



# ADDERLink X50 & X50-MultiScreen Extenders

Fully featured, fully transparent low/full speed USB, high quality video and 44.1 kHz digital stereo audio extender over a single CATx cable.

AdderLink X50s have been designed for use in applications where computers can have their USB peripherals including keyboards and mice, high quality video and audio control extended up to 50m (150 ft.) across CAT5 or higher UTP cable. The AdderLink X50 provides sharp, bright and ultra high-resolution video over a VGA interface and ensures total USB compatibility regardless of the computer being controlled or the peripheral being extended.

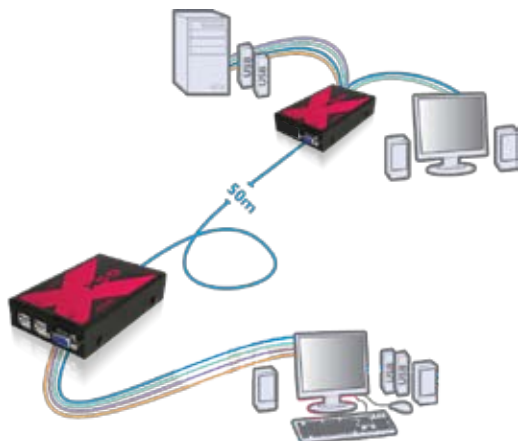


## AdderLink X50-MultiScreen

The AdderLink X50-MultiScreen adds a second video and transparent, high speed RS232 up to baud rates of 19200. This extra functionality adds to the diverse range of solutions for which the AdderLink X50 can be utilised including the extension of computers with dual monitors and allow it to be used in touch screen and interactive kiosk applications.

## High density rack mount option

Being part of Adder's X series range of KVM extenders, the AdderLink X50 units can be mounted into a chassis that will allow 16 (X50) or 8 (X50-MS) units to be housed in 2U of rack space.



## FEATURES

### Fully transparent low/full speed USB

Utilising a unique method of USB communication, the AdderLink X50 delivers the highest possible levels of USB compatibility. With an integrated 4 port hub the X50 supports all USB 1.1 and 2.0 low/full speed devices.

### Video performance

Crisp, clear and industry leading video quality at very high resolutions of 1920 x 1200 to 50m (150 ft.)

### Video compensation

The AdderLink X50 allows for a great range of very smooth and fine adjustments enabling the user to adjust the video picture to their exact preference.

### True DDC Emulation

Unless an extender actively supports DDC some high performance video cards cannot be used at high resolutions. The AdderLink X50 fully supports 2-page DDC ensuring all possible resolutions are supported.

### Fully platform independent

As the AdderLink X50 supports fully transparent USB connections it is able to support all common hardware platforms including PC, Sun and MAC and their associated peripherals.

### Digital audio

Adder's unique digital transmission of audio signals means the AdderLink X50 delivers clickless, 44.1 kHz CD quality, stereo audio without the need for an additional CATx cable.

### Dual Access

For local control of extended computers the AdderLink X50 provides both a local video and audio output at the transmitter unit. (USB devices can be plugged directly into the computer).

### Extended common mode input range

To ensure full operation in all environments and avoid problems such as screen blanking in industrial environments caused for example by large electrical equipment switching, the AdderLink X50 implements a special termination system that allows the common mode range to be extended.



# ADDERLink X50 & X50-Multiscreen Extenders

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## TECHNICAL SPECIFICATIONS

<b>Video Resolution</b>	1920 x 1200 x 60Hz at distances up to 50m / 150 ft.
<b>Extension Distance</b>	Up to 50m / 150 ft. using CATx cable (x=5,5e,6)
<b>Devices Supported</b>	Supports all computers with USB style keyboards and mice, HDD15 video connectors and audio through 3.5 mm audio jack. Supports all USB devices.
<b>O/S Compatibility</b>	All known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, Sun OS, Solaris, Mac OS, NetWare etc.
<b>Connectors (local / computer)</b>	<b>AdderLink X50: Video input/output: HDD15, Keyboard/Mouse/USB devices USB type B, Audio input/output: 3.5mm jack, CATx: RJ45 connector, Power: 2.5mm DC jack</b> <b>AdderLink X50-MultiScreen: Same as X50 plus extra Video input/output: HDD15 and Serial: DB9</b>
<b>Connectors (remote / console)</b>	<b>AdderLink X50: Video: HDD15, Keyboard/Mouse/USB devices: USB Type A hub, Audio: 3.5mm jack, CATx: RJ45 connector, Power: 2.5mm DC jack</b> <b>AdderLink X50-MultiScreen: Same as X50 plus extra Video: HDD15 and Serial: DB9</b>
<b>Physical (local / computer)</b>	<b>AdderLink X50: All metal case, 120mm / 4.7" (w) x 75mm / 3"(d) x 26mm / 1" (h) 430g / 1 lb.</b> <b>AdderLink X50-MultiScreen: All metal case, 120mm / 4.7" (w) x 75mm / 3"(d) x 44mm / 1.7" (h) 430g / 1 lb.</b>
<b>Physical (remote / console)</b>	<b>AdderLink X50: All metal case, 120mm / 4.7" (w) x 75mm / 3"(d) x 26mm / 1" (h) 430g / 1 lb.</b> <b>AdderLink X50-MultiScreen: All metal case, 120mm / 4.7" (w) x 75mm / 3"(d) x 44mm / 1.7" (h) 430g / 1 lb.</b>
<b>Power (remote only)</b>	100 - 240VAC, 10W , 50-60Hz
<b>Operating temperature</b>	0°C to 40°C / 32°F to 104°F
<b>Approvals</b>	CE, FCC
<b>Order Codes</b> (XX= Mains Lead Country Code: UK = United Kingdom US = United States EURO = Europe AUS = Australia)	Extender pair packages (X50/X50 MultiScreen Local and Remote units): <b>X50-XX</b> <b>X50-MS-XX</b>

Local, Remote and Global Computer Control



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