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Kxable KXU3-MF-AP-50F-1P

Kxable USB 3.0 Active Extension Cable

MODEL: KXU3-MF-AP-50F-1P (50FT)

1. Introduction

Thank you for choosing the Kxable USB 3.0 Active Extension Cable. This cable is designed to extend the reach of your USB 3.0 devices up to 50 feet while maintaining high-speed data transmission and stable power delivery. It features built-in signal boosters to ensure signal integrity over longer distances. Please read this manual carefully to ensure proper installation and operation.

2. Safety Information

- Do not expose the cable to water, moisture, or extreme temperatures.
- Avoid bending the cable sharply or placing heavy objects on it, as this may damage internal wiring.
- Do not attempt to disassemble or modify the cable.
- Keep out of reach of children.
- Use only with compatible USB devices and power sources.

3. Package Contents

- 1 x Kxable USB 3.0 Active Extension Cable (50 Feet)

4. Product Overview

The Kxable USB 3.0 Active Extension Cable is engineered for reliable long-distance USB connectivity. It incorporates advanced features to ensure optimal performance.

Key Features:

- **USB 3.0 SuperSpeed:** Supports data transfer rates up to 5.0 Gbps, 10 times faster than USB 2.0.
- **Built-in Signal Boosters:** Two integrated amplification chipsets ensure stable and uninterrupted data transmission over the entire 50-foot length.
- **External Power Port:** Includes a USB power supply port for connecting an optional 5V power adapter (not included) to provide additional power to high-consumption USB devices, ensuring stable operation.
- **Durable Construction:** Features 22AWG pure copper wires, multi-layer shielding, aluminum alloy shells, and a flexible PVC jacket for enhanced durability and corrosion resistance.

- **Backward Compatibility:** Fully compatible with USB 2.0 and USB 1.1 devices.

