

# What's in the Box?

PART NO.	QTY	DESCRIPTION
HKM-04	1	4X1 KVM HDMI, USB, Audio
Power Supply	1	PS5VDC4A

# Technical Specifications

VIDEO	
Format	HDMI 1.3b [Deep Color, xvYcc color space supported]
DVI Compliance	Single-link DVI-D 1.1
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	480i,480p,720i,720p,1080i,1080p
Input Interface	(4) HDMI[7.1ch audio & video]
Output Interface	(1) HDMI[7.1ch audio & video]
Connector	Type A[19-pin female]
Maximum Distance	25 ft.
AUDIO	
Frequency Response	20 Hz to 20 KHz
Impedance	600 ohm
Nominal Level	0-1.0 V
Common Mode	Rejection at 60dB
Input Interface	(4) 3.5 mm Stereo Audio
Output Interface	(1) 3.5 mm Stereo Audio
USB	
Signaling	USB 1.1 and 1.0
Input Interface	(4) USB Type B
Output Interface	(2) USB Type A
CONTROL	
Front Panel	Tact Switch
OTHER	
Power	External 100-240 VAC/5VDC4A @20W
Dimensions	6.625"W x 1.875"H x 2.875"D
Weight	1 lbs.
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32-131°F (0-55 °C)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

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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

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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# Installation Manual

## HKM-04

4-Port HDMI KVM with USB Keyboard and Mouse, and Stereo Audio



Control 4 Computers, PC or Mac on one Display with USB Keyboard and Mouse, and Stereo Audio

[www.smartavi.com](http://www.smartavi.com)

## Introduction

The HKM-04 is a cross-platform HDMI switch capable of sharing one HDMI Monitor between four computers, PC or Mac. View four computers with HDMI on a single screen, saving money and desktop space.

## Features

- Compatible with Mac, PC, Linux and Sun
- Supports High Definition HDMI
- Supports USB keyboard and mouse
- Balanced stereo audio output
- Front panel tactile switch with LED indicator
- Supports Auto-scan mode for simple discovery

## Applications

- Home Theater Integration
- Digital Signage Deployment
- Information Kiosks/Displays
- Film/Recording Studios

In the medical or industrial field, where it may not be practical (or safe) to have one or more CPUs in the general vicinity, SmartAVI's HDMI Switch Series is the perfect solution, allowing for either PC or Mac signals to be extended from computer to the display.

Another practical use for one of our HDMI Switch would be for media recording studios, where soundproofing and space issues come into play. Using a HDMI Switch eliminates the inherent "hum" of a powered CPU and gives you the freedom of using your keyboard, mouse and monitor without having to find room for the computer itself in the same workspace.

## Product - Installation Diagram



## Installation

1. Turn off all computers and the display.
2. Connect the HDMI extension cables, USB cables, and audio cables (not included) to the computers and to the "IN" ports on the HKM-04.
3. Connect the display to the "OUT" HDMI connector on the HKM-04.
4. Connect USB mouse and keyboard to the "OUT" USB connector on the HKM-04.
5. Connect speakers to the "OUT" audio connector on the HKM-04.
6. Connect the power cord and power-on the HKM-04.
7. Power on the computers, speakers and the display.
8. Use the front panel buttons to select the desired input port.

## Switching Between Ports

### **Front Panel Control**

To switch ports using the front panel, press the **Select** button to cycle through the available ports. The selected port number will be indicated by the LED display.

### **IR Control (optional)**

To switch ports using an infrared remote control (optional accessory), use the IR remote to cycle through the available ports.



HKM-04 Front



HKM-04 Rear