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› ElecMoga 1300Mbps USB WiFi Adapter User Manual

## ElecMoga M-18E

# ElecMoga 1300Mbps USB WiFi Adapter User Manual

Model: M-18E

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## 1. INTRODUCTION

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This user manual provides comprehensive instructions for the ElecMoga 1300Mbps USB WiFi Adapter. This device is designed to provide high-speed wireless connectivity for your desktop PC or laptop, supporting dual-band 5GHz and 2.4GHz networks. It features a USB 3.0 interface and a 5dBi antenna for enhanced signal reception and transmission.



Image: The ElecMoga 1300Mbps USB WiFi Adapter, showcasing its compact design and dual external antennas.

## 2. SAFETY INFORMATION

- Keep the device away from water, fire, high temperatures, and corrosive environments.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified personnel for service.
- Ensure proper ventilation around the device during operation.
- Use only with compatible USB ports (USB 3.0 recommended for optimal performance).

### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- ElecMoga 1300Mbps USB WiFi Adapter
- User Manual (this document)
- Driver CD (for systems not supporting plug-and-play)

### 4. PRODUCT OVERVIEW

The ElecMoga USB WiFi Adapter is designed for optimal wireless performance. Key features include:

- **1300Mbps High Speed:** Up to 867Mbps on 5GHz band and 400Mbps on 2.4GHz band.
- **USB 3.0 Interface:** Provides data transfer speeds up to 10 times faster than USB 2.0.
- **Dual 5dBi High-Gain Antennas:** Enhances signal reception and transmission, offering wider range and stable connection. The antennas are 180° rotatable for optimal signal alignment.
- **Dual Band Support:** Operates on both 2.4GHz and 5GHz frequencies for versatile connectivity.



Image: Visual representation of the adapter's key features, including speed, dual-band capability, and USB 3.0.

# Blazing Fast USB 3.0

Make sure your Wi-Fi connection is faster and more stable.

