

VGA Video Splitter

ST122L (2 Port)

ST124L (4 Port)

ST128L (8 Port)

Introduction

Thank you for purchasing a StarTech.com VGA video splitter. This product splits the VGA output from one computer to 2, 4, or 8 VGA displays (depending on the model purchased). Perfect for use with any VGA monitor or projector, this product is ideal for auditoriums, tradeshow displays, kiosks, and any other applications that require the use of multiple monitors. It is designed to maintain excellent video quality and requires no software or the configuration of complicated setup options.

Features

- Video bandwidth of 250 MHz
- Maximum resolution of 1920 x 1440 pixels
- Supports up to 3 levels of “daisy chaining”
- Maximum distance of 210 feet (65m)

Before You Begin

System Requirements

- A computer with VGA output
- 2/4/8 displays with VGA inputs
- 1 high-quality VGA “switchbox” cable for each monitor to be connected, and 1 VGA male/female cable for the source computer

Basic Setup

Before connecting the splitter to the source computer and displays, you should ensure that the workspace is configured so that the minimal amount of cable will be used between the computer and the splitter, and between the splitter and the displays. While the splitter will work at distances of up to 210 feet (65m) from the connected displays, keeping the cable distance between each device to the shortest possible length will ensure you can use the highest possible resolution. **While the splitter supports a maximum resolution of 1920 x 1440 pixels, the maximum resolution you will be able to use for your application will depend on the length and quality of the cables used, and how many interference-causing devices are nearby.** You may not be able to use the maximum resolution at longer distances. For the best possible performance, keep the length of cable from the source computer to the splitter to 6 feet (1.8m).

Connecting the computer to the splitter

Using a high-quality HD-15 VGA male-to-female monitor cable (StarTech.com part number MXT101HQ), connect the male end to the VGA out port on the source computer. Connect the opposite end (female) to the port marked **Video In** on the splitter.

Connecting the splitter to the displays

Using a high-quality HD-15 VGA switchbox male-to-male cable (StarTech.com part number MXT101MMHQ), connect one end to the cable to any of the ports marked **Video Out** on the splitter. Connect the opposite end to the VGA input on the display. Repeat this process for each display to be connected. You may also plug the display directly into the splitter's **Video Out** port if possible.

Powering the splitter

Connect the tip on the power adapter (provided) to the port marked **DC 9V** on the video splitter. Connect the opposite end to a wall outlet or other suitable power source.

Once you have completed the steps above, you can power on the displays. Each will now display the image from the source computer.

Daisy Chaining Splitters

These splitters have the ability to be “daisy chained” to one another so that the overall number of total displays is increased. You can have a maximum of 3 splitters daisy chained to one video source. Complete the following steps to daisy chain two or more video splitters:

Using a high-quality HD-15 VGA male-to-female monitor cable (StarTech.com part number MXT101HQ), connect the male end to any of the ports marked **Video Out** on the source splitter. Connect the opposite end (female) to the port marked **Video In** on the next splitter in the chain. Repeat this process if you wish to connect another splitter.

Specifications

Video Input	1 x HD-15 VGA Male
Video Output	HD-15 VGA Female (quantity varies by model)
Daisy Chain Capable	Yes (all models), max. 3
Video Bandwidth	250 MHz
Maximum Display Resolution	1920 x 1440 pixels (actual usable resolution varies)
Maximum Cable Distance	210 feet (65 m)
Housing	Steel
Weight	ST122L: 7.76 oz. ST124L: 15.87 oz. ST128L: 22.93 oz.
Dimensions (LxWxH)	ST122L: 5.16 x 2.56 x 1.02 in. ST124L: 8.07 x 2.56 x 1.02 in. ST128L: 8.07 x 2.56 x 1.77 in.
Power	DC 9V, 500 mA (center positive)
Certification (Regulatory)	FCC, CE

Support, Warranty Information, and Regulatory Compliance Statement

If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads. This product is backed by a one-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear. **Limitation of Liability:** In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

FCC Compliance Statement: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

