atolla CH-210U3

Atolla USB 3.0 Powered Hub
INSTRUCTION MANUAL

Introduction

Thank you for choosing the Atolla USB 3.0 Powered Hub. This manual provides detailed instructions on how to set up, operate, and maintain your device. This hub is designed to expand your computer's connectivity with high-speed data transfer and efficient charging capabilities.
Key Features:

- **7 USB 3.0 Type-A Ports:** Offers data transfer speeds up to 5Gbps.
- **4 Smart Quick Charge Ports:** Delivers up to 2.4A current, compliant with BC-1.2 battery charging specifications.
- **Individual Power Switches:** Each data port can be independently switched on or off.
- **Optimal Power Supply:** Includes a 12V/4A power adapter to ensure stable power for all connected devices.
- **Plug and Play:** No drivers required for Windows, Mac, or Linux operating systems.
- **Safety Features:** Built-in fuse to protect against short circuits, overcurrent, overheating, and overpressure.

Setup

Follow these steps to set up your Atolla USB 3.0 Powered Hub:

1. **Connect the Power Adapter:** Insert the DC 12V power adapter into the power input port on the back of the hub. Plug the adapter into a wall outlet. This ensures stable power for all connected devices, especially high-power USB devices.

2. **Connect to Computer:** Connect the USB 3.0 cable from the hub to an available USB 3.0 port on your computer. The hub is plug-and-play and should be automatically recognized by your operating system (Windows, Mac, Linux) without needing additional drivers.

3. **Verify Connection:** Once connected, the indicator lights on the hub will illuminate, indicating it is ready for use.

Figure 1: Atolla USB 3.0 Powered Hub with its power adapter.

Figure 2: Detail of the DC 12V power connection for the hub.

Operating Instructions

The Atolla USB 3.0 Powered Hub is designed for ease of use. Here's how to operate its various functions:

Using USB 3.0 Data Ports (Blue Indicators)

The 7 blue-indicated ports are USB 3.0 Type-A ports, offering SuperSpeed data transfer up to 5Gbps. Connect your USB devices such as external hard drives, flash drives, keyboards, mice, or other peripherals to these ports.

Figure 3: High-speed data transfer via the USB 3.0 ports.

Using Smart Quick Charge Ports (Red Indicators)

The 4 red-indicated ports are dedicated Smart Quick Charge ports. These ports are designed to charge your devices faster, delivering up to 2.4A current, compliant with BC-1.2 battery charging specifications. Use these for charging smartphones, tablets, and other compatible devices.

4 Porte di Ricarica Intelligenti

velocità di carica fino a 2.4A

Figure 4: Devices charging via the 4 Smart Quick Charge ports.

Individual Power Switches

Each of the 7 USB 3.0 data ports has an independent power switch. This allows you to turn individual ports on or off without disconnecting the device or affecting other connected devices.

- **To Turn On:** Briefly press the button next to the desired port. The indicator light will turn on (blue for data, red for charging).
- **To Turn Off:** Press and hold the button next to the desired port for approximately 2 seconds. The indicator light will turn off.

Note: The 4 horizontal quick charge ports do not have individual switches.

Potenza per Più Possibilità

Inserire l'adattatore di alimentazione DC 12Vper consentire all'hub di collegarne qualsiasi altro dispositivo.

Figure 5: Demonstrating the individual power switches for each data port.

Figure 6: The Atolla USB hub in a typical usage scenario with various devices connected.

Maintenance

To ensure the longevity and optimal performance of your Atolla USB Hub, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the hub. Do not use liquid cleaners or aerosol sprays, as they may damage the device.
- **Storage:** When not in use, store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. Do not attempt to disassemble the device, as this will void the warranty and may cause damage.
- **Ventilation:** Ensure the hub is placed in an area with adequate ventilation to prevent overheating, especially during prolonged use with multiple devices.

Troubleshooting

If you encounter issues with your Atolla USB Hub, please refer to the following common problems and solutions:

- **Device Not Recognized:**

  - Ensure the hub is properly connected to your computer and the power adapter is plugged in.
  - Check if the individual port switch for the connected device is turned on.
  - Try connecting the device directly to your computer's USB port to confirm the device itself is functioning.
  - Restart your computer.

- **Slow Data Transfer Speed:**

  - Ensure you are using a USB 3.0 cable and connecting to a USB 3.0 port on both the hub and your computer. USB 2.0 connections will result in slower speeds.
  - Verify that the connected device supports USB 3.0 speeds.
  - Disconnect other high-bandwidth devices from the hub to see if it improves performance.

- **Slow Charging or No Charging:**

  - Ensure the power adapter is securely connected and providing power to the hub.
  - Use the red-indicated Smart Quick Charge ports for faster charging.
  - Check the charging cable and the device's charging port for any damage.
  - Some devices may require specific charging protocols not fully supported by the hub.

- **Indicator Lights Not On:**

  - Check the power adapter connection to the hub and the wall outlet.
  - Ensure the individual port switch is pressed to turn on the port.

- **Overcurrent/Overheating Protection:**
  The hub is equipped with a fuse to prevent damage from short circuits, overcurrent, overheating, and overpressure. If the hub stops functioning unexpectedly, disconnect all devices and the power adapter, wait a few minutes, and then reconnect. If the issue persists, contact customer support.

Specifications

Feature	Specification
Brand	atolla
Model Number	CH-210U3
Product Dimensions	21 x 4.5 x 2.3 cm
Item Weight	560 g
Color	Red
Hardware Interface	USB, USB 3.0
Operating System Compatibility	Linux, Windows
Special Feature	7 SuperSpeed USB 3.0 Ports and 4 AIpower Quick Charge Ports
Compatible Devices	Card Readers, Desktops, USB Flash Drives
Power Adapter	12V / 4A

Warranty and Support

Atolla products are designed for reliability and performance. For any technical assistance or inquiries, please refer to the official Atolla website or contact their customer support directly. Please retain your proof of purchase for warranty claims.

For the latest information and support, please visit the Atolla Store on Amazon.

Documents - atolla – CH-210U3

[pdf] Quick Start Guide Guide

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