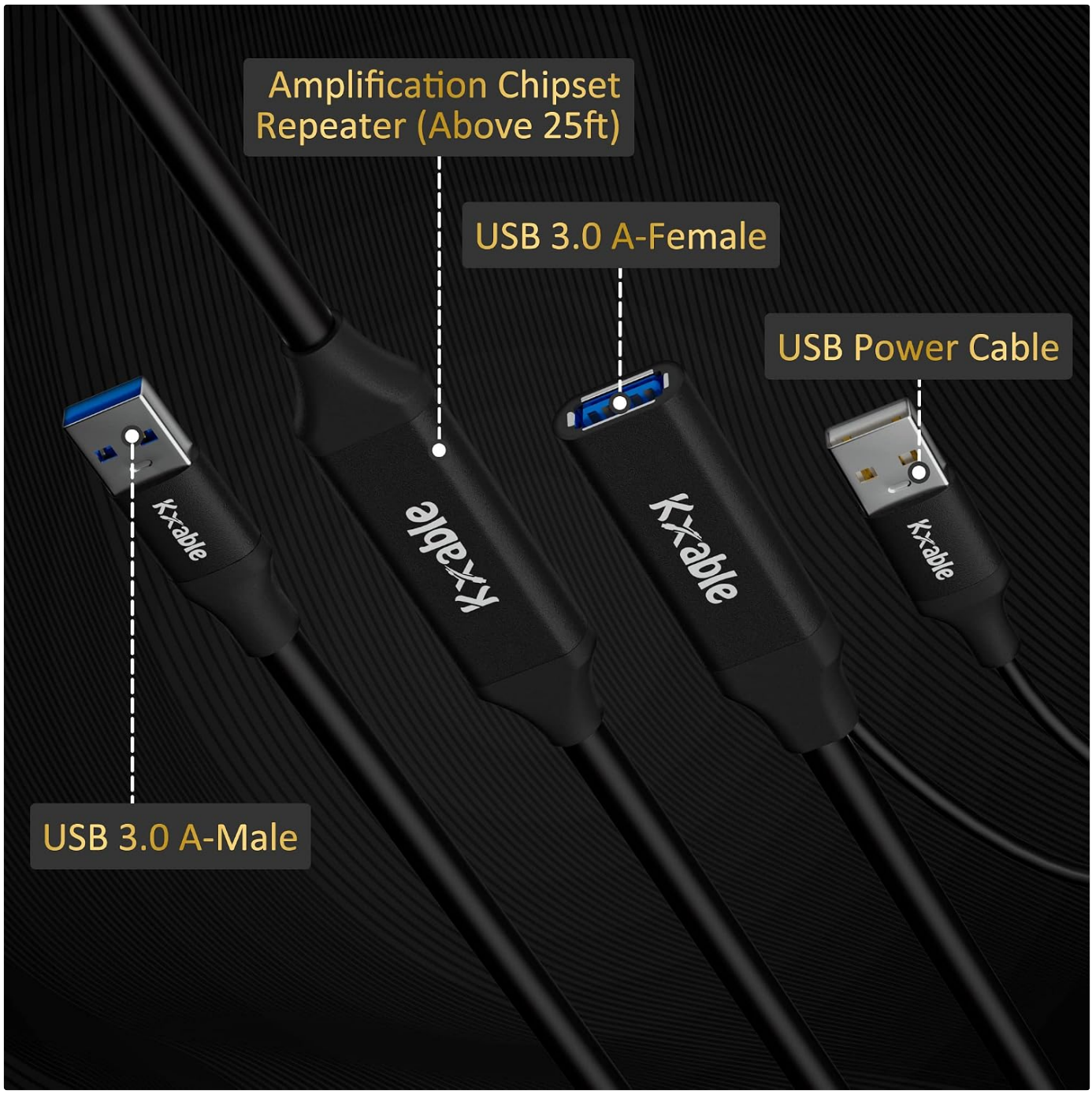


Figure 1: Cable Components. This image illustrates the key components of the Kxable USB 3.0 Active Extension Cable, including the USB 3.0 A-Male connector, the amplification chipset repeater, the USB 3.0 A-Female connector, and the auxiliary USB power cable port.



Figure 2: Aluminum Alloy Shells. This image highlights the robust aluminum alloy shells used on the connectors and repeater units of the Kxable USB 3.0 Active Extension Cable, designed for durability and effective heat dissipation.

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Video 1: Kxable USB Extension Cable Overview. This video provides a visual overview of the Kxable USB Extension Cable, demonstrating its features, construction, and potential applications. It showcases the cable's design and highlights its high-speed data transfer capabilities.

5. Setup Instructions

1. **Connect to Host Device:** Plug the USB 3.0 A-Male connector of the extension cable into an available USB 3.0 port on your computer, laptop, USB hub, or other host device.
2. **Connect Peripheral Device:** Plug your USB device (e.g., printer, webcam, hard drive, VR headset) into the USB 3.0 A-Female connector at the other end of the extension cable.
3. **Optional External Power (for high-power devices):** If your connected USB device requires more power than the host port can provide, or if you experience unstable connections, connect a standard 5V USB power adapter (not included) to the auxiliary USB power cable port on the extension cable. This provides additional power to ensure

stable operation.

4. **Verify Connection:** Ensure both connections are secure. Your operating system should automatically detect the connected device.

6. Operating Instructions

Once connected, the Kxable USB 3.0 Active Extension Cable operates transparently, extending your USB connection. It supports a wide range of USB peripherals.



Figure 3: Super Speed Data Transfer. This image demonstrates the high-speed data transfer capability of the Kxable USB 3.0 Active Extension Cable, illustrating a file transfer from an external hard drive to a laptop at 5 Gbps, significantly faster than USB 2.0.



Figure 4: Multiple Device Compatibility. This image showcases the versatility of the Kxable USB 3.0 Active Extension Cable, demonstrating its use with various peripherals such as a printer, an external hard drive, and a digital camera, meeting diverse connectivity needs.



Figure 5: Extending Reach for VR Headsets. This image illustrates how the Kxable USB 3.0 Active Extension Cable can extend the reach of VR headsets, providing greater freedom of movement and an enhanced virtual reality experience.



Figure 6: Universal Compatibility. This chart details the universal compatibility of the Kxable USB 3.0 Active Extension Cable, listing various devices that can be connected to its USB A-Male end (e.g., laptops, computers, smart TVs) and its USB A-Female end (e.g., headsets, Xbox, printers, webcams, hard drives, USB hubs).

7. Maintenance

- Keep the cable clean and free from dust. Use a soft, dry cloth to wipe it if necessary.
- Store the cable in a cool, dry place when not in use.
- Avoid tangling the cable to prevent damage to the internal wires.
- Do not pull on the cable itself to disconnect; always grasp the connector.

8. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not recognized or intermittent connection	Insufficient power to the connected device; loose connection; driver issue.	Ensure all connections are secure. Connect an optional 5V power adapter to the cable's power port. Try connecting the device directly to the computer to rule out device or driver issues. Try a different USB port on the host device.
Slow data transfer speed	Connected to a USB 2.0 port; device is USB 2.0; host port issue.	Ensure both the host port and the connected device are USB 3.0 compatible. Connect the cable to a known working USB 3.0 port.
Cable does not work	Faulty cable; incompatible device.	Test the cable with another known working USB device and host. If the issue persists, contact customer support.

9. Specifications

Feature	Detail
Model	KXU3-MF-AP-50F-1P
Length	50 Feet (15.24 meters)
Connector Type	USB 3.0 Type A Male to Type A Female
Data Transfer Rate	Up to 5 Gbps (USB 3.0 SuperSpeed)
Backward Compatibility	USB 2.0, USB 1.1
Wire Gauge	22AWG Pure Copper
Outer Material	Aluminum Alloy and PVC
Special Features	2x Built-in Signal Boosters, Auxiliary USB Power Port
Color	Black
Weight	1.17 kg

10. Warranty and Support

Kxable offers a one-year warranty for this product from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your Kxable USB 3.0 Active Extension Cable, please contact our customer service team. We are committed to providing professional assistance and will respond to your inquiries within 24 hours.

Please refer to your purchase documentation for specific contact details or visit the official Kxable store on Amazon: Kxable Store

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