

8 x 8 Video Matrix Switches



**Complex multimedia applications?
These switches will sort things out!**

FEATURES

- Route up to eight Composite video inputs to up to eight Composite video outputs or route up to eight S-Video inputs to up to eight S-Video outputs.
- Control via front-panel keypad or RS-232 port.
- Audio versions handle balanced or unbalanced signals and enable audio or video breakaway switching.

OVERVIEW

If you need matrix switches for your multimedia application, check out these new switches from Black Box! They're loaded with features, such as vertical interval switching for synchronized inputs, programmable hold times and scan sequences, and memory presets.

Our 8 x 8 Composite Video Matrix Switches and 8 x 8 S-Video Matrix Switches are ideal for applications where you need to route up to eight Composite video or S-Video inputs to up to eight Composite video or S-Video outputs, respectively. Stereo Audio versions handle balanced or unbalanced signals and enable audio or video breakaway switching.

All switches feature vertical interval switching for synchronized inputs, scan sequencing, 9 programmable scan sequences, 10 memory presets, and programmable hold times from 1 second to up to 4 minutes. In addition, you can control these switches via their front-panel keypad or their DB9 RS-232 port.

TECH SPECS

Audio Frequency Response — AC180A, AC182A: 20 Hz to 20 kHz

Audio Type — AC180A, AC182A: Analog stereo, balanced or unbalanced

Bandwidth — 60 MHz

Impedance — All: Video input and output: 75 ohms;

AC180A, AC182A also have: Audio input and output: 20K ohms, balanced

Connectors — AC181A, AC180A: Video input: (8) BNC F; Reference input:

(1) BNC F; Video output: (8) BNC F; Control: (1) DB9 F;

AC183A, AC182A: Video input: (8) 4-pin mini DIN F; Reference input:

(1) BNC F; Video output: (8) 4-pin mini DIN F; Control: (1) DB9 F;

AC180A, AC182A also have: Audio input: (8) 5-position terminal blocks;

Audio output: (8) 5-position terminal blocks

Indicators — (1) Power LED, (1) LCD display

Power — 110/220 VAC, 60/50 Hz, switch-selectable, internal

Size — 1.75"H (1U) x 17"W x 9.5"D (4.4 x 43.2 x 24.1 cm)

Weight — AC181A: 4.9 lb. (2.2 kg);

AC180A: 5 lb. (2.3 kg);

AC183A: 4.4 lb. (2 kg);

AC182A: 5.4 lb. (2.4 kg)

TYPICAL APPLICATIONS

- Trade shows—Set up a wall of video to wow attendees.
- Transportation schedules—Provide real-time updates of flights or deliveries on multiple screens.
- Training demonstrations—Control each screen's video to focus everyone's attention on what's important.

Item	Code
8 x 8 Video Matrix Switches	
Composite	AC181A
Composite with Stereo Audio	AC180A
S-Video	AC183A
S-Video with Stereo Audio	AC182A



Rear views of AC180A and AC182A

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.