Installation Instructions
KVM2-PED-USB
Pedestal-Mounted USB KVM Extender

→ IMPORTANT!

TO IDENTIFY COMPUTER RELATED ISSUES AND PREVENT COSTLY TROUBLESHOOTING, BENCH TEST YOUR MONITOR, KEYBOARD, AND/OR MOUSE WITH YOUR COMPUTER BEFORE INSTALLING THE KVM EXTENDER. THEN CONNECT THE KVM EXTENDER AND BENCH TEST AGAIN WITH THE PROVIDED 25' CAT5 CABLE.

KVM LOCAL AND REMOTE MODULES COME FROM THE FACTORY AS MATCHED PAIRS (MATCHED BY SERIAL NUMBER) AND ARE TUNED AND TESTED AS SUCH. NEVER USE MISMATCHED PAIRS OF LOCAL AND REMOTE MODULES.

1. Install the KVM Local Module and cabling according to the instructions in the "Connections at the local module" section of the AdderLink X-USBPRO manual.
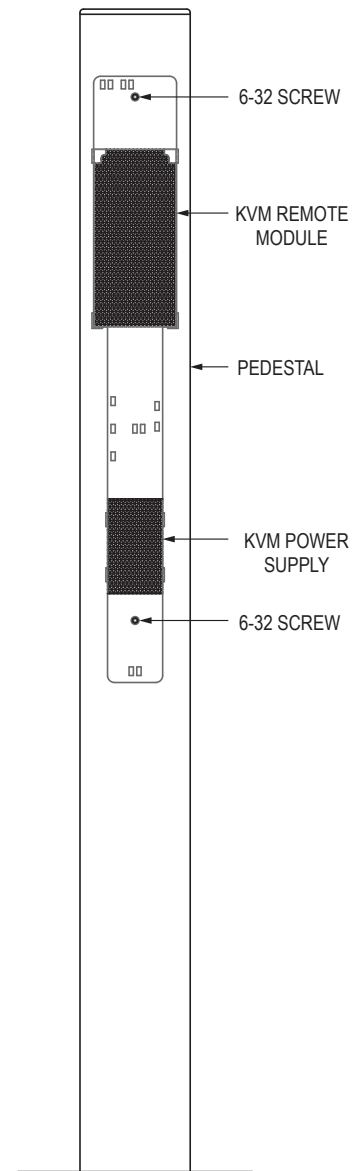
    NOTE: Even if your KVM Extender is used only to support a remote monitor (no keyboard, mouse, or touch screen), you still need to install a USB cable between the computer and the KVM Local Module for the KVM Local Module to function.

2. Route the CAT5 cable from the KVM Local Module to the pedestal, then up through the pedestal and out the top. Route AC power cables for the KVM Remote Module and monitor up through the pedestal and out the top. Many issues with KVM Extender performance can be linked to partial or failing RJ45 crimps. We recommend using high quality crimpers and RJ45 connectors such as:

    - LCom PN TDS8PC6 Connectors (for Shielded, Solid or Stranded, CAT6 cables)
    - LCom PN TDS8PC5 Connectors (for Shielded, Solid or Stranded, CAT5E cables)
    - LCom PN HTS2500 or Hanlong PN HT-236Q Modular Crimper

    NOTE: Do not use your KVM Extender to link between different buildings. Linking between different buildings that do not share a common earth ground is not supported and may damage your KVM Extender.

3. Connect the CAT5 cable to the RJ45 jack on the KVM Remote Module. Connect an AC power cable to the KVM Remote Module's power adapter.

4. For monitors with a permanently installed keyboard, install the keyboard by following the installation instructions that shipped with the keyboard. Connect the USB cables from the keyboard to the USB ports on the KVM Remote Module and continue to step 6.

5. For monitors without a permanently attached keyboard, temporarily plug a USB keyboard into one of the USB ports on the KVM Remote Module.

6. Temporarily install a video cable between the KVM Remote Module and the monitor. Set the monitor up on a bench. Bring power to the monitor. Perform the image controls and skew adjustment found in the "Video compensation" section of the AdderLink X-USBPRO manual.

    a. On the computer that the KVM Local Module is attached to, download the Adder test pattern generator from the following address:

        http://www.HopeIndustrial.com/links/addertest

    b. Set the miniature toggle switch #1 located on the KVM Remote Module to the "ON" position.

6-32 SCREW

KVM REMOTE MODULE

PEDESTAL

KVM POWER SUPPLY

6-32 SCREW

NOTE: While the toggle switch is in the "ON" position, the remote keyboard is disconnected from the computer and connected directly to the KVM Remote Module to allow for adjustment of the module.

   c. Set the cable type and length and make video gain and skew adjustments with the keyboard while observing the monitor's display.

   d. Return the miniature toggle switch #1 to the "OFF" position.

7. After completing the image adjustments, unplug the temporary keyboard (if applicable) and temporary video cable.

   NOTE: Ensure that the toggle switch on the KVM Remote Module is returned to its "OFF" position.

8. Remove and discard the two 10-32 sealing screws and washers from the back side of the pedestal.

9. Finish installation.

   a. For monitors with a permanently installed keyboard, ensure the cables from the keyboard are connected to the USB ports on the KVM Remote Module and secured with tie wraps.

   b. Connect the video cable to the VGA port on the KVM Remote Module and tighten the screw locks. For touch screen units, connect the 6' USB cable to one of the USB ports on the KVM Remote Module and secure with a tie wrap.

   c. Arrange cables coming up through the pedestal so the KVM assembly (and cables already attached) can slip into the pedestal with the KVM bracket flush against the back side of the pedestal. Lower the KVM assembly into the pedestal and temporarily hold the assembly to prevent it from falling all the way into the pedestal.

   d. Attach the KVM bracket to the pedestal with the provided two 6-32 screws and washers. Use stainless steel screws for stainless steel pedestals or black screws for black pedestals.

   e. Complete installation of the monitor per the instructions in the user manual, along with the video cable, power cable, and USB cable (for keyboards) from the KVM Remote Module into the Universal Mount Monitor. Secure the screw locks on the video cable. For touch screen units, connect the USB cable from the KVM Remote Module to the monitor's touch screen port. A cable retention bracket comes installed on the USB port on the monitor and will help to secure the cable and ensure adequate strain relief. Without removing the retention bracket, route the USB cable through the end of the bracket and into USB input port on the monitor.