

## Consolidate Multiple CPU's in one location, while extending your reach using CAT5 cables

The DEX16P group extender connects multiple computers in a centralized location to multiple workstations with their own keyboards, monitors and mice. A Video Automatic Gain Control system compensates for signal loss, allowing users to be located up to 1000 feet away from the control station, via an inexpensive UTP CAT5 cable.



### FEATURES

- ▲ Provides remote access of the PC with keyboard, mouse and monitor.
- ▲ Uses single CAT-5 UTP cable to reduce installation costs
- ▲ Users can be located up to 1000ft/200m away
- ▲ Supports RS232 from 300 bps up to 38,400 bps
- ▲ 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 resolution of up to 1600x1200
- ▲ Offers adjustable cable compensation
- ▲ Supports resolution up to 1600 x 1200
- ▲ Extends signal to a maximum of 1,000 ft
- ▲ Supports stereo audio
- ▲ Allows for CPU to be securely away from workstations
- ▲ Video automatic gain control system compensates for signal loss
- ▲ 3U metal enclosure

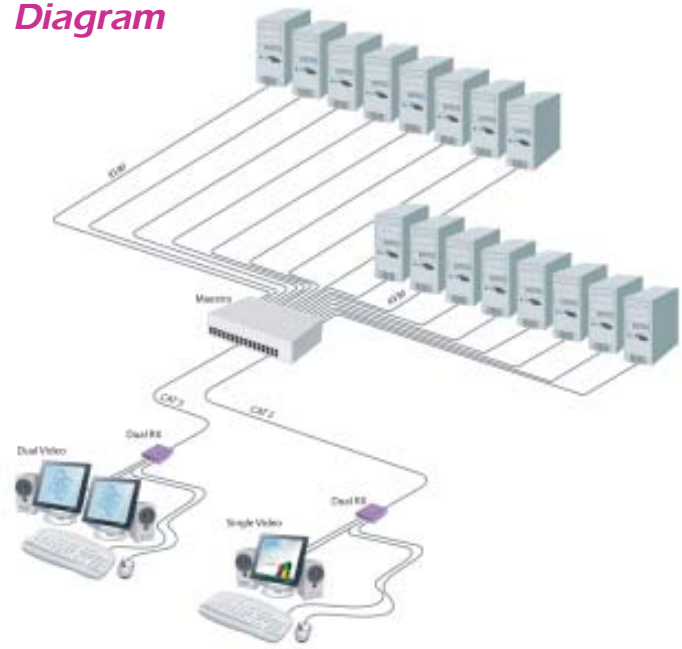


Transmitter



Receiver

## Application Diagram



### Sharing

Enables easy access to one server from remote location. Facilitates data sharing among departments.

### Management

Allows a number of network managers to control and access various servers from a remote KVM.

### Security

Safeguards the servers by storing them in a secure and climate controlled environment while still providing access from the production floor.

### Saving

Saves equipment costs, physical space and utilities expense.

### Productivity

Increases productivity by facilitating testing and performance evaluation of software and equipment, on multiple servers, from a single keyboard mouse and monitor station.

### Multimedia

Can be used in multimedia presentations, where the presentation information is broadcasted to various KVM.

## SPECIFICATIONS

ITEM	DESCRIPTION
CPUs	IBM PC
Keyboard, Mouse	PS/2, Wheel Mouse
Video Signal	Analog Signal: Red, Green, Blue 0.7 Vp-p/75 ohms positive
Resolution	1600x1200 (200MHz)
Sync	TTL Compatible
RS232	Data up to 38,400bps
Software	Independent
Power	240V/110V
CPU Connection	HD15 female for the video input and output MINIDIN6 female for the keyboard mouse jack stereo 3.5mm for audio in and out
System Connection	RJ45 connected to CAT-5 UTP
Audio	Bandwidth 15kHz Signal level 0dB unbalanced Input Impedance 10K ohms Output Impedance 100 ohms Connector 3.5mm stereo jack

## ORDER INFO

MODEL	DESCRIPTION
DXP16P-TX	Rack Desktop Transmitter 16 Port
DXP16P-RX	Rack Desktop Receiver 16 Port
SX-TXPCB	Single Transmitter Board KVM Audio/RS232
SX-RXPCB	Single Receiver Board KVM Audio/RS232
SX-TX500	Single Transmitter Desktop Unit
SX-RX500	Single Receiver Desktop Unit

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