



# MIGHTER MLNM KVM Extender Switch

Fully featured USB keyboard, video and mouse extender with 44.1kHz digital stereo audio support for two computers.

Mightier MLNM KVM Extender Switches have been designed for use in applications where up to two computers can have their keyboard, video, audio and mouse control extended up to 300 m (1000 ft.) across CAT5 or higher UTP cable. The Mightier MLNM KVM Extender Switch provides absolute real time keyboard and mouse performance along with hi-definition, hi-resolution video over a VGA interface. The Mightier MLNM KVM Extender Switch receiver can also be used as a remote user station for the Mightier CATx range of KVM switches.



## FEATURES

### Video performance

Industry leading resolutions of:  
1920 x 1200 to 50 m (165 ft.)  
1600 x 1200 to 200 m (650 ft.)  
1280 x 1024 to 300 m (1000 ft.)

### Video compensation

The Mightier MLNM KVM Extender Switch applies 128 steps of signal compensation enabling fine picture adjustments.

### Brightness control

The Mightier MLNM KVM Extender Switch offers its own brightness correction to ensure images are crisp, clear and bright.

### Integrated De-Skew

The Mightier MLNM KVM Extender Switch AS/R model has integrated skew correction with a 300MHz bandwidth (¼ of a pixel movement at 1600 x 1200 resolution). This removes the video skew issues that can be caused by longer CATx cables.

### Two port integrated KVM switch

Each receiver is fitted with two ports to enable connection to a local and remote computer, or two remote computers. The user can quickly select between these ports using keyboard hotkeys or mouse control. Individual video brightness, compensation and skew settings can be applied to each connection.

### Flexible system configuration

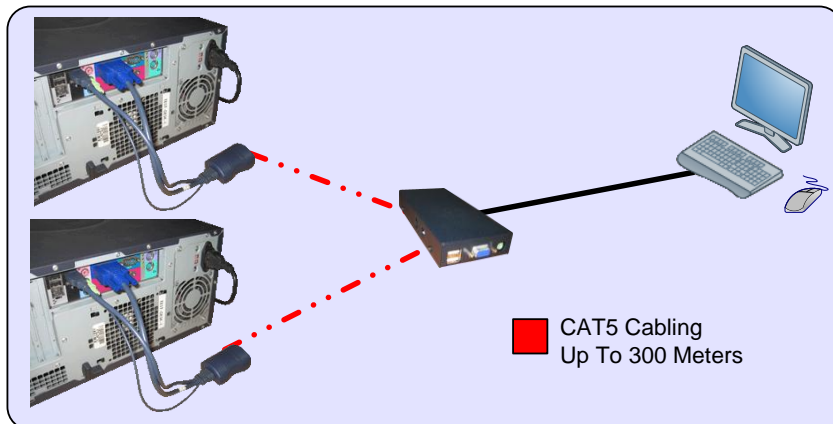
Each receiver may be connected to one or two USB, PS/2 or Sun style computer access modules. Furthermore, the MLNM KVM Extender Switch receiver unit may be used as the remote user station for any Mightier CATx KVM switch.

### Emulated DDC

Unless an extender actively supports DDC some well known high performance video cards cannot be used at high resolutions. The Mightier MLNM KVM Extender Switch fully supports DDC.

### Digital audio

44.1kHz digital stereo audio delivers high fidelity audio for speakers.





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## TECHNICAL SPECIFICATIONS

<b>Hardware compatibility:</b>	Supports PC, RS/6000, Alpha, SGI, Sun and Apple with USB keyboard and mouse, and VGA or DVI video interfaces
<b>Software compatibility:</b>	Operates with all known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, all Sun OS, all Mac OS, NetWare etc.
<b>Computer connections at switch:</b>	USB2.0 type B, Dual-link DVI-I, 3.5mm stereo jack
<b>Local KVM console connection:</b>	Video: Dual-link DVI-I Keyboard/Mouse: 2 x USB type A Switched USB: 2 x USB2.0 type A Audio: 3.5mm stereo jack Other Connections: Options (flash upgrade, sync with other AV4PRO-DVI and RS232 triggered power switches): Modular 10P10C
<b>Physical design:</b>	1U high metal case 233mm (w), 115mm (d), 44mm (h)
<b>Power:</b>	2.5mm DC jack (power adapter included), 100-240VAC 50/60Hz input to power adapter, 5VDC 2A output from power adapter
<b>Operating temperature:</b>	0°C to 40°C / 32°F to 104°F
<b>Approvals:</b>	CE, FCC
<b>Order Codes</b>	Additional Computer Access Modules (for second computer): <b>CBLE-2028</b> (PS2 computer access module) <b>CBLE-2029</b> (PS2 computer access module with audio) <b>CBLE-2044</b> (Computer access module with audio for Sun) <b>CBLE-2068</b> (USB computer access module) <b>CBLE-2069</b> (USB computer access module with audio) <b>CBLE-2070</b> (USB computer access module with serial)

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