

Technical Specifications

SX-500 Specifications	
Video	
Signal	Analog signal: Red, Green, Blue 0.7 V p-p 75 Ohms
Resolution Distance	640x480 1000ft; 800x600 850ft; 1024x768 700ft; 1200x1024 600ft; 1600x1200 560ft.
Sync	Horizontal and Vertical TTL compatible
Bandwidth	300 MHz
Keyboard	Standard PS/2 Compatible
Mouse	Standard PS/2 Compatible
RS232	Half Duplex (Max 57.6 kbps)
Audio	Stereo Unbalanced 3.5mm jack socket
Power	5VDC 1A
Physical	
Dimensions W x D x H	109x166x30mm (4.29x6.54x1.18in)
Weight	.57 kg (1.26lb)
Enclosure	Steel

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Rack Mountable Option



Our SmartRack is the perfect solution to allow virtually all SmartAVI devices to be custom mounted in a standard 19" server rack. The SmartRack is fully adjustable and can secure/organize several devices.

Smart-AVI
SMART AUDIO VIDEO INNOVATION

SmartAVI, Inc. / Twitter: smartavi
11651 Vanowen St. North Hollywood, CA 91605
Tel: (818) 503-6200 Fax: (818) 503-6208
<http://www.SmartAVI.com>

Smart-AVI
Smart Audio Video Integration

User Manual

SX-500



Uses a single CAT5 to extend
Keyboard, Video, Mouse, Audio and RS232
to a remote location up to 1000 ft. away.

www.smartavi.com

Introduction

The SX-500 is a combination of transmitter and receiver devices designed to allow access to the PC from a keyboard, mouse, and monitor at a remote location up to 1000 ft. away.

Features

- Provides remote access to the PC with keyboard, mouse and monitor.
- Uses a single CAT-5 UTP cable to reduce installation costs.
- Extends signals up to 1000 ft.
- Supports all PC/AT and PS/2 keyboards with full emulation.
- Caps Lock, Num Lock, and Scroll Lock are automatically saved and restored.
- Supports full emulation and conversion on all PC/AT and PS/2 mice.
- Recognizes and supports a mix of PC/AT and PS/2 mice.
- Compatible with Windows, NT, OS/2, UNIX, Linux, and other operating systems.
- Supports computer monitors with resolutions of up to 1600x1200.
- Offers adjustable cable compensation.
- Compact metal enclosure.
- Supports stereo audio.
- Supports RS232 from 300bps to 19,200 bps.
- Compensation for each color.

What's in the box?

SX-500

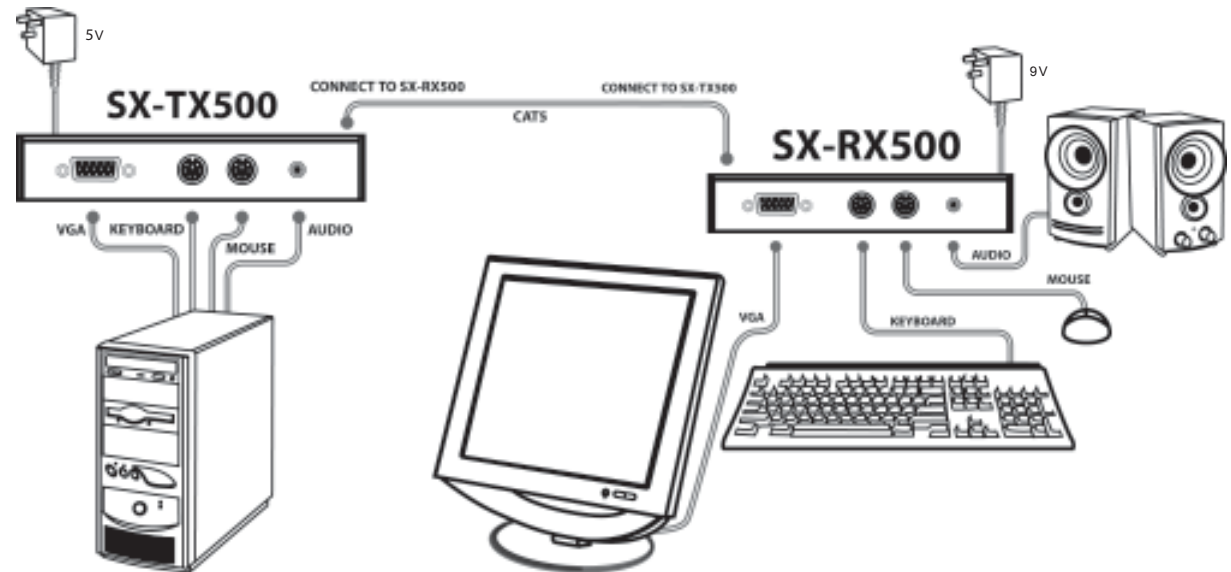
Please check the contents of the package before beginning installation.

SX-500 Package Content		
Qty	Description	Part Number
1	SX-500 Transmitter	SX-TX500
1	SX-500 Receiver	SX-RX500
2	5V DC 2A Power Supply	PS-5D2A-US
1	Male to Female KVM	CC-KVMMF-06

Optional Accessories		
1	3.5mm Stereo Audio Cable	CC-MMAMM-06

Installation Diagram

Before you power up, ensure that all cables are properly connected as shown in the diagram below.



Installation Instructions

System Power Up

1. Connect the 5 volt power supplies to the transmitter and receiver.
2. Turn the system on by plugging in the power adapter, if it is not yet connected.
3. Power up your computer.
4. Observe to see if both transmitter and receiver power LEDs are ON, and computer has finished the boot up process.
5. Observe monitor at receiver end to see if signal is going through.

Quickstart

1. Connect the video out, keyboard and mouse ports on your computer to the transmitter using the supplied KVM cable.
3. Connect the power adapter to the transmitter and the receiver.
4. Optional - Connect the RS232 on your computer to the RS232 port on the transmitter unit.
5. Connect a CAT5 cable to the transmitter and run it over to the receiver.
6. Connect peripherals to the receiver. I.E. keyboard, mouse, monitor, and optionally a serial device.
7. Once everything is connected power on your computer and the SX-500 unit.