**USB 3.0**  

**USB 2.0**  

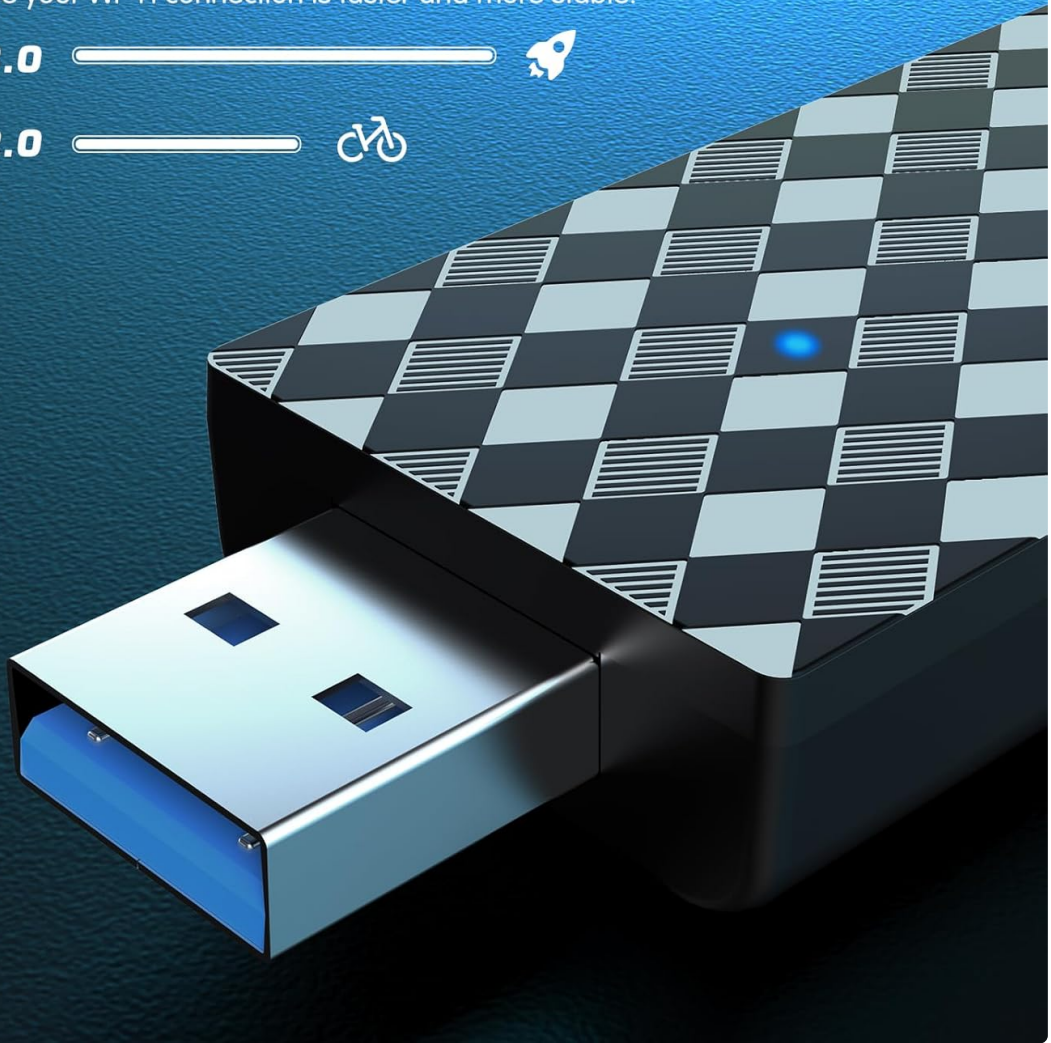


Image: A close-up view highlighting the USB 3.0 interface, emphasizing its faster data transfer capabilities.

# 5dBi High-Gain Wifi Antenna

Strong signal on multiple walls and floor



Image: The adapter with its 5dBi high-gain antennas, illustrating improved signal penetration through obstacles.

## 5. SETUP

### 5.1 System Requirements

- Operating Systems: Windows 11/10/8.1/8/7, Mac OS 10.9-10.15.
- Available USB port (USB 3.0 recommended).

# Compatibility

\*Note: Doesn't support Macbook with M1/M2 chip.



Image: A compatibility chart indicating supported operating systems for the adapter.

## 5.2 Installation Steps

- 1. Insert the Adapter:** Plug the ElecMoga USB WiFi Adapter into an available USB port on your desktop PC or laptop. For desktop computers, it is recommended to use a USB port on the back of the case to ensure sufficient power supply and stable network performance.
- 2. Driver Installation:**
  - **Windows 11/10:** The adapter is typically plug-and-play and driver-free. Your system should automatically detect and install the necessary drivers.
  - **Other Windows Versions (8.1/8/7) & Mac OS:** If the driver does not install automatically, insert the provided driver CD into your computer's CD-ROM drive and follow the on-screen instructions to install the driver. Alternatively, you can download the latest driver from the official ElecMoga support website.
- 3. Connect to WiFi:** Once the driver is installed, open your computer's network settings. Select your desired WiFi network from the list of available networks and enter the password to connect.
- 4. Adjust Antenna:** For optimal signal strength, rotate the 5dBi antennas. It is recommended to tilt the antenna 40-60 degrees to achieve better WiFi signal reception.

## 6. OPERATING INSTRUCTIONS

## 6.1 Connecting to a Wireless Network

After successful driver installation, your computer will recognize the USB WiFi adapter as a wireless network device. You can then connect to any available WiFi network as you normally would with your operating system's network settings.

## 6.2 Using Soft AP Function (Wi-Fi Hotspot)

The ElecMoga USB WiFi adapter supports Soft AP mode, allowing you to turn your wired internet connection into a Wi-Fi hotspot. This feature is useful for sharing your internet connection with other wireless devices like smartphones, tablets, or other laptops.

1. Ensure your computer is connected to the internet via an Ethernet cable.
2. Install the necessary software for Soft AP mode (usually included with the driver package or available for download).
3. Activate the Soft AP function through the software interface. You can then configure the hotspot name (SSID) and password.
4. Other devices can now connect to your computer's Wi-Fi hotspot.

