
Quick Start Guide

FireNEX™-U4F-DP

USB-C Fiber Repeater, 10Gbps and 10K Display



Introduction



Thank you for purchasing FireNEX™-U4F-DP, Newnex's 700m single-mode fiber optic repeater for USB 3.2 Gen 2 extension and 10K DisplayPort Alt Mode video. This manual contains specifications of the product, package contents, a step-by-step installation guide, as well as our return policy, warranty, and where to find technical support.

Please read through this manual carefully before using the product. We highly recommend you to keep this handy.

Features



- USB-C Data and Video Extension over Fiber
- Long-Distance USB-C Extension up to 700m
- Up to 10K Video via DisplayPort Alt Mode
- 10Gbps USB Data Transfer
- USB Power Delivery up to 20W
- High Signal Integrity and EMI Immunity
- Secure Connections and Surface Mounting
- Backward Compatible to USB 3.0 / 2.0 / 1.1
- Broad OS Compatibility

Signal Type	Extension Range
USB 10Gbps	300 meters
USB 5Gbps	700 meters
DisplayPort Alt Mode Video	700 meters

Package Contents



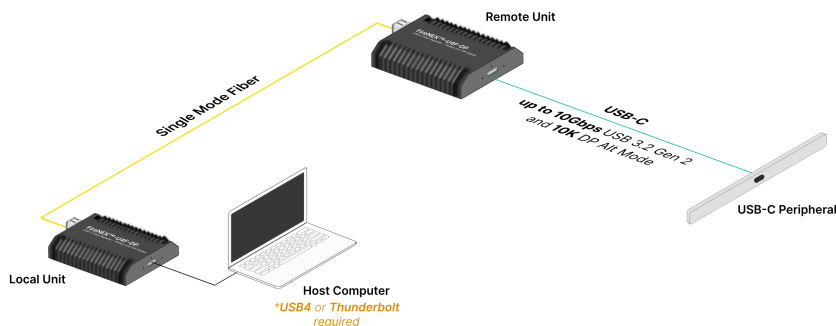
- FireNEX™-U4F-DP Local Unit × 1
- FireNEX™-U4F-DP Remote Unit × 1
- 1m USB4 Type-C Cable × 1
- 12V DC Power Supply × 2
- FireNEX™-U4F-DP User Guide × 1

Installation Guide



Host Compatibility Note: The Local Unit must be connected to a USB4 or Thunderbolt™ USB-C host port. Do not connect it to a USB 3.2 Gen 2 host port.

- 1 Connect the included 12V power adapter to the Remote Unit.
- 2 Connect the second 12V power adapter to the Local Unit.
- 3 Connect a single mode duplex LC fiber optic cable between the Local and the Remote Units.
- 4 Connect the included USB4 Type-C cable from the Local Unit to the host computer's USB4 or Thunderbolt Type-C port.
- 5 Connect the USB-C peripheral to the USB-C port on the Remote Unit.



Technical Support



Please visit the product page for additional information:

www.newnex.com/usb-c-fiber-extender-with-dp-alt-mode.php

For technical support, visit: **www.newnex.com/tech-support**

Return & Warranty



FireNEX™-U4F-DP comes with a **one-year limited manufacturer warranty** from the initial invoice date.

For more information about the return and RMA policy, visit **www.newnex.com/return-policy**.

www.newnex.com

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