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Jancane U102-A

Jancane Aluminum USB 3.0 Bi-Directional Switch U102-A User Manual

Model: U102-A

1. PRODUCT OVERVIEW

The Jancane Aluminum USB 3.0 Bi-Directional Switch (Model U102-A) is designed to facilitate the sharing of USB 3.0 peripheral devices between multiple computers or to connect multiple USB devices to a single computer. This switch offers a convenient solution for managing USB connections without the need for repeated plugging and unplugging.



Image 1: Jancane Aluminum USB 3.0 Bi-Directional Switch with included cables.

The device features a durable aluminum shell, ensuring longevity and efficient heat dissipation. It operates without requiring an external power supply or driver installation, offering a plug-and-play experience.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Jancane Bi-Directional USB 3.0 Switch (Model U102-A)
- 2 x USB 3.0 A to A Cables (approximately 4.9 ft / 1.5 m each)
- 1 x User Manual



Image 2: Visual representation of the USB switch, its compact size, and included cables.

3. SPECIFICATIONS

| Feature | Description |
|---------------------------------|---|
| Model Number | U102-A |
| Product Dimensions | 5.1 x 3.1 x 2 inches; 7.05 ounces |
| Material | Aluminum |
| Operation Mode | Manual Push Button |
| Connector Type | USB 3.0 |
| Data Transfer Speed | Up to 5Gbps (backward compatible with USB 2.0/1.1) |
| Compatibility | Windows 10/8.1/7/Vista/XP, Mac OS, Linux, Chrome OS |
| International Protection Rating | IP54 |

4. SETUP INSTRUCTIONS

The Jancane USB 3.0 Switch is plug-and-play, requiring no driver installation. It supports two primary modes of operation:

4.1. 2 In 1 Out Mode (Share 1 USB Device with 2 Computers)

This mode allows two computers to share a single USB peripheral device, such as a printer, scanner, or external hard drive.

1. Connect the two included USB 3.0 A to A cables from the USB-A ports labeled '1' and '2' on the switch to the USB-A ports on your two computers (PC1 and PC2).
2. Connect your USB peripheral device (e.g., printer) to the single USB-A port on the switch.
3. Use the push button on the switch to select which computer (PC1 or PC2) will control the connected USB device. The blue LED indicator will show the active computer.

2 in 1 out

switch 1 USB port for 2 computers



Image 3: Setup for 2 computers sharing 1 USB device (2 In 1 Out).

4.2. 1 In 2 Out Mode (Connect 2 USB Devices to 1 Computer)

This mode allows a single computer to switch between two different USB peripheral devices.

1. Connect one of the included USB 3.0 A to A cables from the single USB-A port on the switch to a USB-A port on your computer.
2. Connect your two USB peripheral devices (e.g., keyboard and mouse, or printer and flash drive) to the USB-A ports labeled '1' and '2' on the switch.
3. Use the push button on the switch to select which USB device will be active with your computer. The blue LED indicator will show the active device.

Note: In 1 In 2 Out mode, the two USB devices connected to the switch cannot work simultaneously. Only one device can be active at a time.

1 in 2 out

switch 2 USB port in 1 computer



Image 4: Setup for 1 computer connecting to 2 USB devices (1 In 2 Out).

Product Details

01

One Button Switch

One-click switching



02

LED Indicators

Real-time monitoring



Image 5: The USB switch operates without requiring an external power supply.

5. OPERATING INSTRUCTIONS

Operating the Jancane USB 3.0 Switch is straightforward:

5.1. Switching Between Connections

- Press the large circular button on the top of the switch to toggle between the two active connections (either between two computers or two devices).
- The blue LED indicators, labeled '1' and '2', will illuminate to show which port is currently active.



Image 6: The single push button for switching connections.



Image 7: Blue LED indicators show the active connection.

5.2. Data Transfer Speed

The switch supports USB 3.0 data transfer speeds up to 5Gbps. It is also backward compatible with USB 2.0 and USB 1.1 devices, ensuring broad compatibility with your existing peripherals.



Image 8: High-speed data transfer capabilities of the USB 3.0 switch.

6. COMPATIBILITY

The Jancane USB 3.0 Switch offers wide compatibility with various operating systems and USB devices:

6.1. Supported Operating Systems

- Windows (10, 8, 8.1, 7, Vista, XP)
- Mac OS
- Linux
- Chrome OS

6.2. Supported USB Devices

The switch is compatible with most USB 3.0, USB 2.0, and USB 1.1 devices, including but not limited to:

- Printers
- Scanners
- Mice
- Keyboards
- Card Readers
- Flash Drives (U Disks)
- External Hard Drives
- Webcams



Image 9: The USB switch is compatible with a broad range of operating systems and peripheral devices.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Jancane USB 3.0 Switch, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the switch. Avoid using liquid cleaners or abrasive materials, as they may damage the aluminum finish or internal components.
- **Storage:** When not in use for extended periods, store the switch in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Ensure cables are connected and disconnected gently to prevent damage to the ports.

8. TROUBLESHOOTING

If you encounter issues with your Jancane USB 3.0 Switch, please refer to the following common troubleshooting steps:

- **Device Not Recognized:**
 - Ensure the blue LED indicator on the switch corresponds to the desired active port. Press the button to switch if necessary.
 - Verify that all USB cables are securely connected to both the switch and the computer/device.
 - Try connecting the USB device directly to the computer to confirm the device itself is functioning correctly.
 - Restart your computer.
- **Slow Data Transfer:**

- Ensure you are using USB 3.0 compatible cables and ports on both the switch and your computer/device for optimal speed.
- Check for any interference from other electronic devices.
- **No Power:**
 - The switch does not require an external power supply. Ensure it is properly connected to a powered USB port on your computer.
- **Important Note:** This USB Switch does not support VIDEO Output or HDMI Output. It is designed for data transfer with USB peripheral devices only.

9. WARRANTY AND SUPPORT

Jancane provides lifetime technical support and a 36-month after-sale warranty for this USB Switch. If you encounter any problems or have questions regarding the product, please do not hesitate to contact Jancane customer support. We aim to respond to all inquiries as soon as possible, typically within 24 hours.

For support, please refer to the contact information provided on the product packaging or the official Jancane website.