# Receive & Launch WIFI

## Receive WIFI

Connect your desktop to WiFi



## Launch WIFI

Connect your phone to internet

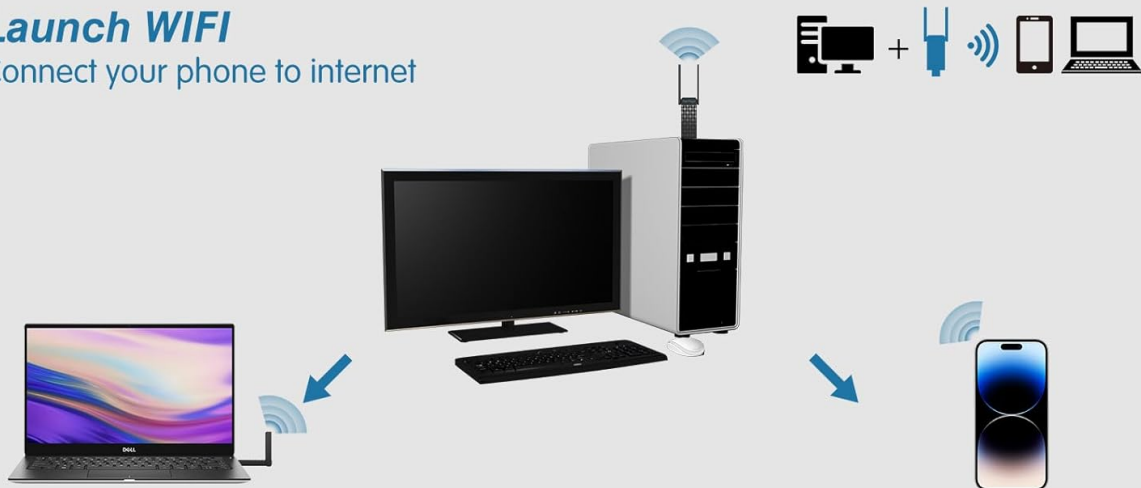


Image: A diagram showing the adapter's dual functionality: receiving WiFi for a desktop and creating a WiFi hotspot for other devices.

## 6.3 Official Product Video

Your browser does not support the video tag.

Video: An official product video demonstrating the features and benefits of the ElecMoga USB WiFi Adapter, including its dual-band capabilities and high-gain antennas.

## 7. MAINTENANCE

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid bending or applying excessive force to the antennas or the USB connector.
- Store the adapter in a cool, dry place when not in use.
- Regularly check for driver updates on the manufacturer's website to ensure optimal performance and compatibility.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No WiFi connection / Adapter not detected	Driver not installed or corrupted; Insufficient power from USB port; Adapter not properly inserted.	Reinstall drivers from CD or manufacturer's website. Try a different USB port, especially a rear port on desktops. Ensure the adapter is fully inserted.
Slow connection speed	Connected to 2.4GHz band instead of 5GHz; Interference; Distance from router; USB 2.0 port used.	Connect to the 5GHz network if available. Reduce interference by moving away from other electronic devices. Move closer to the router. Use a USB 3.0 port. Adjust antenna angle.
Frequent disconnections	Weak signal; Driver issues; Power saving settings.	Adjust antenna for better signal. Update or reinstall drivers. Disable power saving for the USB port or network adapter in Device Manager.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	M-18E
Wireless Standard	802.11ac
Data Transfer Rate	Up to 1300Mbps (867Mbps on 5GHz, 400Mbps on 2.4GHz)
Frequency Band	Dual Band (2.4GHz & 5GHz)
Antenna Type	Dual 5dBi High-Gain Antennas
Interface	USB 3.0 (backward compatible with USB 2.0)
Compatible Operating Systems	Windows 11/10/8.1/8/7, Mac OS 10.9-10.15
Product Dimensions	3.15 x 0.79 x 4.92 inches
Item Weight	1.41 ounces

## 10. WARRANTY AND SUPPORT

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ElecMoga products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ElecMoga website.

For technical support, driver downloads, or further assistance, please contact ElecMoga customer service through their official website or the contact information provided in your product packaging.

*Note: Product specifications and features are subject to change without prior notice.*