
Quick Start Guide

FireNEX™-CAT6

5Gbps USB-C Repeater over CAT cable



Newnex

Introduction



Thank you for purchasing FireNEX™-CAT6, Newnex's innovative USB-C extension solution designed for superior performance and reliability. With lightning-fast 5Gbps USB data transfer and robust USB Power Delivery (PD) support, FireNEX™-CAT6 extends both USB-C data and power up to 90 meters (300 ft.) using a single CAT 6a/7 Ethernet cable.

This manual contains an introduction, an 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 keep this handy.

Package Contents



- 1x FireNEX™-CAT6 Local Unit
- 1x FireNEX™-CAT6 Remote Unit
- 1x 36V DC Power Adapter
- 1x USB 3.2 A to C Cable, 1m
- 1x Quick Start Guide

Features



- Extend USB-C data, power over CAT 6a/7 Ethernet cable
- Support USB 3.2 Gen 1 (USB 3.0) data rate up to 5Gbps
- USB 2.0/1.1 backward compatible
- Deliver power over CAT cable to USB-C device port with multiple USB PD profiles (5V, 9V, 12V, 20V)
- Bi-directional RS-232 serial pass through
- Durable metal enclosure
- USB-IF standard USB-C locking port

Technical Support



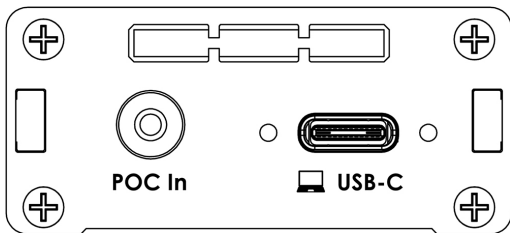
Please visit our product page for additional information:
<https://newnex.com/usb-c-extender-over-cat.php>

For more support, submit a RMA or support inquiry at:
www.newnex.com/tech-support



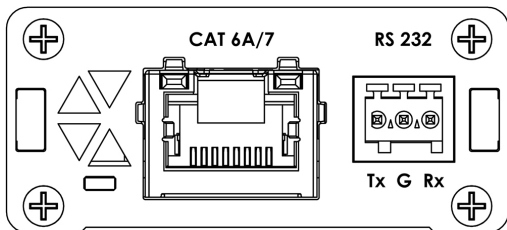
Local Unit

Front Panel



- **Power:** connect to the 36V/1A DC power supply
- **USB-C:** connect to a USB 3 port on your PC with the included A to C cable (if connecting to a USB-C port, a C to C cable is needed and can be purchased separately)

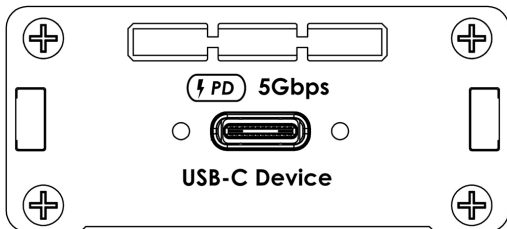
Back Panel



- **CAT 6A/7:** connect to a CAT cable from the Local Unit
- **RS 232:** connect to a serial device with a supplied 3-pin header

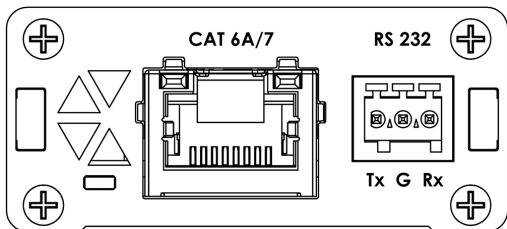
Remote Unit

Front Panel



- **USB-C:** connect to your USB device or peripheral (a USB-C to device port cable is not included)

Back Panel



- **CAT 6A/7:** connect to a CAT cable from the Local Unit
- **RS 232:** connect to a serial device with a supplied 3-pin header

Return & Warranty



FireNEX™-CAT6 comes with a **one-year limited manufacturer warranty** from the initial invoice date.

Visit www.newnex.com/return-policy for more information and the return policy.

Contact Us:

Tel: +1 (201) 603-3038

www.newnex.com

Newnex Technology Corp.

3041 Olcott St.

Santa Clara, CA 95054, USA