

devolo 8254

devolo Magic 2 LAN 2400 Mbps Powerline Adapter Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your devolo Magic 2 LAN 2400 Mbps Powerline Adapter. The devolo Magic 2 LAN adapter utilizes G.hn technology to extend your internet connection through your home's existing electrical wiring, providing high-speed network access in any room with a power outlet.

Key features include a data transfer rate of up to 2400 Mbps and a Gigabit LAN port for connecting network-enabled devices. This adapter is compatible with all devolo Magic series devices but is not compatible with older dLAN series adapters.

2. SAFETY INSTRUCTIONS

- Always plug the adapter directly into a wall power outlet. Avoid using power strips, extension cords, or surge protectors, as these can interfere with performance.
- The device is designed for indoor use only. Do not expose it to moisture, extreme temperatures, or direct sunlight.
- Do not open the device casing. There are no user-serviceable parts inside. Opening the device will void the warranty.
- Keep the device away from children and pets.
- Ensure adequate ventilation around the adapter. Do not cover it.

3. PACKAGE CONTENTS

The devolo Magic 2 LAN 2400 Mbps Powerline Adapter package includes:

- 1 x devolo Magic 2 LAN Powerline Adapter
- 1 x Ethernet (LAN) cable

4. PRODUCT OVERVIEW

The devolo Magic 2 LAN adapter is designed for ease of use and seamless integration into your home

network. It features a Gigabit Ethernet port for connecting your devices and an integrated power socket to ensure no power outlet is lost.



The image displays the devolo Magic 2 LAN adapter, a white rectangular device with a UK-style power plug on the back. The front features an integrated power socket, and the bottom has a Gigabit Ethernet port. The 'devolo' logo is visible on the top surface.

Key Components:

- **Power Plug:** For connecting the adapter to a wall power outlet.
- **Integrated Power Socket:** Allows you to plug another electrical device into the adapter, ensuring the power outlet remains available.
- **Gigabit Ethernet Port:** Connects your network devices (e.g., computer, smart TV, gaming console) to the adapter using an Ethernet cable.
- **LED Indicator:** Provides status information about the adapter's operation and network connection.

5. SETUP

Setting up your devolo Magic 2 LAN adapter is a straightforward process:

1. Connect the First Adapter:

- Plug one devolo Magic 2 LAN adapter directly into a wall power outlet near your internet router.
- Connect this adapter to your internet router using the provided Ethernet cable.

2. Connect Additional Adapters:

- Plug any additional devolo Magic 2 LAN adapters directly into wall power outlets in the rooms where you require internet access.
- Connect your network-enabled devices (e.g., computer, smart TV, gaming console) to these adapters using Ethernet cables.

3. Automatic Pairing:

The devolo Magic adapters typically pair automatically within a few minutes. If the adapters do not connect automatically, you may need to manually pair them. Refer to the 'Pairing Adapters' section in the full user manual available on the devolo website for detailed instructions.

6. OPERATING

Once set up, your devolo Magic 2 LAN adapters will create a high-speed network connection using your home's electrical wiring.

LED Indicator Status:

- **Solid White:** The adapter is powered on and connected to the powerline network.
- **Flashing White:** The adapter is establishing a connection or undergoing a firmware update.
- **Solid Red:** The adapter is powered on but not connected to the powerline network.
- **Off:** The adapter is not powered on.

For optimal performance, ensure adapters are plugged directly into wall outlets and avoid placing them near devices that generate significant electrical noise (e.g., motors, dimmers).

7. MAINTENANCE

To ensure the longevity and optimal performance of your devolo Magic 2 LAN adapter:

- **Cleaning:** Clean the adapter with a dry, soft, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the official devolo website for available firmware updates. Keeping your adapter's firmware up-to-date ensures the best performance and security.
- **Storage:** If storing the adapter, keep it in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your devolo Magic 2 LAN adapter, consider the following troubleshooting steps:

- **No Network Connection:**
 - Ensure all adapters are securely plugged into wall outlets.
 - Verify that the Ethernet cables are correctly connected to both the adapter and your router/device.
 - Check the LED indicator on the adapter. If it's red, the adapter is not connected to the powerline network. Try re-pairing.
- **Slow Connection Speed:**
 - Ensure adapters are not plugged into power strips, extension cords, or surge protectors.
 - Try plugging the adapters into different wall outlets.
 - Avoid placing adapters near large electrical appliances that might cause interference.
 - Ensure your electrical wiring is in good condition.
- **Adapters Not Pairing:**
 - Press the pairing button on one adapter for approximately 1 second, then within 2 minutes,

press the pairing button on the other adapter for approximately 1 second. The adapters should then pair.

- If issues persist, perform a factory reset on both adapters (refer to the full manual for specific reset procedures).

For further assistance, please visit the official devolo support website.

9. SPECIFICATIONS

Model Number	8254
Data Transfer Rate	2400 Megabits Per Second (Mbps)
Hardware Interface	Ethernet
Data Link Protocol	Ethernet
Product Dimensions (L x W x H)	1.65 x 2.6 x 5.12 inches
Item Weight	9.3 ounces
Color	White
Compatible Devices	Desktop, Laptops, Smart TVs, Gaming Consoles, Network Printers, etc.
Technology	G.hn Powerline

10. WARRANTY AND SUPPORT

devolo products are designed for reliability and performance. For detailed information regarding the warranty period and terms for your devolo Magic 2 LAN adapter, please refer to the warranty information provided with your purchase or visit the official devolo website.

For technical support, frequently asked questions, and additional resources, please visit the devolo support section on their official website. You can find contact information for customer service there if further assistance is required.