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## D-Link DUB-H4

# D-Link DUB-H4 4-Port USB 2.0 Hub Instruction Manual

Model: DUB-H4

### 1. INTRODUCTION

The D-Link DUB-H4 is a 4-port USB 2.0 hub designed to expand the number of available USB ports on your computer or laptop. This device allows for easy connection of multiple USB 1.1 or 2.0 peripherals such as printers, digital cameras, scanners, and webcams. Featuring Plug & Play functionality, the DUB-H4 requires no special configuration or driver installation and is compatible with Windows, Mac, and Linux operating systems.

### 2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- D-Link DUB-H4 4-Port USB 2.0 Hub
- USB 2.0 Type-A to Type-B Cable
- Power Adapter (5V == 2.5A)

### 3. PRODUCT OVERVIEW

The DUB-H4 hub provides four downstream USB Type-A ports for connecting your USB devices and one upstream USB Type-B port for connecting to your computer or another USB hub. It supports high-speed data transfer rates of up to 480 Mbps and includes LED indicators for port activity.



**Figure 3.1:** Front-top view of the D-Link DUB-H4 USB Hub, showing its compact black design and four USB Type-A ports.



**Figure 3.2:** Rear view of the D-Link DUB-H4 USB Hub, illustrating the USB Type-B upstream port and the DC 5V == 2.5A power input.

## 4. SETUP INSTRUCTIONS

1. **Connect the Power Adapter:** Insert the power adapter cable into the DC 5V == 2.5A input port on the rear of the DUB-H4 hub. Plug the other end of the power adapter into a standard electrical outlet.
2. **Connect to Your Computer:** Use the provided USB 2.0 Type-A to Type-B cable. Connect the Type-B end to the upstream USB port on the rear of the DUB-H4 hub. Connect the Type-A end to an available USB port on your computer.
3. **Connect USB Devices:** Plug your USB devices (e.g., mouse, keyboard, printer, external hard drive) into the available USB Type-A ports on the DUB-H4 hub.
4. **Automatic Recognition:** The DUB-H4 is Plug & Play. Your operating system should automatically detect and install the necessary drivers for the hub. No manual driver installation is typically required.

## 5. OPERATING INSTRUCTIONS

Once the DUB-H4 hub is connected and recognized by your computer, it operates transparently. Simply connect your USB devices to the hub's downstream ports. The hub will manage power distribution and data transfer for all connected devices. LED indicators on the hub will typically illuminate to show active connections and data transfer.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your D-Link DUB-H4 hub, follow these maintenance guidelines:

- **Cleaning:** Disconnect the hub from power and your computer before cleaning. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners or abrasive materials.
- **Environmental Conditions:** Operate the hub within its specified temperature range of 0 to 40 °C (32 to 104 °F). Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- **Cable Management:** Ensure all cables are connected securely and are not excessively bent or strained.

## 7. TROUBLESHOOTING

If you encounter issues with your D-Link DUB-H4 hub, consider the following troubleshooting steps:

- **Device Not Recognized:**
  - Ensure the hub's power adapter is securely connected to a working electrical outlet.
  - Verify that the USB cable connecting the hub to your computer is properly seated at both ends.
  - Try connecting the USB device directly to your computer's USB port to confirm the device itself is functional.
  - Test the hub with a different USB port on your computer.
- **Slow Data Transfer:**
  - Ensure all connected devices are USB 2.0 compatible for optimal speeds. USB 1.1 devices will operate at their native slower speeds.
  - Avoid connecting too many high-bandwidth devices simultaneously if experiencing performance issues.
- **Power Issues:**
  - Confirm the power adapter is correctly connected and providing power. The hub requires external power for reliable operation, especially with multiple devices.
  - If using a power strip, ensure it is switched on and functioning.

If these steps do not resolve the issue, please refer to the D-Link support resources mentioned in Section 9.

## 8. SPECIFICATIONS

<b>Brand</b>	D-Link
<b>Model Number</b>	DUB-H4
<b>Color</b>	Black
<b>Interface</b>	USB 2.0
<b>Number of Ports</b>	4 x USB Type-A (downstream), 1 x USB Type-B (upstream)
<b>Data Transfer Rate</b>	Up to 480 Mbps
<b>Operating System Compatibility</b>	Windows 7/Vista/XP, Mac OS X 10.4 or higher, Linux
<b>Special Features</b>	OHCI, EHCI, Plug and Play, LED indicators

<b>Material</b>	Polycarbonate
<b>Dimensions (L x W x H)</b>	12.1 x 8.7 x 9 cm
<b>Power Input</b>	DC 5V == 2.5A
<b>Operating Temperature</b>	0 to 40 °C (32 to 104 °F)

## 9. WARRANTY INFORMATION

The D-Link DUB-H4 is covered by a manufacturer's warranty. D-Link provides a three-year warranty against manufacturing defects for this product. Please retain your proof of purchase for warranty claims.

## 10. SUPPORT

For technical support, product registration, or to download the latest drivers and firmware, please visit the official D-Link support website. You can typically find support resources by searching for your product model (DUB-H4) on their website.

**D-Link Official Website:** [www.dlink.com](http://www.dlink.com)