

ROLINE 14012312

ROLINE USB 3.0 Switch Box User Manual

Model: 14012312

1. INTRODUCTION

The ROLINE USB 3.0 Switch Box (Model 14012312) allows two computers to share up to four USB 3.0 peripheral devices. This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your switch box, ensuring efficient and reliable peripheral sharing.

2. PRODUCT OVERVIEW AND FEATURES

The ROLINE USB 3.0 Switch Box is designed for professional environments, offering a robust solution for managing USB peripherals across multiple systems.



An overhead view of the ROLINE USB 3.0 Switch Box, showcasing its compact black design and the ROLINE logo.

- Enables two computers to share four USB 3.0 devices.
- Supports USB 3.0 SuperSpeed with data transfer rates up to 5 Gbit/s.
- Backward compatible with USB 2.0 and USB 1.1.
- Features a remote port selector for convenient switching between connected computers.
- Plug & Play functionality, requiring no driver installation.
- LED indicators display which computer is currently active.
- Overcurrent protection for connected devices.
- Micro-USB port for optional additional power supply (adapter not included).
- Compatible with Windows (Vista/7/8/8.1/10) and Mac OS X 10.3+.

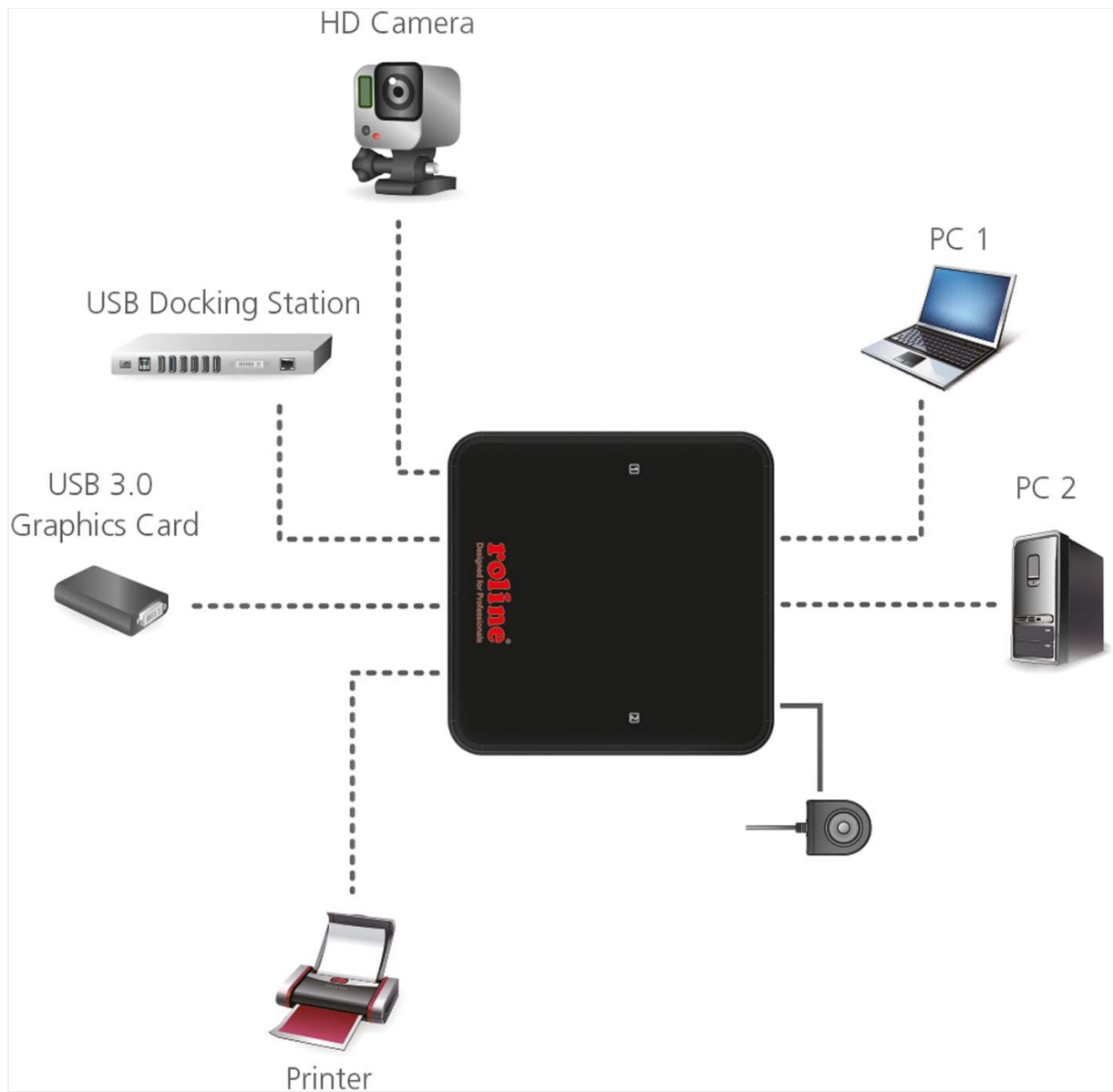
3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- ROLINE USB 3.0 Switch Box
- 2 x USB 3.0 Type A to Type B connection cables (1.2 meters each)
- 1 x Remote port selector switch with cable
- User Manual (this document)

