

## 2 x 1 and 4 x 1 HDMI Video Switches

Share one HDMI display output (monitor, projector, or TV) between multiple HDMI inputs.



## FEATURES

- » Enables two or four HDMI sources to be connected to one HDMI display.
- » Includes front-panel buttons for easy switching.
- » Supports IR remote control (AVSW-HDMI2X1A and AVSW-HDMI4X1A models only).
- » Supports serial remote control (AVSW-HDMI2X1A and AVSW-HDMI4X1A models only).
- » LEDs show the active status of input video (plus audio) sources.
- » Supports video resolution up to UXGA (1600 x 1200)/Full HD (1920 x 1080)/WUXGA (1920 x 1200).
- » Compatible with most of the popular screen resolutions for XGA, SXGA, UXGA, WSXGA, and WUXGA systems.
- » Supports HDCP for content protection.
- » Plug-and-play, no software required.
- » HDMI 1.3 compatible.



AVSW-HDMI2X1A  
(front view)



AVSW-HDMI2X1A  
(back view)

The diagrams below show the back and top view connections.

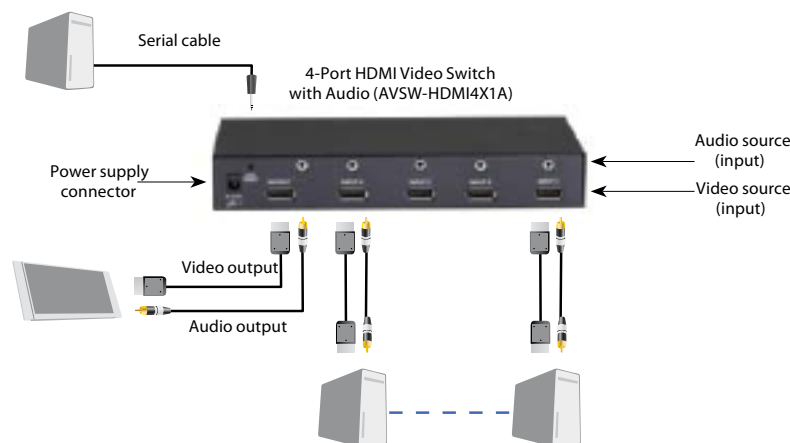


Figure 1. Back panel connections  
(AVSW-HDMI4X1A).

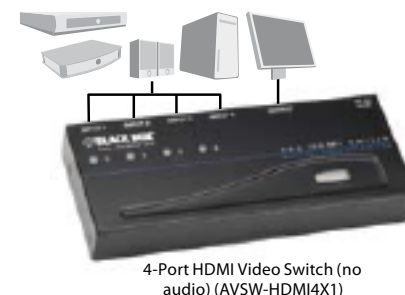


Figure 2. Top view connections  
(AVSW-HDMI4X1).

## OVERVIEW

Use the HDMI Video Switch to quickly and easily share a single HDMI display with a Blu-ray™ player, HD-DVD, Xbox™, Wii™, PS3™, Satellite receiver, etc., from multiple device inputs to one HDMI output device (monitor, projector, or TV).

You can select the desired input source via the remote control (audio models only) within the range of 15 feet (5 metres) (depends on model) or push button located on the switch. You never need to plug and unplug video sources, making your A/V equipment more convenient, more affordable, and more efficient.

The built-in serial interface allows you to control the Video Switch through a PC, serial controller device, or home theater system, integrating the whole A/V environment (depends on model).

### Available Models

Choose from four models:

- 2-Port HDMI Video Switch with Audio (AVSW-HDMI2X1A).
- 4-Port HDMI Video Switch with Audio (AVSW-HDMI4X1A).
- 2-Port HDMI Video Switch (no audio) (AVSW-HDMI2X1).
- 4-Port HDMI Video Switch (no audio) (AVSW-HDMI4X1).

NOTE: See page 3 for a list of what's included with each model.

