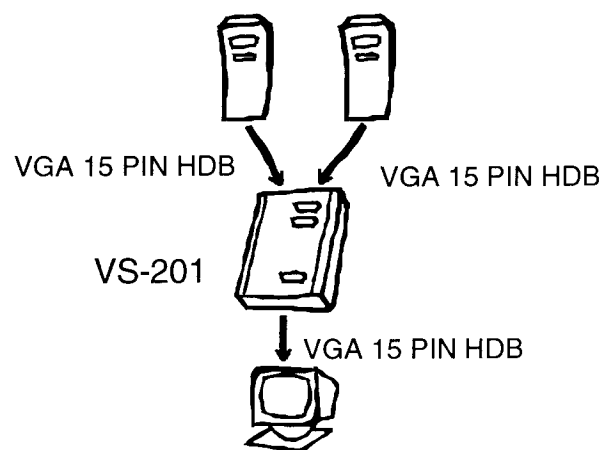# INTRODUCTION

The Video Auto Switch, VS-201, is an automatic video switch ideal for monitors using analog signals. Besides, the VS-201 boosts signals for long distance transmission up to 210 feet. A slide switch sets the priority of incoming video signals for display and the VS-201 automatically selects the proper input signal to its output port. Both features make the VS-201 an excellent choice for educational environments.

FEATURES

○ Suitable for SVGA, VGA and multisync monitors.
○ Automatically selects incoming signal by switch setting.
○ Extends video signals up to 210 feet (65M).
○ Daisy-chainable with VS-104 and VS-108.

Connection Example 1 :

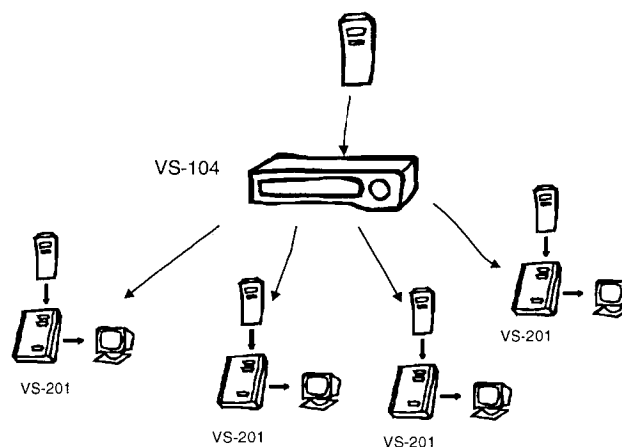VGA 15 PIN HDB   VGA 15 PIN HDB

VS-201

VGA 15 PIN HDB

INSTALLATION

1. Prioritize the input signal by the slide switch.
2. Connect your computer's video output signal to the VS-201's **"local"** port by a cable with high density DB-15 Male/Female connectors.
3. Connect a remote video signal to the VS-201's **"remote"** port by a cable with high density DB-15 Male/Female connectors.
4. Connect the monitor's video Input connector to the VS-201's **"Video out"** port.
6. Power on the VS-201 by the AC adapter.
7. In order for the VS-201 to detect input signals properly, you must set the **"video off method"** in the **"power management"** of the BIOS to **"Black Screen"** or similar.

   In order for the VS-201 to detect input signals properly. VS-201 detects input signals by checking H sync.
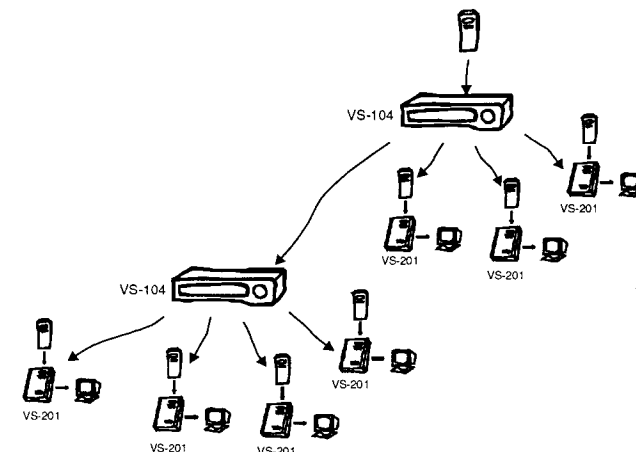
Connection Example 2 :

