

Adder KVM Switches



KVM switches and extenders from Adder

- Recommended KVM switches and extenders for DeltaV systems
- Products in Alliance Program
- Enhanced Warranty and Customer Support

Introduction

Over the years, our customers have been asking Emerson for a recommended solution for KVM extenders and switches for DeltaV systems. KVM extenders and switches were brought into our laboratories for extensive testing with DeltaV systems. The KVM products from Adder demonstrated exceptional quality and value. Going forward, Adder extenders and switches are the only recommended KVM products for DeltaV systems.

Benefits

Enhanced warranty.

Adder's standard warranty period is 2 years. If a product is found defective while under warranty, Adder's standard procedure requires the customer to return the defective unit to Adder. Once Adder receives the unit, a new one is sent out. For DeltaV customers, this procedure is not optimal.

For the Alliance Program, Adder has agreed to ship out a replacement unit to the customer within 24 hours of fault verification. The customer has 15 days to return the original unit to Adder. If the original unit is not received within 15 days, Adder will invoice the customer for the new unit.

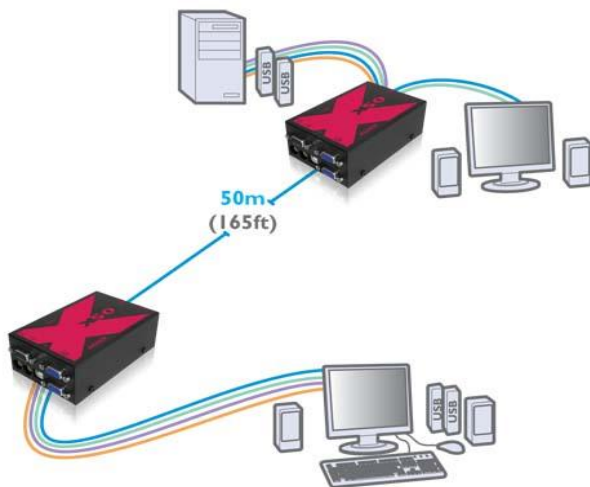
Adder Products in EET

The Adder KVM products will be entered into the EET buyout database and tagged as Alliance products. Since Adder is the only recommended KVM solution for DeltaV systems, any variance to Adder will be flagged and require VP approval.

Product Description and Specification

A KVM switch is a hardware device that allows a user to control multiple computers from a single keyboard, video monitor and mouse. A KVM extender allows a user to control a DeltaV workstation from a keyboard, video monitor and mouse located at a certain distance from the workstation. In many cases, IT staffs are placing DeltaV workstations in server rooms for security reasons and facility constraints. DeltaV operators need to be able to view DeltaV screens and to control workstations located in a server room or other remote location through a KVM extender. Furthermore, operators need the ability to hear alerts and to print locally through KVM products.

The majority of KVM configurations for a DeltaV system is as a point-to-point extension for an operator with their DeltaV workstation. In this situation, a KVM extender is usually deployed. Figure 1 below depicts a typical configuration.



On other occasions, an operator or the IT staff needs to communicate with multiple workstations. A KVM switch allows one user to access and to control multiple workstations from a single KVM. A typical KVM switch configuration is shown in Figure 2.

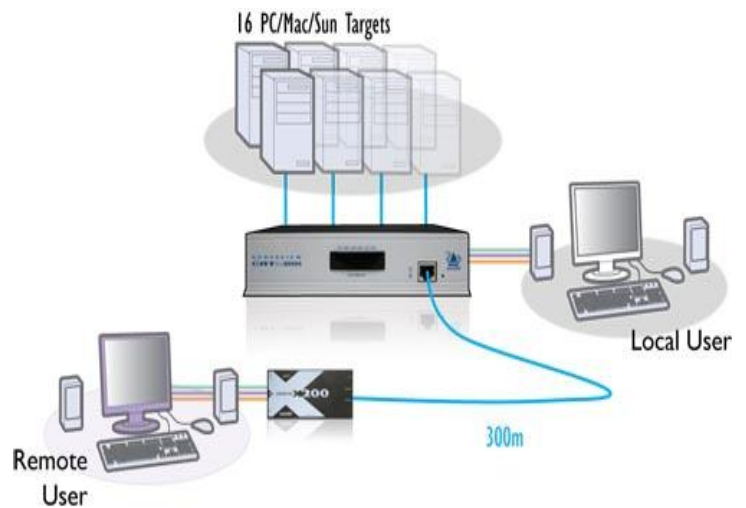
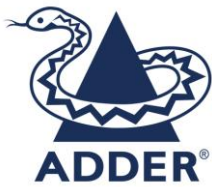


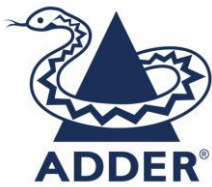
Figure 2 Sample KVM switch configuration



Ordering Information

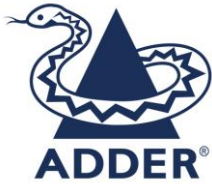
The following products from Adder are in the Alliance Program