4. SETUP INSTRUCTIONS

Follow these steps to set up your ROLINE USB 3.0 Switch Box:



A diagram illustrating the typical setup: two computers (PC 1 and PC 2) connected to the switch box, which then shares multiple USB devices such as a printer, USB graphics card, USB docking station, and HD camera.

1. **Connect USB Peripherals:** Connect your USB 3.0 devices (e.g., printer, scanner, external hard drive, keyboard, mouse) to the four USB 3.0 Type A ports on the front of the switch box.



The front panel of the switch box, showing four blue USB 3.0 Type A output ports for connecting peripheral devices, and a micro-USB port for optional external power.

2. **Connect Computers:** Use the provided USB 3.0 Type A to Type B cables to connect your two computers to the two USB 3.0 Type B input ports on the rear of the switch box.



The rear panel of the switch box, featuring two blue USB 3.0 Type B input ports for connecting to computers, and a 3.5mm jack for the remote selector switch.

3. **Connect Remote Selector:** Plug the remote port selector switch into the dedicated 3.5mm port on the rear

of the switch box. Position the remote selector in an easily accessible location.

- 4. **Optional Power Supply:** If you are connecting high-power USB devices (e.g., external hard drives without their own power supply), connect a 5V DC power adapter (not included) to the micro-USB port on the front of the switch box. This provides additional power to ensure stable operation.
- 5. **Power On:** Ensure both connected computers are powered on. The switch box is bus-powered, drawing power from the connected computers.

5. OPERATING INSTRUCTIONS

Using the ROLINE USB 3.0 Switch Box is straightforward:



The remote port selector switch, a small black button on a cable, used to manually switch between the two connected computers.

- **Switching Computers:** Press the button on the remote port selector to switch between the two connected computers.
- **Active Computer Indication:** LEDs on the top of the switch box will illuminate to indicate which computer (PC 1 or PC 2) is currently active and has access to the shared USB devices.
- **Hot-Plug Functionality:** The switch supports hot-plugging, allowing you to connect or disconnect USB devices without needing to power down the switch or computers.

6. SPECIFICATIONS

Feature	Detail
Product Type	Manual USB 3.0 Switch Box
Switching Capability	2 PCs to 4 USB Peripherals
Input Ports	2 x USB 3.0 Type B
Output Ports	4 x USB 3.0 Type A
USB Standard	USB 3.0 SuperSpeed
Data Transfer Rate	Up to 5 Gbit/s
Backward Compatibility	USB 2.0, USB 1.1
Housing Material	Plastic

Feature	Detail
Color	Black
Additional Power Port	Micro-USB (5V DC, adapter not included)
Model Number	14012312
Dimensions (L x W x H)	14 x 11 x 4 cm (approximate)
System Requirements	Windows (Vista/7/8/8.1/10), Mac OS X 10.3+

7. TROUBLESHOOTING

If you encounter issues with your ROLINE USB 3.0 Switch Box, please refer to the following common problems and solutions:

- **Devices Not Detected:**
 - Ensure all USB cables are securely connected to both the switch box and your computers/peripherals.
 - Try connecting the USB device directly to a computer to verify its functionality.
 - If using high-power devices, connect an optional 5V DC power adapter (not included) to the micro-USB port on the switch box.
 - Restart the computer(s) and the switch box.
- **Slow Data Transfer:**
 - Ensure you are using USB 3.0 compatible cables and devices for optimal speed.
 - Verify that the switch box is connected to a USB 3.0 port on your computer.
- **Switching Issues:**
 - Ensure the remote port selector cable is fully inserted into its port on the switch box.
 - Press the selector button firmly and observe the LED indicators.
- **Intermittent Connection:**
 - Check for loose cable connections at all points.
 - Consider using the optional external power supply if multiple high-power devices are connected, as bus power might be insufficient.

8. WARRANTY AND SUPPORT

ROLINE products are designed for professional use and are known for their quality and functionality. This product meets all relevant European standards and undergoes continuous verification.

For technical support, warranty inquiries, or further assistance, please refer to the official ROLINE website or contact your local distributor. Keep your purchase receipt for warranty claims.