VS-104

VS-201

VS-201

VS-201   VS-201

VS-201

SPECIFICATIONS

FUNCTION	SPECIFICATIONS
Power consumption	AC 9V, 100mA (max.)
Cable length (output)	65M (210 ft.) (max.)
Signal type	VGA, SVGA, Multisync
Connector-Input	2 high density DB-15/Male
Connector-Output	1 high density DB-15/Female
Operation Temperature	5°C ~ 40°C
Stock Temperature	-20°C ~ 60°C
Humidity	0% ~ 80% RH, noncondensing
Enclosure	Metal
Weight	165g
Dimensions (LxWxH)	104 x 98 x 24 (mm)

Connection Example 3 :

VS-104

VS-201

VS-201   VS-201

VS-104

VS-201

VS-201

VS-201   VS-201

OPERATION

❏ **The slide switch is set to 'local'**

– Normally, the **"remote"** signal is presented on the output port. When the **"local"** signal is detected with its LED illuminating, the VS-201 automatically changes the output to the **"local"** signal.

❏ **The slide switch is set to 'remote'**

– Normally, the **"Local'** signal is presented on the output port. When the **"remote"** signal is detected with its LED illuminating, the VS-201 automatically changes the output to the `**"remote"** signal.

PREVENTING RADIO & TV INTERFERENCE

WARNING!!! This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

LIMITED WARRANTY

Products Introduction

USB series	The electronic interface between USB devices and the host. Include : 1 to 4 Hub.
Portable storage series	The most easily way to expand your PC system via parallel port and no LPT port is occupied. Include : for 2.5", 3.5" size Hard Disk and for 5 1/4" size CD-ROM models.
Video splitter series	The simplest solution for image duplication, cascade ability allows infinite numbers of VGA monitors display the same image. Include : 1 to 16 Rack mount 1U model, 1 to 2/4/8 desktop models, 1 to 5 for MAC users.
CPU switch series	Enable one set of console, a keyboard, a monitor and mouse, to control multiple CPUs. Include : 1 to 2/4/6 models for PC AT and PS/2 system and 1 to 4/8/16 Rack mount 1U or 2U models.
CPU sharing series	Enable one CPU to be shared by multiple sets of consoles. Include : 2/6 to 1 models for PC AT or PS/2 system.
Printer network series	Enable multiple uses to share multiple printers at the same time. Include : Centronics (parallel) & RS-232 (serial) models and they can be intermixed in a network.
Converter series	The ability to converter one type of signal to another.
Data Buffer series	Take care of your printer job for a lengthy document print, so you won't spend your time on waiting. Include : 1 to 1, 2 to 2, 4 to 2 parallel or serial with different memory size models.
Switch buffer series	A variation of the basic Auto Switch, in the mean time, sends data to printer, which cuts delay and wait time. Include : 2/4/8 to 1, 4 to 1/2 parallel models, buffer card has 256K, 1M, 2M bytes for your needed.
Auto switch series	Let you share your peripherals. Include : 2/4/8 to 1/2 bi-tronics may have file transfer, reversible, parallel or serial, 4 to 1 for MAC models. Bi-tronics parallel port has become a standard in the HP LaserJet IV series. It is compatible with Centronics parallel, yet provides enhanced features such as bi-directional communication higher data throughput and printer control. Reversible function help to solve the problem between multiple user and multiple peripherals at minimum cost.

VIDEO AUTO SWITCH

VS-201

User's Manual

Packing Checklist

○ VS-201   x 1
○ User's Manual   x 1
○ Adapter AC 9V 500mA (min.)   x 1

Please read this manual thoroughly and follow the installation procedures to prevent any damage to the VS-201 and/or the connecting devices.