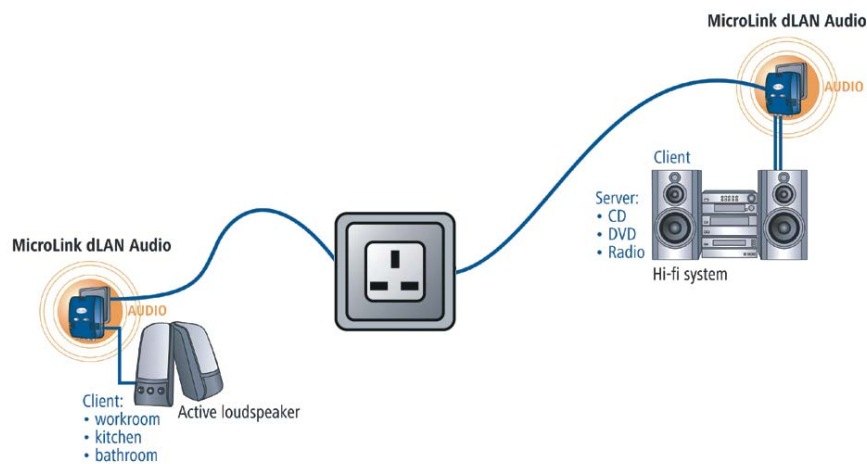


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Audio application 3: Streaming music from Hi-Fi to active speakers





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Technical details:

Standards	<ul style="list-style-type: none"> ▪ Compatible to the HomePlug standard ▪ MP3 decoder / encoder ▪ Compatible to Internet radio
Protocols	CSMA/CD via power circuit
MP3 data rate	192 kbps (variable) stereo/ audio
Transfer method	Asynchronous via power circuit
Network buffer	Ø 3 sec.
Modulation	OFDM-84 carrier (orthogonal frequency division multiplexing) via power circuit
Range	Up to 200m via power circuit
Security	DES _{pro} encryption via power circuit
LEDs	8 LEDs: Power 4 x channel Encoder/Decoder dLAN Link dLAN Act
dLAN connection	UK power plug
Audio interface	Connection: <ul style="list-style-type: none"> ▪ Line in: 2 x RCA <ul style="list-style-type: none"> - Signal-to-noise ratio analogue in: 74dB(A) - Input total harmonic distortion (THD): 0.01% @ 1kHz ▪ Line out: 2 x RCA, 1x mini-jack <ul style="list-style-type: none"> - Signal-to-noise ratio analogue out: 94dB(A) - Output total harmonic distortion (THD): 0.003% @ 1kHz (RL > 1k Ohm) ▪ 1 x Mic in <ul style="list-style-type: none"> - Electric microphone (mini-jack socket), mono ▪ SPDIF in: 1 x RCA <ul style="list-style-type: none"> - Stereo 44.1kHz ▪ SPDIF out: 1 x RCA <ul style="list-style-type: none"> - Stereo 44.1kHz, unsymmetrical, 0.5V @ 75 Ohm
Function buttons	<ul style="list-style-type: none"> ▪ Button 1: channel selector (4 channels) ▪ Button 2: encoder / decoder ▪ Button 1 + button 2: factory reset
Power consumption	6 W (max.)
Power supply	Integrated supply from plug socket <ul style="list-style-type: none"> ▪ Rated voltage: 230 V AC ▪ Rated current: 0.045 A ▪ Rated frequency: 50/60 Hz
Temperature	Storage: -25 °C – 70 °C Operation: 0 °C -40 °C



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Environment	10–90% humidity (non-condensing)
Operating systems	Configuration software and plug-in software for Windows® 98, Windows® Me, Windows® 2000 & Windows® XP
Other	HTML configuration interface English / German
Approvals	CE compliant in accordance with all technical requirements for all EU countries and Switzerland: EN 60950-1 :2001 EN 55022 :1998+A1 :2000 and Expert Opinion by Competent Body MEC (CE0682) EN 55024 :1998 +A1:2000

Sales information:

Product Number	1156
EAN code	4250059611566
Warranty	3 years
Technical Support Hotline	Tel.: 0870 225 6067 Email: support@devolo.co.uk
Sales	Tel.: +44 (0)1865 244141 Email:sales@devolo.co.uk Web: www.devolo.co.uk
Model	Wall plug plastic housing
Measurements	100 x 70 x 56 mm (height x width x depth)
Weight	950g
Packaging size	188 x 234 x 71 mm (height x width x depth)
Accessories	<ul style="list-style-type: none">Documentation: printed installation guideCD-ROM: PDF manual, configuration software for Windows 98, Windows 2000, Windows Me and Windows XP, monitoring tool Informer, plug-ins for Winamp and Windows Media Player