

# Avocent® HMX 6200 DP

## High Performance KVM Extender System



### Quick Installation Guide

The Vertiv™ Avocent HMX 6200 DP high performance KVM extender system offers flexible ways to link peripherals and systems across standard networks by encoding high quality DP video, digital audio and USB data into IP messages. Prior to completing the following steps, ensure your computer is turned off.

**NOTE:** All references to the installer/user guide in this document refer to the Vertiv™ Avocent® HMX High Performance KVM Extender System Installer/User Guide.

#### 1. Connecting transmitter video

Connect the DP video link cable from the primary video port on the computer to video port 1 on the rear of the transmitter. If your configuration supports the second video link, connect the DP video cable from the secondary video port on the computer to video port 2 on the rear of the transmitter.

#### 2. Connecting other transmitter peripherals

For speakers/microphones, attach the cable to the appropriately labeled transmitter port. If your computer is equipped with separate speaker and microphone ports, use an audio splitter cable (not supplied) to reduce the speakers and microphone cables to a single plug for attachment to the transmitter.

Plug the type B connector of a USB cable into the designated USB transmitter port and the other end into a USB computer port.

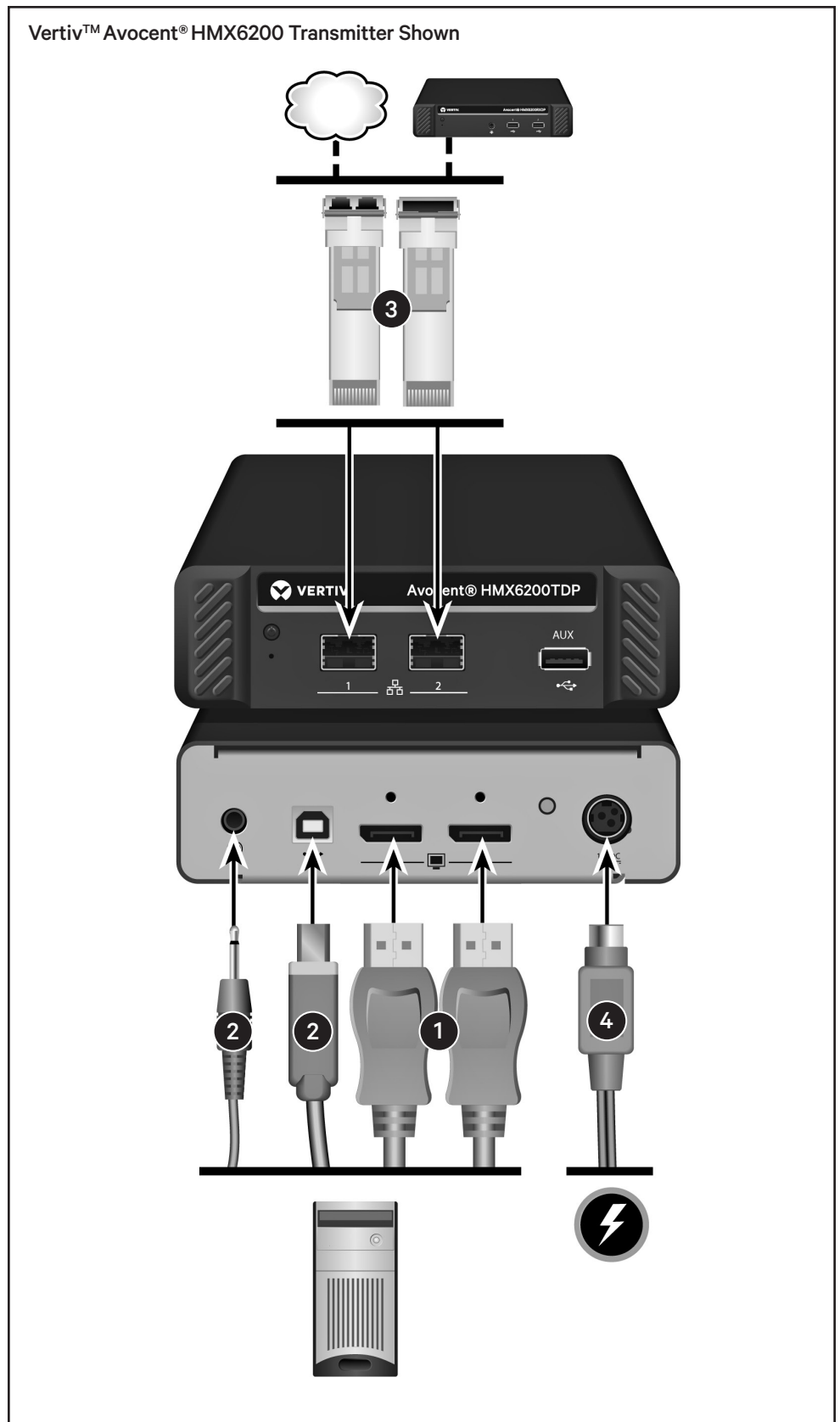
#### 3. Connecting the transmitter to the receiver

The HMX 6200 extenders may be connected directly or in a matrix configuration.

