BLACK BOX®
NETWORK SERVICES

2 x 1 and 4 x 1 DisplayPort Video Switches

Share a DisplayPort display output (monitor, projector, or TV) between multiple device DisplayPort inputs.

FEATURES

» Select (1) video from (2) different video sources (AVSW-DP2X1).
» Select (1) video plus (1) audio from (2) or (4) different video plus audio sources (AVSW-DP2X1A, AVSW-DP4X1A).
» Uses front-panel buttons for easy switching.
» Supports IR remote control.
» Supports serial remote control (AVSW-DP2X1A, AVSW-DP4X1A only).
» LEDs show the active status of input video (plus audio) sources.
» Supports DisplayPort monitors.
» Supports video resolution up to 2560 x 1440/ WQXGA (2560 x 1600) (DP).
» Compatible with most of the popular screen resolutions: XGA, SXGA, UXGA, WSXGA to Full HD, WUXGA systems.
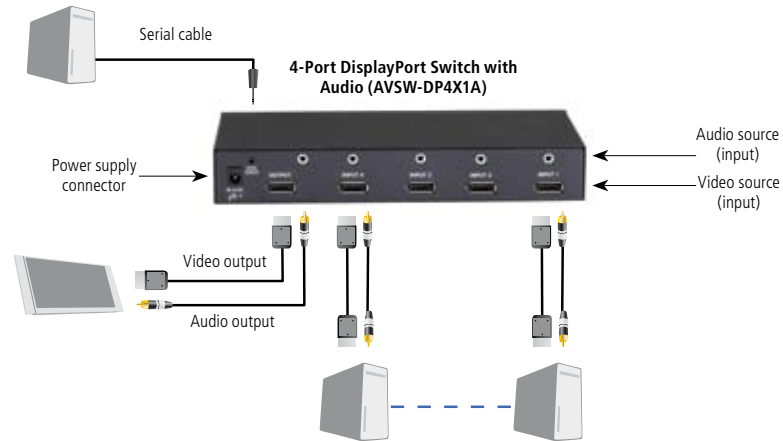» DisplayPort 1.1 compatible (DP).

AVSW-DP2X1A
(front view)

AVSW-DP2X1A
(back view)

The diagram below shows the AVSW-DP4X1A connections.

OVERVIEW

The 2- and 4-Port DisplayPort Switches enable users to quickly and easily share a single DisplayPort display with a DisplayPort source from their device inputs to one output device (monitor, projector, or TV). You can select the desired input source via the remote control within the range of 15 feet (5 meters) or by using a push button on the switch. Because you don't need to plug and unplug video sources, it's more convenient, more affordable, and more efficient to use your A/V equipment.

The built-in serial interface on the AVSW-DP2X1A and AVSW-DP4X1A also enables users to control the Video Switch through a PC, serial controller devices, or home theater system, integrating the whole A/V environment.

Available Models

Choose from three models:
• 2-Port DisplayPort Switch with Audio (AVSW-DP2X1A).
• 4-Port DisplayPort Switch with Audio (AVSW-DP4X1A).
• 2-Port DisplayPort Switch (no audio) (AVSW-DP2X1).
NOTE: See page 3 for a list of what's included with each model.

TECH SPECS

Maximum Video Resolution — Full HD (1920 x 1080), WUXGA (1920 x 1200), WQXGA (2560 x 1600)
Number of Video Inputs — AVSW-DP2X1, AVSW-DP2X1A: (2); AVSW-DP4X1A: (4)
Remote Control Support — Yes
Serial Control Support — AVSW-DP2X1: N/A; AVSW-DP2X1A, AVSW-DP4X1A: Yes
Enclosure — Metal
User Controls — AVSW-DP2X1, AVSW-DP2X1A: (2) Input push buttons; AVSW-DP4X1A: (4) Input push buttons
Connectors — AVSW-DP2X1: Input: (2) DisplayPort female; Output: (1) DisplayPort female;
    AVSW-DP2X1A: Input: (2) DisplayPort female, (2) audio jacks; Output: (1) DisplayPort female, (1) audio jack;
    AVSW-DP4X1A: Input: (4) DisplayPort female, (4) audio jacks; Output: (1) DisplayPort female, (1) audio jack
Indicators —
    AVSW-DP2X1: (3) LEDs: (1) Power (green), (2) Video output (yellow);
    AVSW-DP2X1A: (3) LEDs: (1) Power (green), (2) Video output (yellow);
    AVSW-DP4X1A: (5) LEDs: (1) Power (green), (4) Video output (yellow)
Power Consumption (Maximum) — AVSW-DP2X1, AVSW-DP2X1A: 3.0 W; AVSW-DP4X1A: 4.5 W
Size — 1.4"H x 8.7"W x 3.9"D (3.6 x 22 x 9.9 cm)
Weight — AVSW-DP2X1: 1.4 lb. (0.64 kg);
    AVSW-DP2X1A: 1.4 lb. (0.64 kg);
    AVSW-DP4X1A: 1.6 lb. (0.73 kg)

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AVSW-DP4X1A
(front view)

AVSW-DP2X1
(front view)

AVSW-DP2X1
(back view)

What's included

AVSW-DP4X1A:
✦ 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-DP4X1A, you might also need:
✦ Audio cable (EJ110)
✦ 6-foot (1.8-m) DisplayPort cable (M/M for DP A/V source connection [EVNDP01]).
✦ Serial cable

AVSW-DP2X1A:
✦ 2 x 1 DisplayPort 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-DP2X1A, 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-DP2X1:
✦ 2 x 1 DisplayPort Video Switch
✦ Power adapter with required AC cord
✦ IR remote control
✦ (1) set of foot pads
✦ User's manual

Buyer's Guide | DisplayPort Video Switch

Model Number	Number of Ports	Audio Support	Serial Support
AVSW-DP2X1	2	No	No
AVSW-DP2X1A	2	Yes	Yes
AVSW-DP4X1A	4	Yes	Yes

Item	Code
DisplayPort Video Switch	
2 x 1	AVSW-DP2X1
with Audio	
2 x 1	AVSW-DP2X1A
4 x 1	AVSW-DP4X1A

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

• You wait more than 30 minutes to get through to a vendor's tech support.
• The so-called "tech" can't help you or gives you the wrong answer.
• You don't have a purchase order number and the tech refuses to help you.
• It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

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