

# Adder ALGTX-ALGRX AdderLink Gold KVM Extender with remote KVM switch and local control

## DESCRIPTION:

AdderLink Gold - KVM extension with remote KVM switch and local control.

Like the other AdderLink products, the AdderLink Gold enables a computer or KVM switch to be controlled remotely over up to 200m (650 ft) of UTP cable. The Gold features a 'feed through' port at the local transmitter that enables a local KVM console to be used to control the computer or KVM switch connected to the local unit. The local and remote KVM consoles contend for computer access (ie they both get the same video picture) although the local console may grab exclusive access if necessary.

The integral KVM switch fitted to the remote (receiver) unit enables the remote KVM console to select between locally or remotely connected computers. AdderLink Gold extenders are fitted with microphone and stereo audio support and are supplied as standard with a range of other useful features including password security. Rack mount kits are available for both local and remote units.

## FEATURES:

- High video quality at a resolution of up to 1600 x 1280
- Supports microphone and stereo audio connections
- Integrated KVM switch at receiver and 'feed through' port at transmitter provide flexible control
- Compatible with desktop and laptop PCs, RS/6000 and SGI computers (plus Sun and Mac with Adder's CCUSB and CCSUN cables)
- Compatible with all major operating systems including DOS, OS/2, UNIX, Windows, Netware and Linux
- LEDs show the status of connected devices
- Distances of up to 200m supported between transmitter and receiver

## SPECIFICATION:

**Video resolutions** - 1600 x 1280 at distances up to 100 meters/330 feet, 1024 x 768 at distances up to 200 meters/650 feet.

**Extension distance** - Up to 200 meters / 650 feet using CATx cable (x=5,5e,6,7).

**Extension technology** - Differential analog signalling for video and audio signals, differential digital signalling for PS/2 keyboard, PS/2 mouse, RS232 signals. Signals are multiplexed so that only one CATx cable is required.

**Devices supported** - Supports PS/2 style keyboard, PS/2 style mouse, flat-screen and CRT style monitors with standard HD-15 video connectors, 3.5mm audio connectors for speaker and microphone support. Also extends a transparent RS232 connection that may be used for touch-screens or a wide variety of other serial devices.

**Local Console** - Enables the computer or KVM switch to be controlled by a local keyboard, monitor, mouse and audio.

**Remote KVM switch** - Enables the screen keyboard, mouse and audio of the users PC to control both the desktop PC and the remote PC/KVM switch.

**Video compensation** - Adjustable video compensation amplifiers enable the video sharpness to be adjusted using the keyboard. Coarse and fine adjustment control is provided for quick setup. Settings are persistent even when the AdderLink is powered off which means that setup only needs to be done once. Brightness adjustment is automatic.

**Keyboard control** - The cable equalisation are controlled in 'configuration mode' using the keyboard attached to the remote (KVM console-end) unit. Configuration mode is accessed using keyboard hotkeys. These hotkeys may also be used to lock the remote unit (if a password has been set). Hotkeys are variable and may be disabled if required. Feedback is provided to the user using the keyboard num, caps and scroll lights.

**Indicators** - The remote and local units are fitted with a link/activity indicator that shows the link status and indicate keyboard and mouse data activity.

**Computer / KVM switch compatibility** - Compatible with desktop, rack mount and laptop PCs with PS/2 keyboard and mouse connections. May also be used with RS/6000, Alpha and SGI computers and a wide range of KVM switches. Adder can provide a range of KVM switch and conversion cables for connection to PC, Sun and Macintosh computers that have USB or Sun (8-pin) connectors.

**Operating system compatibility** - Compatible with all major operating systems including DOS; OS/2; UNIX; MS Windows 9x, NT, 2000, XP, NetWare and RS6000.

**Keyboard support** - Supports PS/2 style keyboards with 6-pin mini-DIN connectors. Operates in modes, 1, 2 and 3 and supports individual typematic states per key. Supports standard layout keyboards and enhanced 'Internet style' keyboards with extra keys. Supports all keyboard language layouts.

**Mouse support** - Supports a wide range of PS/2 style 2 button, 3 button, wheel, IntelliMouse (3 button with wheel),