

## Video Matrix Switches

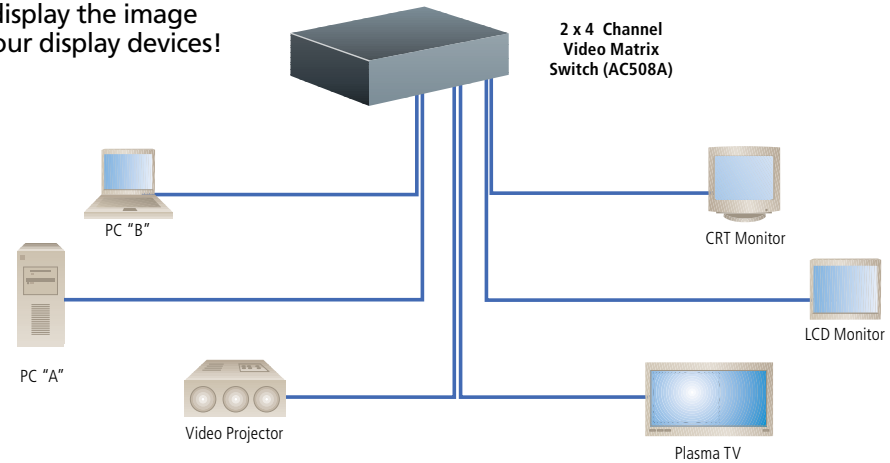
Show video images from  
two separate sources  
on multiple displays.



## FEATURES

- » Built-in video signal enhancement for placing monitors up to 213.2 feet (65 m) away.
- » Support VGA, SVGA, XGA, and multisync monitors or equivalent multimedia projector.
- » Source video is easily selectable via front-panel switches.
- » Convenient HD15 female connections.
- » Compatible with standard VGA cards.
- » Cascadable for even more flexibility.
- » Support VESA DDC, DDC2, DDC2B standards (for video out Ports 1 and 2).
- » Work with high-resolution, 250-MHz pixel frequency and resolutions up to 1920 x 1440.
- » Accept input from PC or Mac® sources.

Use this switch to display the image from two PCs on four display devices!



## OVERVIEW

BLACK BOX® Video Matrix Switches combine video sharing and video splitter capabilities in one compact device!

With one of these switches, you can share up to four or eight video display devices between two computers. Intelligent functionality gives you the flexibility to use a broad range of video devices, from CRT and LCD monitors to new plasma TVs or video projectors.

They work with VGA, SVGA, XGA, and multisync monitors, support monitors up to 1920 x 1440 resolution, and are VESA DDC (DDC1, DDC2, DDC2B) compliant.

These matrix switches also provide 250-MHz bandwidth for video clarity and integrity when connecting multiple video sources to multiple screens.

What's more, a built-in signal booster amplifies and extends video signals more than 200 feet—making the Video Matrix Switches great for remote display applications where you want to distribute images from a central secure room to public or non-secure areas.

Cabling is easy. Just link an HD15 video cable between your computers' VGA cards and the "Video In" ports on the switch. Run a separate HD15 cable from the "Video Out" ports to the monitors or other display devices.

Front-panel pushbuttons enable you to configure the switch to receive the image from either PC.

To cascade switches for an expanded setup, run a video cable from the "Video Out" port of one switch to the "Video In" port of the second switch.

## TYPICAL APPLICATIONS

The Video Matrix Switches are also ideal for multimedia control rooms or stations, test bench facilities, classrooms, or distributing media from the data center. They're the logical choice for any digital signage application, including retail PoS setups or content distribution in educational institutions or medical facilities.

Lightweight and easy to set up, they can also be used by demonstrators at trade shows or conferences to disseminate and present graphically rich content on multiple screens viewed by visitors. Even better, their heavy duty cases can withstand the rigors of temporary installations requiring quick setups and teardowns.

## TECH SPECS

**Distance (Maximum)** — 213.2 ft. (65 m)

**Pixel Frequency** — 250 MHz

**Resolution (Maximum)** — 1920 x 1440 @ 60 Hz

**CE Approval** — Yes

**Interface** — VGA, SVGA, XGA, multisync

**Connectors** — AC508A: Input: (2) HD15 F; Output: (4) HD15 F;

AC509A: Input: (2) HD15 F; Output: (8) HD15 F

**Power** — Adapter: 7.5 VAC, 800 mA

**Size** — AC508A: 1.7"H x 5.1"W x 3"D (4.3 x 13 x 7.6 cm);

AC509A: 1.7"H x 7.9"W x 3"D (4.3 x 20 x 7.6 cm)

**Weight** — AC508A: 1 lb. (0.5 kg);

AC509A: 1.5 lb. (0.7 kg)

### Item

Video Matrix Switches  
2 x 4 Channel  
2 x 8 Channel

### Code

AC508A  
AC509A

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