**NOTE:** All references to CAT cables include CAT 5, 5e, 6 or 7.

##### DIRECT CONNECTION

Insert a fiber channel or active copper SFP module into either of



the SFP system ports on the front of the transmitter. Connect the applicable fiber optic link or CAT cable into the module, then insert the other end into an SFP inserted into either of the SFP system ports on the rear of the receiver.

If the HMX 6200 extenders are operating in a direct connect configuration, the configuration utility can be accessed by inserting the included active copper SFP module into either SFP port. Connect one end of a CAT cable to the module on the front of the transmitter and the other end directly to a laptop's Ethernet port.

**NOTE:** See the installer/user guide for further information on these ports and the configuration utility.

**MATRIX CONNECTION**

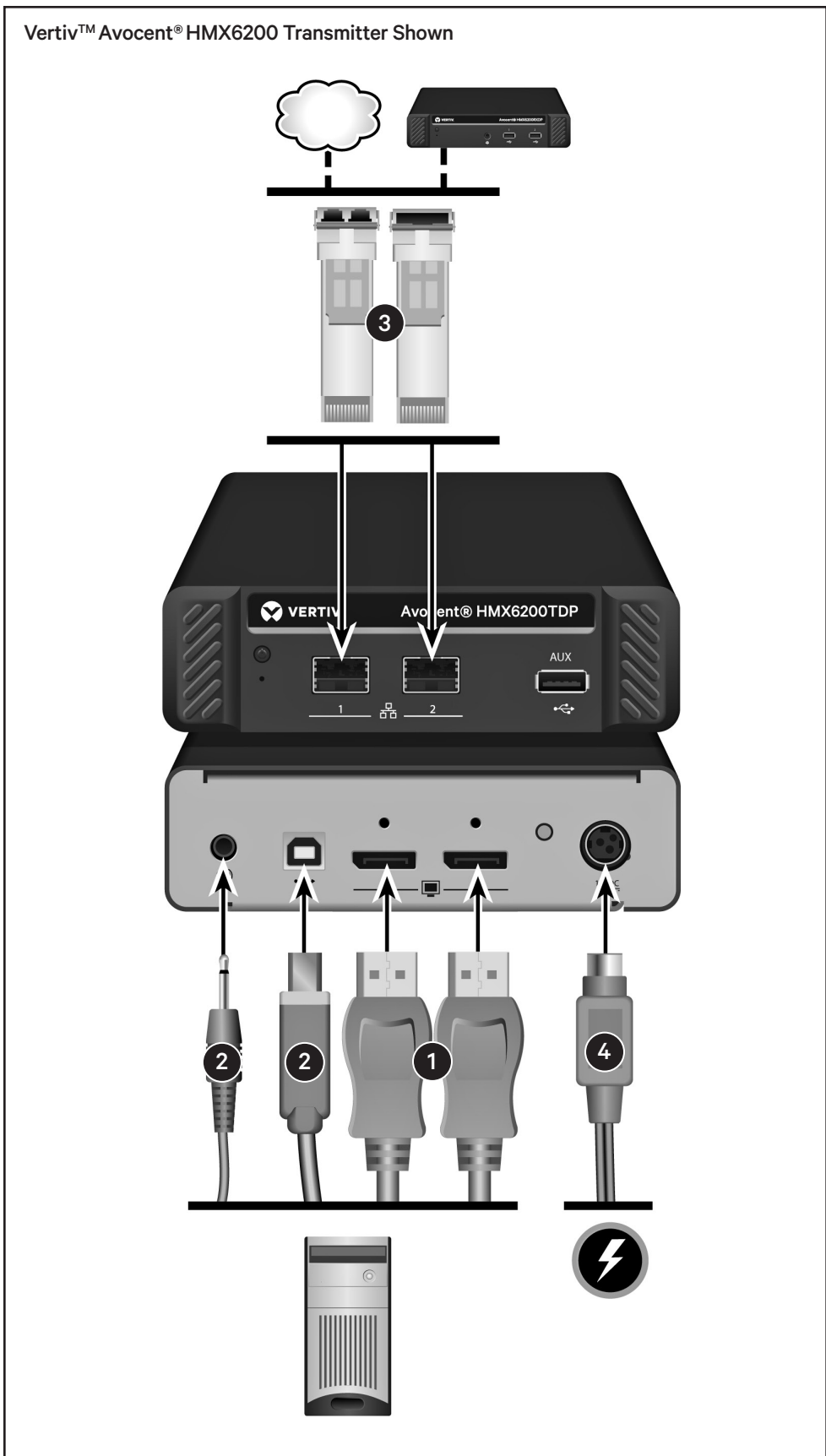
Insert a fiber channel or active copper SFP module into either of the SFP system ports on the front of the transmitter. Connect the applicable fiber optic link or CAT cable into the module, then insert the other end into the appropriate port on the Gigabit Ethernet switch.

