

VIDEO SPLITTER

400 MHz VGA Video and Audio Splitter

ST122PROA
ST124PROA
ST128PROA

Instruction Guide



* Actual product may vary from photo

* ST128PROA shown

StarTech.com

The Professionals' Source For Hard-to-Find Computer Parts

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.

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Introduction

Thank you for purchasing a StarTech.com video and audio splitter. Now you'll be able to broadcast the audio and video signals from one PC over multiple sound systems and monitors. The built-in video amplifiers let you place your monitors up to 210 ft (65m) away and still experience crystal-clear video signals with resolution up to 2048 x 1536 pixels. These switches are also daisy-chainable for future expansion and are compatible with a wide range of monitors.

Features

- Allows one computer to provide simultaneous displays on two (ST122PROA), four (ST124PROA), or eight (ST128PROA) different monitors with audio support
- Works with VGA, SVGA, XGA, QXGA, UXGA and Multisync monitors
- Provides a high video bandwidth (400 Mhz) for crystal clear 2048 x 1536 resolution
- Daisy chainable for almost unlimited expansion
- Uses a built-in video signal amplifier which allows a cable length of up to 210 ft (65m)
- Uses standard monitor extension cables (StarTech.com coaxial VGA cables recommended for best picture quality)
- Compatible with DDC, DDC2 & DDC2B (on Video Out port 1)
- Includes a 7.5V power adapter

Before You Begin

To ensure a quick and easy device installation, please read through this section carefully before attempting to install the device.

Requirements

- Computer with a HD-15 video port and a mini-stereo audio port
- VGA, SVGA, XGA, QXGA, UXGA or Multisync monitors with HD-15 connectors
- HD-15 monitor cables (like StarTech.com's coaxial high-resolution video cables)
- Speakers or earphones with mini-stereo plugs
- Mini-stereo audio cables

Contents

This package should contain:

- 1 x Video splitter with audio
- 1 x Power adapter

Installation

This section will guide you through the installation of your video splitter. Please read through the instructions carefully and complete each step in the order listed.

Note: If you are connecting the switch to a DDC monitor, the other monitors you connect to the switch must be of the same resolution as the DDC monitor. The DDC monitor must be plugged into Video Out port number 1.

1. Make sure that your computer and monitors are turned off.
2. Using an HD-15 video cable, connect your computer's Video Out port to the Video In port on the back of the switch.
3. Using a 3.5" audio cable, connect your computer's Audio Out port to the Audio In port on the back of the switch.
4. Plug your monitors (using either the built-in cables connected to your monitors or the extension cables to your monitors) into the Video Out ports on the back of the switch.
5. Plug your speakers/headphones (using either the speakers/headphones themselves or the extension cables connected to them) into the Audio Out ports on the back of the switch.
6. Plug the power adapter into the 7.5V AC port on the back of the switch. Plug the other end of the adapter into an available power source. The green Power LED on the front will now be lit.

Cascade Configuration

Connect an HD-15 male-male cable between a Video Out port of the primary splitter (the splitter connected to the computer) and the Video In port on the cascaded splitter. Do the same with the audio ports.

Note: Adding too many layers of splitters may cause a decline in video and audio quality.

Technical Specifications

Signal Type	XGA, VGA, SVGA, QXGA, UXGA & Multisync
Cable Length	210ft (65m) maximum
Input Connectors	1 x HDDB15 (female) 1 x 3.5mm Audio Jack (female)
Output Connectors	ST122PROA: 2 x HDDB15 (female) 2 x 3.5mm Audio Jack (female)
	ST124PROA: 4 x HDDB15 (female) 4 x 3.5mm Audio Jack (female)
	ST128PROA: 8 x HDDB15 (female) 8 x 3.5mm Audio Jack (female)
VGA Bandwidth	400 MHz
VGA Resolution	2046 x 1536 @ 60 Hz
Dimensions W x D x H	ST122PROA: 5.1 x 2.9 x 1.6" (130 x 75 x 42mm) ST124PROA: 7.8 x 2.9 x 1.6" (200 x 75 x 42mm) ST128PROA: 13.5 x 2.9 x 1.6" (343 x 75 x 42mm)
Power	ST122PROA, ST124PROA: AC 7.5V (800mA) ST128PROA: DC 7.5V (1.5A)
Certifications	FCC, CE

Input/Output Signal

Pin	Signal
1	Red video
2	Green video
3	Blue video
4	ID2
5	Ground
6	Analog ground
7	Analog ground
8	Analog ground
9	NC
10	Ground
11	ID0
12	ID1
13	Horizontal sync
14	Vertical sync
15	ID3

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, **www.startech.com**. In the tech support section there are a number of options that can provide assistance with this product.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help:

USA/Canada: 1-519-455-4931

UK/Ireland/Europe: 00-800-7827-8324

Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

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

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