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MLEEDA KC-U311

MLEEDA USB 3.0 Switch User Manual

Model: KC-U311

Introduction

The MLEEDA USB 3.0 Switch is designed to allow two computers to share a single USB peripheral device. This eliminates the need to constantly swap cables between computers, providing a convenient and efficient solution for managing your workspace. It is ideal for sharing devices such as printers, scanners, mice, keyboards, USB drives, and other USB-compatible peripherals.
This device supports high-speed USB 3.0 data transfer rates up to 5 Gbps, ensuring quick and reliable performance. It is also backward compatible with USB 2.0 and USB 1.1 devices. The switch features a plug-and-play design, requiring no driver installation for most operating systems, and includes a wired remote control for flexible placement and easy switching.

Product Overview

The MLEEDA USB 3.0 Switch (Model KC-U311) is a compact and efficient device. It features two USB-B input ports for connecting to two different computers and one USB-A output port for connecting to the shared peripheral. A dedicated 5V power input (Micro USB) is available for high-power devices, though a power adapter is not included.



Figure 1: MLEEDA USB 3.0 Switch with included cables and wired remote control.

The main unit has a physical button for switching between computers, indicated by red and green LED lights. An external wired remote control provides an alternative switching method, featuring numerical LED indicators (1 and 2) to show the active computer.



Figure 2: Connection diagram illustrating how to connect computers and peripherals to the USB switch.

Package Contents

Please verify that all items are present in the package:

- 1 x MLEEDA USB 3.0 Switcher (Main Unit)
- 2 x USB 3.0 Cables (0.8 meters each)
- 1 x Wired Remote Control (1.52 meters cable length)
- 1 x User Manual



Figure 3: Visual representation of the package contents and product dimensions.

Setup Instructions

1. **Connect Computers:** Use the two provided USB 3.0 cables to connect the USB-B input ports on the switch to the USB-A ports on your two computers (Computer 1 and Computer 2).
2. **Connect Peripheral:** Connect your shared USB peripheral device (e.g., printer, keyboard, mouse) to the USB-A output port on the switch.
3. **Optional Power Connection:** If you are connecting a high-power USB device (e.g., an external hard drive), connect a 5V external power adapter (not included) to the Micro USB port labeled "SWITCH/5V" on the switch. This ensures stable operation for power-intensive devices.
4. **Connect Wired Remote:** Plug the wired remote control into its dedicated port on the switch. Position the remote control conveniently on your desk for easy access.
5. **Plug and Play:** The switch is plug-and-play and typically requires no driver installation for Windows, Mac OS, Linux, or Chrome OS. Your operating system should automatically recognize the connected devices.



Figure 4: Example setup showing two laptops connected to the USB switch, sharing a printer.

Operating Instructions

The MLEEDA USB 3.0 Switch offers two methods for switching between connected computers:

- **Using the Main Unit Button:** Press the large circular button on the top of the main switch unit. The LED indicator around the button will change color (red for Computer 1, green for Computer 2) to indicate which computer is currently active and has control of the shared peripheral.
- **Using the Wired Remote Control:** Press the button on the wired remote control. The numerical LED indicator on the remote (1 or 2) will illuminate to show which computer is currently active. This method is convenient for keeping the main switch unit out of sight while maintaining easy access to the switching function.



Figure 5: Activating the switch by pressing the button on the main unit.



Figure 6: LED indicators on both the main unit and the wired remote control, showing active computer.

Important Notes

- **Single Active Connection:** Only one computer can actively use the shared USB device at a time. The switch facilitates switching control between them, not simultaneous access.
- **Data Transfer Interruption:** Avoid pressing the switch button or remote control while data is actively being transferred to or from the shared peripheral. Interrupting data transfer can lead to data corruption or device errors.
- **USB 3.0 Speed Requirement:** To achieve the maximum 5 Gbps data transfer rate, ensure that both the connected USB cables and the shared peripheral device are USB 3.0 compatible. The switch is backward compatible with USB 2.0/1.1, but speeds will be limited to the lowest common standard.
- **Inactive Port Disconnection:** When you switch control to one computer, the connection to the other computer is completely disconnected and unpowered. This ensures no interference between the two systems.
- **Power for High-Power Devices:** For stable operation with high-power USB devices (e.g., external hard drives, some webcams), an external 5V power adapter (Micro USB, not included) is required.

Maintenance

The MLEEDA USB 3.0 Switch requires minimal maintenance. Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners or abrasive materials. Ensure the device is placed in a well-ventilated area to prevent overheating, although its low power consumption typically prevents this.
Regularly check all cable connections to ensure they are secure. Loose connections can lead to intermittent functionality or data transfer issues.

Troubleshooting

Problem	Possible Cause	Solution
Shared device not recognized by active computer.	◦ Loose cable connection. ◦ Insufficient power for the shared device. ◦ Incorrect active computer selected. ◦ Device driver issue on the computer.	◦ Ensure all USB cables are securely connected to the switch and computers/device. ◦ If using a high-power device, connect an external 5V power adapter to the switch. ◦ Press the switch button or remote to confirm the correct computer is active (check LED indicator). ◦ Try connecting the shared device directly to the computer to verify its functionality and driver installation.
Slow data transfer speed.	◦ Using USB 2.0 cables or devices. ◦ Interference or cable length issues.	◦ Ensure all connected cables and the shared device are USB 3.0 compatible to achieve 5 Gbps speeds. ◦ Use the provided 0.8m USB 3.0 cables. Avoid excessively long or low-quality USB cables.
Switching does not work or is intermittent.	◦ Loose connection of the wired remote. ◦ Internal malfunction.	◦ Ensure the wired remote control is securely plugged into its port. ◦ Try using the physical button on the main unit. ◦ Disconnect and reconnect all cables, then restart the computers.

Specifications

Brand	MLEEDA
Model Number	KC-U311
UPC	747781665751
Dimensions (L x W x H)	5.5 x 5.5 x 1.5 cm (2.17 x 2.17 x 0.59 inches)
Weight	100 grams (0.22 lbs)
Number of Ports	2 (Input) / 1 (Output)
Data Transfer Rate	Up to 5 Gbps (USB 3.0)

Backward Compatibility	USB 2.0 / USB 1.1
Power Input	5V Micro USB (for high-power devices, adapter not included)
Operating Systems Supported	Windows 10/8/8.1/7/Vista/XP, Mac OS, Linux, Chrome OS

Warranty and Support

Specific warranty information for the MLEEDA USB 3.0 Switch is not provided in the product details. For any technical support or warranty inquiries, please contact the manufacturer, MLEEDA, directly through their official support channels or the retailer from whom the product was purchased.
Information regarding the availability of spare parts is also not provided.

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