

## Compact VGA Switches (2 x 1 and 4 x 1)

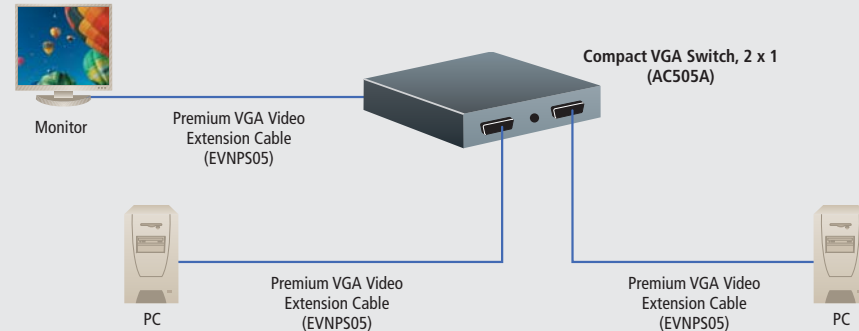


**Switch between two or four  
VGA video sources to a single monitor.**

## FEATURES

- Control manually by pushing a button or via an RS-232 control device (serial cable is included).
- Or set up the switch to cycle between video sources automatically.
- Buffered video output protects the signal integrity.
- Automode detects active inputs and switches to them automatically. You assign port priority.
- You can also blank and unblank an output via a serial port command.
- LED indicates selected input source.
- Fit into tight spaces and withstand heavy use.
- Audio versions feature an RFI shielded steel enclosure.

*Compact VGA Switches support video cable distances up to 45m at up to 1600 x 1200 resolution.*



## OVERVIEW

Compact VGA Switches from Black Box go much farther than ordinary video switches in both the distance and resolution they support.

These solid-state, electronic switches not only use boosters to drive VGA video signals up to 150 feet (45.7 m), they also offer a crisp resolution of up to 1600 x 1200.

Use the switches, for instance, in a conference room where two or four laptop users can take turns projecting their screen images onto a single big-screen VGA monitor seen by all. They're also useful anywhere you need to use fewer monitors for displaying video sources.

Control switching via an attached RS-232 device (serial control cable is included), or set it up to scan between VGA inputs at certain time intervals or display VGA inputs based on their priority. You can also blank output from one source or switch manually.

For audio support, order the 2 x 1 with Audio (AC505A-2A) or 4 x 1 with Audio (AC506A-4A). They enable you to switch a single monitor with audio between two or four video/audio sources.

## WHAT'S INCLUDED

### AC505A, AC505A-2A, AC506A, AC506A-4A:

- ◆ Compact VGA Switch
- ◆ Serial cable
- ◆ User's manual

### AC505A and AC506A also include:

- ◆ Push button cable

## TECH SPECS

**Distance (Maximum)** — 150 ft. (45.7 m)

**Resolution (Maximum)** — 1600 x 1200

**Video Bandwidth** — AC505A–AC506A: 250 MHz;  
AC505A-2A, AC506A-4A: 200 MHz

**Video Level** — 0 to 0.7 V p-p

**CE Approval** — Yes

**Connectors** — Video input: (2) or (4) HD15 F;  
Video output: (1) HD15 F;

Serial: AC505A–AC506A: (1) 3.5-mm F (RS-232);

AC505A-2A, AC506A-4A: (1) DB9 F (RS-232);

Audio: AC505A-2A: Input: (2) 3.5-mm F;

Output: (1) 3.5-mm F;

AC506A-4A: Input: (4) 3.5-mm F;

Output: (1) 3.5-mm mini-stereo

**Power** — AC505A–AC506A: Input: 110–240 VAC, 50–60 Hz;

Output: 6 VDC at 300 mA center positive;

AC505A-2A, AC506A-4A: Input: 120–240 VAC, 50–60 Hz;

Output: 12 VDC at 300 mA center positive

**Size** — AC505A: 3.2H x 10.8W x 6.4D cm;

AC506A: 3.2H x 21W x 6.4D cm;

AC505A-2A, AC506A-4A: 4.3H x 21.3W x 6.9D cm

Item	Code
Compact VGA Switches	
2 x 1	AC505A
2 x 1 with Audio	AC505A-2A
4 x 1	AC506A
4 x 1 with Audio	AC506A-4A