HDMI KVM Extender Setwith USB 2.0 Extension

EX-80-KVM

WyreStorm

Quickstart Guide

💡 WyreStorm recommends reading through this document in its entirety to become familiar with the product's features prior to starting the installation process.

HDMI **HDCP** **PoC**
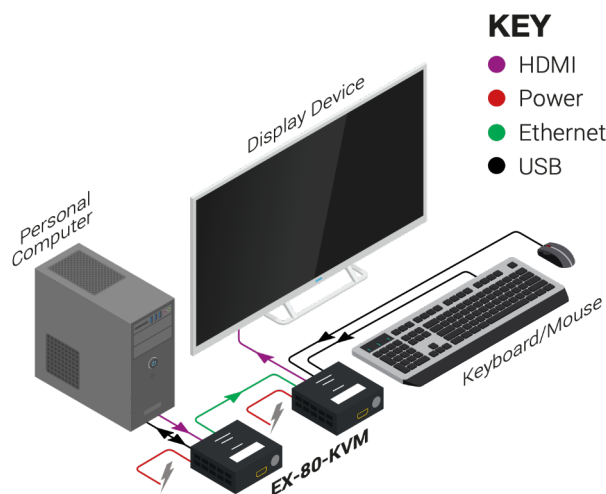
⚠️ **IMPORTANT! Installation Requirements**

- Read through the Wiring and Connections section for important wiring guidelines before creating or choosing premade cables.
- Visit the product page to download the latest firmware, document version, additional documentation, and configuration tools.

In the Box
1x EX-80-KVM Transmitter
1x EX-80-KVM Receiver
1x 12V DC 2A Power Supply (US/UK/EU/AU)
1x USB Type B to Type A Cable
4x Mounting Brackets

Basic Wiring Diagram

KEY
- ● HDMI
- ● Power
- ● Ethernet
- ● USB

Warranty Information

WyreStorm Technologies ProAV Corporation warrants that its products to be free from defects in material and workmanship under normal use for a period of five (5) years from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.
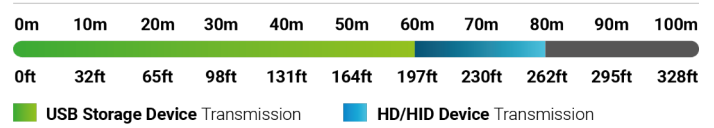
Wiring and Connections

WyreStorm recommends that all wiring for the installation is run and terminated prior to making connections to the switcher. Read through this section in its entirety before running or terminating any wires to ensure proper operation and to avoid damaging the equipment.

⚠ IMPORTANT! Wiring Guidelines

- The use of patch panels, wall plates, cable extenders, kinks in cables, and electrical or environmental interference will have an adverse effect on signal transmission which may limit performance. Steps should be taken to minimize or remove these factors completely during installation for best results.
- WyreStorm recommends the use of shielded category cable to minimize signal noise and interference.
- WyreStorm recommends using pre-terminated HDMI cables due to the complexity of these connector types. Using pre-terminated cables will ensure that these connections are accurate and will not interfere with the performance of the product.

Cat6 Cable Performance Guide

0m	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m

0ft	32ft	65ft	98ft	131ft	164ft	197ft	230ft	262ft	295ft	328ft

🟩 **USB Storage Device** Transmission   🟦 **HD/HID Device** Transmission

WyreStorm recommends the use of shielded cable to minimize signal noise and interference

Troubleshooting

No or Poor Quality Picture (snow or noisy image)

- Verify that power is being supplied to the transmitter and receiving device.
- Verify that all HDMI and UTP connections are not loose and are functioning properly.
- Verify that the UTP cable is properly terminated following EIA568B standard.
- Verify that the output resolution of the source and display is supported by this extender.

Failed USB Connection or Slow Transmission rate

- Ensure the category cable length is within the range of requirement, USB HID device is within 80m/260ft, USB storage device is within 60m/200ft.

💡 Troubleshooting Tips

- WyreStorm recommends using a cable tester or connecting the cable to other devices to verify functionality.