Devolo 8287

Devolo Magic 1 LAN Powerline Adapter Instruction Manual

Model: 8287 | Brand: Devolo

1. Introduction

The Devolo Magic 1 LAN Powerline Adapter extends your internet connection to any room using your home's electrical wiring. This adapter provides a stable and fast network connection for your devices, ideal for streaming, gaming, and general internet use where Wi-Fi signals may be weak or unreliable. This manual provides essential information for the safe and efficient use of your Devolo Magic 1 LAN adapter.

Package Contents:

- 1x Devolo Magic 1 LAN Powerline Adapter (Model 8287)
- Instruction Manual (this document)
- Ethernet Cable (may vary by package)

2. Safety Information

Please read these safety instructions carefully before using the device to prevent damage to the product or injury to yourself. Keep this manual for future reference.

- **Electrical Safety:** Only connect the adapter to a properly grounded electrical outlet. Do not open the device casing. Refer all servicing to qualified personnel.
- **Environmental Conditions:** Do not expose the device to moisture, extreme temperatures, or direct sunlight. Use indoors only.
- **Plug Compatibility:** This adapter is designed for specific regional electrical outlets (e.g., DE/AT standards as indicated by some product descriptions). Ensure the plug type is compatible with your local electrical outlets before use. Using an incompatible plug type or an adapter without proper grounding may pose a safety risk.
- **Interference:** Avoid plugging the adapter into power strips, extension cords, or surge protectors, as this can reduce performance or cause interference. Plug directly into a wall outlet.

3. Product Overview

The Devolo Magic 1 LAN adapter is a compact device designed to seamlessly integrate into your home environment. It features an integrated electrical socket, ensuring that no power outlet is lost when the adapter is in use.



Figure 1: Front view of the Devolo Magic 1 LAN Powerline Adapter, illustrating the integrated electrical socket at the top and the Ethernet port at the bottom.



Figure 2: Side view of the Devolo Magic 1 LAN Powerline Adapter, highlighting its compact design and the electrical prongs for wall outlet

connection.

Key Features:

- High-speed data transfer up to 1200 Mbps over powerline.
- Integrated electrical socket for convenience.
- Ethernet port for connecting network-enabled devices.
- Automatic pairing for easy setup.

4. Setup

Setting up your Devolo Magic 1 LAN adapter is a straightforward process. You will need at least two Devolo Magic adapters to create a powerline network.

Initial Installation Steps:

1. **Connect the First Adapter:** Plug one Devolo Magic 1 LAN adapter directly into a wall outlet near your internet router.
2. **Connect to Router:** Use an Ethernet cable to connect the adapter's Ethernet port to a free LAN port on your internet router.
3. **Connect the Second Adapter:** Plug the second Devolo Magic adapter (or another Magic 1 LAN adapter) into a wall outlet in the room where you need internet access.
4. **Pairing:** The adapters should automatically establish a secure connection. If they do not pair automatically, press the pairing button on the first adapter (connected to the router) for approximately 1 second, then within 2 minutes, press the pairing button on the second adapter for approximately 1 second. The LED indicators will confirm a successful connection.
5. **Connect Your Device:** Use an Ethernet cable to connect your computer, smart TV, game console, or other network-enabled device to the Ethernet port of the second Devolo Magic 1 LAN adapter.



Figure 3: Illustration of a typical powerline network setup, demonstrating how adapters use existing electrical wiring to extend network coverage throughout a home.

5. Operating

Once installed, your Devolo Magic 1 LAN powerline network operates automatically. The adapters continuously provide a stable network connection.

LED Indicators:

- **Power LED (usually a house symbol):**
  - *Solid White:* Device is powered on and connected to the powerline network.
  - *Flashing White:* Device is in pairing mode or establishing a connection.
  - *Off:* Device is not powered or has a fault.
- **LAN LED (usually an Ethernet symbol):**
  - *Solid White:* An Ethernet device is connected and active.
  - *Flashing White:* Data is being transmitted via the Ethernet port.
  - *Off:* No Ethernet device is connected or active.



Figure 4: Example of a powerline network supporting multiple users and devices across different rooms for various activities like streaming and working.

6. Maintenance

The Devolo Magic 1 LAN adapter requires minimal maintenance to ensure optimal performance and longevity.

- **Cleaning:** Disconnect the adapter from the power outlet before cleaning. Use a soft, dry, lint-free cloth to wipe the exterior. Do not use liquid cleaners, aerosols, or solvents.
- **Firmware Updates:** Periodically check the Devolo website for firmware updates. Updates can improve performance, add features, or fix bugs. Follow the instructions provided by Devolo for any firmware update process.
- **Storage:** If storing the device for an extended period, ensure it is kept in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your Devolo Magic 1 LAN adapter, refer to the following common problems and solutions:

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No Power LED / Adapter not turning on.	Ensure the adapter is securely plugged into a working wall outlet. Test the outlet with another device.
Power LED is flashing, but no network connection.	The adapters may not be paired. Press the pairing button on one adapter, then on the other within 2 minutes. Ensure both adapters are on the same electrical circuit.
Slow network speed or intermittent connection.	Avoid plugging adapters into power strips, extension cords, or surge protectors. These can interfere with the powerline signal. Try plugging directly into a wall outlet. Large electrical appliances (e.g., washing machines, refrigerators) on the same circuit can also cause interference.
LAN LED is off, but adapter is powered.	Check the Ethernet cable connection between the adapter and your device/router. Try a different Ethernet cable. Ensure the connected device is powered on and its network interface is active.
Adapter plug does not fit my wall outlet.	The Devolo Magic 1 LAN adapter is designed for specific regional plug standards (e.g., German/Austrian Schuko type). If your local outlets differ (e.g., French E-type), the adapter may not be compatible or may require a specific adapter that maintains grounding. Consult your retailer or Devolo support for regional compatibility. **Do not modify the plug or use ungrounded adapters, as this can be a safety hazard.**

8. Specifications

Feature	Detail
Brand	Devolo
Model Number	8287
Data Transfer Rate	Up to 1200 Mbps (Powerline)
Hardware Interface	Ethernet
Compatible Devices	Computer, Smart TV, Game Consoles, Network-enabled devices
Operating System Compatibility	Android, Linux (general compatibility for network devices)
Color	White
ASIN	B07HHK8KZQ

9. Warranty and Customer Support

Devolo products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Devolo website.

If you require further assistance, technical support, or have questions not covered in this manual, please contact Devolo customer support through their official website or the contact information provided with your purchase. Please have your model number (8287) and purchase details ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question