

## Manhattan 162463

# Manhattan 13-Port USB 2.0 Hub with Power Adapter (Model 162463) User Manual

## 1. INTRODUCTION

This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your Manhattan 13-Port USB 2.0 Hub with Power Adapter, Model 162463. Please read this manual thoroughly before using the device to ensure optimal performance and safety.

The Manhattan 13-Port USB 2.0 Hub is designed to expand the USB connectivity of your computer, offering multiple ports for connecting various USB devices and dedicated high-power ports for charging. Its powered design ensures stable performance for all connected peripherals.



Image 1.1: Angled view of the Manhattan 13-Port USB 2.0 Hub, highlighting its compact design and multiple USB ports.

## 2. PACKAGE CONTENTS

Verify that all items listed below are present in your product packaging. If any items are missing or damaged, please contact your retailer or Manhattan customer support.

- Manhattan 13-Port USB 2.0 Hub (Model 162463)
- Power Adapter (5V, 4A)

- USB 2.0 Type-A to Type-B Cable
- User Manual (this document)



Image 2.1: The Manhattan 13-Port USB 2.0 Hub and its accessories as typically found in the retail box.

### 3. PRODUCT FEATURES

The Manhattan 13-Port USB 2.0 Hub offers a robust solution for expanding your computer's USB capabilities:

- **Thirteen (13) USB 2.0 Ports:** Provides ample connectivity for multiple peripherals.
- **Nine (9) Standard USB 2.0 Ports:** For data transfer and standard charging of devices.
- **Four (4) High-Power Charging Ports:** Delivers up to 2.4A per port for faster charging of smartphones, tablets, and other power-hungry devices. These ports are activated by a dedicated button.
- **Powered Operation:** Includes an external power adapter to ensure stable power delivery to all connected devices, preventing power-related issues.
- **Universal Compatibility:** Works with Windows and macOS operating systems.
- **Data Transfer Rate:** Supports USB 2.0 speeds up to 480 Mbps.



Image 3.1: Top view of the hub, illustrating its overall layout and the central power button for high-power charging ports.

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your Manhattan 13-Port USB 2.0 Hub:

1. **Connect the Power Adapter:** Insert the barrel connector of the included power adapter into the DC IN port on the back of the USB hub. Plug the power adapter into a standard electrical outlet. The hub requires external power for full functionality.



Image 4.1: Rear view of the hub, indicating the power input port.

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 hub and the Type-A end to an available USB port on your computer.





Image 4.2: The hub connected to a computer using the supplied USB cable.

3. **Driver Installation (Automatic):** Your operating system (Windows or macOS) should automatically detect and install the necessary drivers for the USB hub. No manual driver installation is typically required.
4. **Connect USB Devices:** Once the hub is recognized, you can connect your USB devices (e.g., keyboards, mice, external hard drives, flash drives) to any of the available USB ports on the hub.

## 5. OPERATING INSTRUCTIONS

Using your Manhattan 13-Port USB 2.0 Hub is straightforward:

- **Standard USB Ports (1-9):** These ports are suitable for connecting most USB peripherals that require data transfer and standard power. Simply plug your device into an available port.
- **High-Power Charging Ports (10-13):** These four ports are designed for faster charging of mobile devices. They are identifiable by a lightning bolt icon next to the port. To activate these high-power charging ports, press the dedicated button located on the top of the hub. An indicator light will illuminate when these ports are active.



Image 5.1: Detail of the high-power charging ports, indicated by the lightning bolt symbol.

- **Power Management:** The external power adapter ensures that all connected devices receive sufficient power. Avoid connecting devices that collectively exceed the hub's total power output (20W / 4A at 5V) to prevent instability.
- **Data Transfer:** The hub operates at USB 2.0 speeds (up to 480 Mbps). While suitable for most peripherals, for maximum speed with USB 3.0 or higher devices, connect them directly to your computer's native USB 3.0+ ports if available.

## 6. MAINTENANCE

To ensure the longevity and proper functioning of your USB hub, follow these maintenance guidelines:

- **Cleaning:** Disconnect the hub from power and your computer before cleaning. Use a soft, dry, lint-free cloth to wipe the exterior. Do not use liquid cleaners, aerosols, or abrasive materials.
- **Storage:** When not in use for extended periods, store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Environmental Conditions:** Avoid exposing the hub to moisture, dust, or corrosive environments.
- **Cable Management:** Ensure cables are not kinked, pinched, or under excessive strain to prevent damage to the cables and ports.

## 7. TROUBLESHOOTING

If you encounter issues with your Manhattan 13-Port USB 2.0 Hub, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Hub or connected device not recognized.	<ul style="list-style-type: none"><li>Loose cable connection.</li><li>Insufficient power.</li><li>Faulty USB port on computer.</li></ul>	<ul style="list-style-type: none"><li>Ensure all cables (power and USB to computer) are securely connected.</li><li>Verify the power adapter is plugged into a working outlet and the hub.</li><li>Try connecting the hub to a different USB port on your computer.</li><li>Restart your computer.</li></ul>
Devices are charging slowly or not at all.	<ul style="list-style-type: none"><li>Device connected to a standard port instead of a high-power port.</li><li>High-power charging ports not activated.</li><li>Total power draw exceeds adapter capacity.</li></ul>	<ul style="list-style-type: none"><li>Connect power-hungry devices to the dedicated high-power charging ports (marked with a lightning bolt).</li><li>Press the dedicated button on the hub to activate the high-power charging ports.</li><li>Reduce the number of high-power devices connected simultaneously.</li></ul>
Slow data transfer speeds.	<ul style="list-style-type: none"><li>Device is USB 3.0/3.1/3.2 connected to a USB 2.0 hub.</li><li>High network traffic or system load.</li></ul>	<ul style="list-style-type: none"><li>The hub operates at USB 2.0 speeds (up to 480 Mbps). For faster speeds, connect USB 3.0+ devices directly to your computer's native USB 3.0+ ports.</li><li>Ensure your computer is not heavily loaded with other tasks during large data transfers.</li></ul>

If the problem persists after trying these solutions, please contact Manhattan customer support for further assistance.

8. SPECIFICATIONS

Model Number	162463
Brand	Manhattan
USB Standard	USB 2.0
Number of Ports	13 (9 standard, 4 high-power charging)
Data Transfer Rate	Up to 480 Mbps
Power Input	5V DC, 4A (via included power adapter)
High-Power Charging Output	Up to 2.4A per port (for dedicated charging ports)
Dimensions (L x W x H)	12.1 x 2.5 x 7.1 cm (4.76 x 0.98 x 2.8 inches)
Weight	147.42 g (0.32 lbs)
Color	Black

Operating System Compatibility	Windows, macOS
-----------------------------------	----------------

## 9. WARRANTY AND SUPPORT

Manhattan products are designed to meet high-quality standards. For information regarding warranty coverage, technical support, or to register your product, please visit the official Manhattan website or contact your local retailer. Keep your purchase receipt as proof of purchase.

**Online Support:** For the latest product information, drivers, and support, please visit [www.manhattanproducts.com/support](http://www.manhattanproducts.com/support) (This is a placeholder URL, please refer to your product packaging for the actual support website).