Offering	Description	Website
X50-MS2-XX	KVM extender up to 50 meter USB, Dual VGA monitor and Audio extender over CATx cable	http://www.adder.us/products/AdderLinkX50ms.aspx?sid=
X2-MS2-XX	Dual VGA monitor, PS/2, Audio and RS232 extender to 300 meters over CATx cable	http://www.adder.us/products/ADDERLINKX-SERIESX2-MultiScreen.aspx?sid=
X2-MS4-XX	Quad VGA monitor, PS/2, Audio and RS232 extender to 300 meters over CATx cable	http://www.adder.us/products/ADDERLINKX-SERIESX2-MultiScreen.aspx?sid=
AVX1008-XX	Single user 8-port CATx style KVM switch	http://www.adder.us/products/AdderViewCATx1000.aspx?sid=
AVX1016-XX	Single user 16-port CATx style KVM switch	http://www.adder.com/uk/products/AdderViewCATx1000.aspx
AVX4016-XX	Quad user 16-port CATx style KVM switch	http://www.adder.com/uk/products/AdderVIEWCATxSeries.aspx
AVX4024-XX	Quad user 24-port CATx style KVM switch	http://www.adder.com/uk/products/AdderVIEWCATxSeries.aspx
X200/R-XX	USB and VGA user station for use with CATx style KVM switches	http://www.adder.us/products/AdderLinkX200.aspx
X200A/R-XX	USB, VGA and audio user station for use with CATx style KVM switches	http://www.adder.us/products/AdderLinkX200.aspx
X200AS/R-XX	USB, VGA, Audio user station with Skew Compensation for use with CATx style KVM switches	http://www.adder.us/products/AdderLinkX200.aspx



Offering	Description	Website
CATX-USB	USB and VGA dongles for use with CATx style KVM switches	No website
CATX-USBA	USB, VGA and audio dongles for use with CATx style KVM switches	No website
CATX-PS2	PS/2 and VGA dongles for use with CATx style KVM switches	No website
CATX-PS2A	PS/2, VGA and audio dongles for use with CATx style KVM switches	No website
CCP2U	USB to PS/2 adaptor for use in connecting X2-MS2 or X2-MS4 extender to USB only computer	No website
KMU2P	PS/2 to USB adaptor for use when a USB keyboard and mouse are required for use with X2-MS2 or X2-MS4 extender	No website
RMK-ALIP	Rackmount bracket for AVX1008 or AVX1016	No website
X-RMK-CHASSIS	2U metal chassis for rackmounting X-Series extenders	No website
X-RMK-FASCIA-DUAL	Faceplate for securing X50-MS2 into X-RMK-CHASSIS	No website

XX= Lead Country Code:
 UK = United Kingdom
 US = United States
 EURO = Europe
 AUS = Australia



Configuration Guide

For workstations located within 50 meters

For dual monitor: X50-MS2-XX (refer to country code above)
For quad monitor: Order two (2) X50-MS2-XX

For workstations located within 300 meters

For dual monitor: X2-MS2-XX (refer to country code above)
CCP2U (only needed for USB connection)
KMU2P (only needed for USB connection)
For quad monitor: X2-MS4-XX
CCP2U (only needed for USB connection)
KMU2P (only needed for USB connection)

For multiple workstations

For local user AVX1008-XX (refer to country code above)
CATX- USB or CATX-USBA for USB connections. One per workstation connection
CATX-PS2 or CATX-PS2A for PS/2 connections. One per workstation connection
For local or remote user AVX1008-XX, AVX1016-XX, AVX4016-XX, AVX4024-XX (refer to country code)
CATX- USB or CATX-USBA for USB connections. One per workstation connection
CATX-PS2 or CATX-PS2A for PS/2 connections. One per workstation connection
Select one of the following: X200/R-XX, X200A/R-XX, X200AS/R-XX

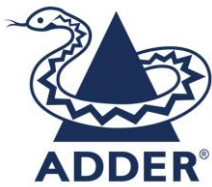
For rackmount

For extenders X-RMK-CHASSIS (16 available slots)

- X50-MS2 takes 2 slots. Needs X-RMK-FASCIA-DUAL faceplate
- X2-MS2 takes 2 slots. Faceplate included in box
- X2-MS4 takes 4 slots. Faceplate included in box

Adder Contact information

To order Adder products, please contact the Adder representative in your geographic region.

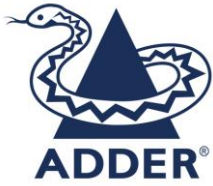


North America

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<p>JB Connexions 5 McIntosh Drive Unit 6 Markham, ON L3R 8C7 Canada Contact: Jeannette Olmos</p>	<p>Local: 905-475-9555 x223 Fax: 905-475-6869 Email: jolmos@jbconnexions.com</p>

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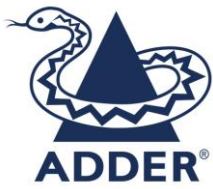
<p>Adder Corporation 350R Merrimac Street Newburyport, MA 01950</p>	<p>Local: +1 978-499-2105 Fax: +1 978-499-0540 Email: tim.conway@adder.com</p>
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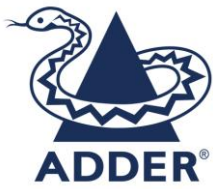
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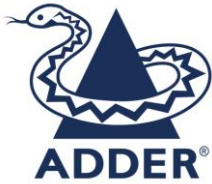
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Warranty Description

Warranty issues are handled directly with Adder.

The Alliance Program has negotiated an enhanced warranty with Adder.

Adder's standard warranty period is 2 years. If a product is found defective while under warranty, Adder's standard procedure requires the customer to return the defective unit to Adder. Once Adder receives the unit, a new one is sent out. For DeltaV customers, this procedure is not optimal.

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Adder will also hold inventory of Alliance products to insure availability of products.

Note: During testing, slight ghosting was observed on the right hand side of the application dialog box when a CAT5/CAT6 cable is connected with either KVM switch or KVM extender. This was observed only on the blue background screen (Emerson start up screen).

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