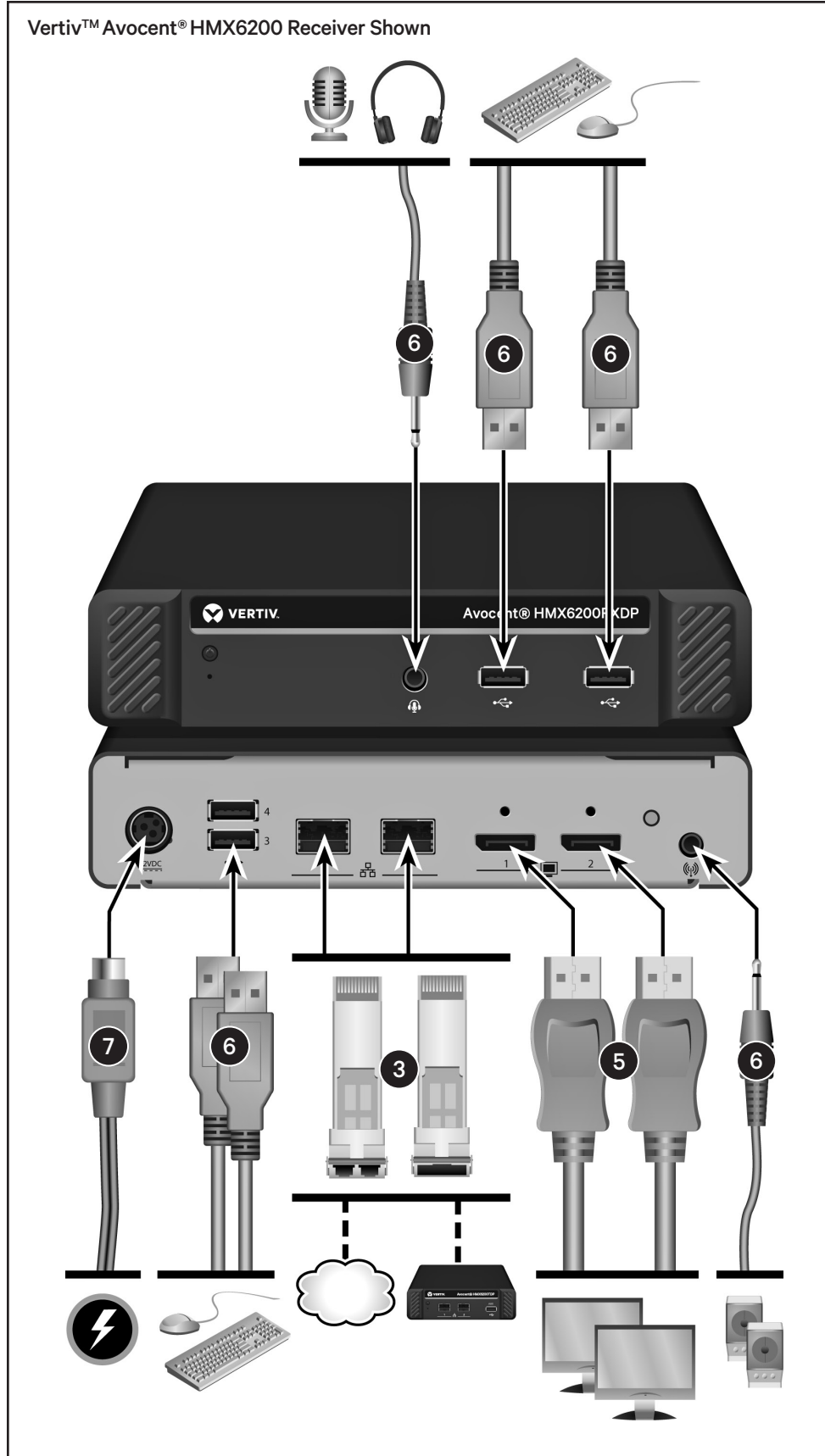
Insert a fiber channel or active copper SFP module into either of the SFP system ports on the rear of the receiver. Connect the applicable fiber optic link or CAT cable into the module, then insert the other end into the appropriate port on a Gigabit Ethernet switch mounted on the same network to which the transmitter is connected.

**MATRIX CONNECTION – Dual connection**

For improved video quality or increased bandwidth, both SFP system ports can be used concurrently.

For dual connection, follow the steps outlined above in the MATRIX CONNECTION section for both SFP ports.





#### 4. Connecting transmitter power

Assemble the power adaptor and the power cord. Insert one end of the power cord into the transmitter and plug the other end into an appropriate power source.

Turn on the computer.

#### 5. Connecting receiver video

Connect a DisplayPort video cable from the monitor to DisplayPort 1 on the back of the receiver. If your configuration supports the second video display, connect a DisplayPort cable from a second monitor to DisplayPort 2 on the back of the receiver.

**NOTE:** See the installer/user guide for more information on supported video resolutions.

#### 6. Connecting other receiver peripherals

For audio speakers attach the cable to the appropriately labeled port on the rear of the receiver. The audio port on the front of the receiver may be used for the attachment of a headset with microphone. Connect the keyboard, mouse and any other USB devices by plugging their USB connectors into any of the four USB ports (two on the front and two on the rear) of the receiver.

#### 7. Connecting receiver power

Assemble the power adaptor and the power cord. Insert one end of the power cord into the receiver and plug the other end into an appropriate power source.



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