Logilink UA0021D

Logilink UA0021D USB 2.0 Extender User Manual

Model: UA0021D

1. INTRODUCTION

The Logilink UA0021D USB 2.0 Extender allows you to extend the range of your USB devices up to 60 meters (approximately 197 feet) using a standard Cat5, Cat5e, or Cat6 RJ45 patch cable. This extender is designed for connecting USB peripherals such as mice, keyboards, and printers over longer distances without significant signal degradation. It consists of a transmitter unit and a receiver unit, requiring no driver installation for operation.

2. PACKAGE CONTENTS

- 1 x Logilink USB Extender Transmitter Unit
- 1 x Logilink USB Extender Receiver Unit

Note: A standard RJ45 Cat5/5e/6 patch cable is required for operation and is not included in the package.

Image: The Logilink UA0021D USB 2.0 Extender includes two black units, a transmitter and a receiver, each with a short USB cable and an RJ45 port.

3. SETUP INSTRUCTIONS

1. **Identify Units:** Locate the Transmitter unit (typically labeled 'Transmitter' or with a male USB-A connector for the host) and the Receiver unit (typically labeled 'Receiver' or with a female USB-A port for the device).

2. **Connect Transmitter:** Plug the USB-A male connector of the Transmitter unit into an available USB port on your computer or host device.

3. **Connect Receiver:** Plug your USB peripheral device (e.g., mouse, keyboard, printer) into the USB-A female port on the Receiver unit.

4. **Connect with RJ45 Cable:** Connect the RJ45 port on the Transmitter unit to the RJ45 port on the Receiver unit using a standard Cat5, Cat5e, or Cat6 straight-through patch cable. Ensure the cable is securely inserted into both units.

Important: Use a standard straight-through RJ45 patch cable. Crossover cables are not compatible with this extender. No drivers are required for installation; the system should automatically recognize the connected USB device.

Image: The product packaging illustrates the connection diagram, showing a PC connected to the transmitter, a network cable connecting the transmitter and receiver, and a printer connected to the receiver.

4. OPERATING INSTRUCTIONS

Once the setup is complete, your connected USB device should function as if it were directly connected to your computer. The Logilink UA0021D supports USB 2.0 specifications, making it suitable for a wide range of low-power USB peripherals.

- **Maximum Distance:** The extender supports a maximum extension distance of up to 60 meters (197 feet) using a high-quality Cat5e or Cat6 cable.
- **Device Compatibility:** Ideal for devices such as keyboards, mice, printers, and other low-power USB 1.1/2.0 devices.
- **Power:** The extender draws power directly from the USB port and does not require an external power adapter.

5. TROUBLESHOOTING

Problem	Possible Solution
USB device not recognized or not functioning.	- Ensure all connections (USB and RJ45) are secure. - Verify that you are using a standard straight-through RJ45 patch cable, not a crossover cable. - Try connecting the USB device directly to the computer to confirm it works independently. - Test with a different USB port on your computer. - Try a shorter RJ45 cable to rule out cable length or quality issues.

Problem	Possible Solution
Intermittent connection or slow performance.	- Check the quality of your RJ45 cable. A higher quality Cat5e or Cat6 cable is recommended for longer distances. - Ensure the cable length does not exceed the recommended 60 meters. - Avoid routing the RJ45 cable near sources of strong electromagnetic interference. - This extender is best suited for low-power devices. High-power USB devices may not function reliably.
No power to the USB device.	- The extender draws power from the host USB port. Ensure the host USB port is providing sufficient power. - Try connecting the transmitter to a different USB port, preferably a powered USB hub if available.

6. SPECIFICATIONS

- **Model Number:** UA0021D
- **Product Dimensions:** 0.01 x 0.04 x 0.04 inches (per unit, approximate)
- **Item Weight:** 0.035 ounces (per unit, approximate)
- **Connector Type:** USB A Male (Transmitter), USB A Female (Receiver), RJ45 (both units)
- **Extension Distance:** Up to 60 meters (197 feet) via Cat5/5e/6 cable
- **Compatible Devices:** Mouse, Keyboard, Printer, PC, Laptop, Tablets
- **Driver Requirement:** No drivers required
- **Color:** Black

7. MAINTENANCE

To ensure the longevity and optimal performance of your Logilink UA0021D USB 2.0 Extender, follow these simple maintenance guidelines:

- Keep the units and cables clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the units to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the units, as this will void any warranty and may cause damage.
- Store the extender in a cool, dry place when not in use.

8. WARRANTY INFORMATION

Specific warranty terms and conditions for the Logilink UA0021D USB 2.0 Extender may vary by region and retailer. Please refer to your purchase documentation, the product packaging, or the official Logilink website for detailed warranty information applicable to your product.

9. SUPPORT

For technical support, further assistance, or to inquire about product-related issues, please visit the official Logilink website or contact their customer support department. Contact information can typically be found on the Logilink website or on your product packaging.