## TECH SPECS

Maximum Video Resolution — AVSW-HDMI2X1A, AVSW-HDMI4X1A:

Full HD (1920 x 1080), WUXGA (1920 x 1200);

AVSW-HDMI2X1, AVSW-HDMI4X1: 1920 x 1080

Remote Control Support — AVSW-HDMI2X1A, AVSW-HDMI4X1A: Yes;

AVSW-HDMI2X1, AVSW-HDMI4X1: No

Serial Control Support — AVSW-HDMI2X1A, AVSW-HDMI4X1A: Yes;

AVSW-HDMI2X1, AVSW-HDMI4X1: No

Enclosure — Metal

User Controls — AVSW-HDMI2X1A: (2) Input push buttons;

AVSW-HDMI4X1A: (4) Input push buttons, (1) Function button;

AVSW-HDMI2X1, AVSW-HDMI4X1: (1) Input push button with integral LED

Connectors — AVSW-HDMI2X1A: Input: (2) HDMI female, (2) audio jacks,

Output: (1) HDMI female, (1) audio jack;

AVSW-HDMI4X1A: Input: (4) HDMI female, (4) audio jacks,

Output: (1) HDMI female, (1) audio jack;

AVSW-HDMI2X1: Input: (2) HDMI female,

Output: (1) HDMI female;

AVSW-HDMI4X1: Input: (4) HDMI female,

Output: (1) HDMI female

Indicators — AVSW-HDMI2X1A: (3) LEDs: (1) Power (green), (2) Video Output (Yellow);

AVSW-HDMI4X1A: (5) LEDs: (1) Power (green), (4) Video Output (Yellow);

AVSW-HDMI2X1: (2) Active Input Port LEDs;

AVSW-HDMI4X1: (4) Active Input Port LEDs

Power — Power consumption (maximum):

AVSW-HDMI2X1A: 3.0 W;

AVSW-HDMI4X1A: 4.5 W;

AVSW-HDMI2X1, AVSW-HDMI4X1: 5-VDC, 400 mA

Size — AVSW-HDMI2X1A, AVSW-HDMI4X1A: 1.4"H x 8.7"W x 3.9"D

(3.4 x 22 x 10 cm);

AVSW-HDMI2X1, AVSW-HDMI4X1: 0.8"H x 6.2"W x 2.6"D

(2 x 15.7 x 6.5 cm)

Weight — AVSW-HDMI2X1A: 0.6 kg;

AVSW-HDMI4X1A: 0.7 kg;

AVSW-HDMI2X1, AVSW-HDMI4X1: 0.3 kg



AVSW-HDMI4X1A  
(front view)



AVSW-HDMI4X1A  
(back view)



AVSW-HDMI2X1  
(front view)

## What's included

### AVSW-HDMI2X1:

- 2 x 1 HDMI Video Switch
- Power adapter with required AC cord
- (1) set of foot pads
- User's manual

### AVSW-HDMI4X1:

- 2 x 1 HDMI Video Switch
- Power adapter with required AC cord
- (1) set of foot pads
- User's manual

### AVSW-HDMI2X1A:

- 2 x 1 HDMI Video Switch with Audio
- Power adapter with required AC cord
- IR remote control
- Serial cable
- (1) set of foot pads
- User's manual

For the AVSW-HDMI2X1A, you might also need:

- Audio cable (EJ110)
- 6-foot (1.8-m) HDMI cable (M/M for HDMI A/V source connection [EVHDMI01TT-XXXX]).
- Serial cable

### AVSW-HDMI4X1A:

- 4 x 1 HDMI Video Switch with Audio
- Power adapter with required AC cord
- IR remote control
- Serial cable
- 19" rackmount kit with mounting hardware
- (1) set of foot pads
- User's manual

For the AVSW-HDMI4X1A, you might also need:

- Audio cable (EJ110)
- 6-foot (1.8-m) HDMI cable (M/M for HDMI A/V source connection [EVHDMI01TT-XXXX]).
- Serial cable

## Buyer's Guide | HDMI Video Switch

| Model Number  | Number of Ports | Audio Support | Serial Support |
|---------------|-----------------|---------------|----------------|
| AVSW-HDMI2X1  | 2               | No            | No             |
| AVSW-HDMI2X1A | 2               | Yes           | Yes            |
| AVSW-HDMI4X1  | 4               | No            | No             |
| AVSW-HDMI4X1A | 4               | Yes           | Yes            |

### Item

HDMI Video Switch  
2 x 1  
4 x 1  
with Audio  
2 x 1  
4 x 1

### Code

AVSW-HDMI2X1  
AVSW-HDMI4X1  
  
AVSW-HDMI2X1A  
AVSW-HDMI4X1A