

Owner's Manual

Component Video + Stereo Audio over Cat5 Extenders and Extender/Splitters

Extender Kit Models: B136-101 and B136-101-WP-1

Extender/Splitter Local Unit Models: B136-004

Extender Unit Models: B136-100 and B136-100-WP-1

Este manual esta disponible en español en la página
de Tripp Lite: triplite.com/support

Ce manuel est disponible en français sur le site Web
de Tripp Lite : triplite.com/support

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WARRANTY REGISTRATION

Register your product today and be automatically entered
to win an ISOBAR surge protector in our monthly drawing!

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Package Contents

All Units:

- B136-004, B136-100, B136-100-WP-1, B136-101 or B136-101-WP-1
- Owner's Manual

B136-004 Only:

- External Power Supply (Input: 100-240V, 50/60 Hz, 0.5A Output: 5V 2A)
- 1 ft. Component + Audio Daisy-Chain Cable

B136-100-WP-1 and B136-101-WP-1 Only:

- Wallplate Hardware

Product Features

- B136-004 works with a B136-100 or B136-100-WP-1 to extend a component video (1080i, 60 Hz) and stereo audio signal up to 300 ft. (91 m) from the source. Extend the signal up to 400 ft. (121 m) using zero-skew cable (Tripp Lite P524-01K).
- B136-101 and B136-101-WP-1 are kits that come with units for both the source side and the display side, allowing a component video (1080i, 60 Hz) and stereo audio signal to be extended up to 300 ft. (91 m). Extend the signal up to 400 ft. (121 m) using zero-skew cable (Tripp Lite P524-01K).
- Transmit a component video and stereo audio signal to up to four A/V devices using the B136-004 Extender/Splitter.
- Expand the number of connected A/V devices to up to 13 (12 remote, one local) by daisy-chaining up to three local units together.
- B136-004 features component video and stereo audio ports for connecting an optional local A/V device.
- Up to three B136-004 units can be connected to a Tripp Lite B132-004-RB Rack-Mount Bracket and mounted in just 1U of rack space.
- The B136-100, B136-100-WP-1, B136-101 and B136-101-WP-1 require no external power.
- The B136-101-WP-1 and B136-100-WP-1 wallplates feature RJ45-type connectors, allowing you to use standard patch cable and avoid 110 punchdown connections.

Optional Accessories

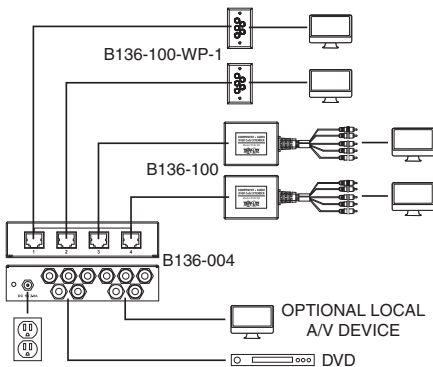
- A008-Series Component Video Gold Cables
- A050-Series Stereo Audio Gold Cables
- B132-004-RB 1U Rack-Mount Bracket
- N001-Series Cat5e Snagless Patch Cables
- N002-Series Cat5e Patch Cables
- N020-01K-GY Gray Cat5e Bulk Stranded Cable – 1,000 ft.
- N022-01K-GY Gray Cat5e Bulk Solid-Core Cable – 1,000 ft.
- N030-010 RJ45 Plugs for Solid-Core or Stranded Wire Cat5e Cable – 10 pack
- N201-Series Cat6 Snagless Patch Cables
- N202-Series Cat6 Snagless 24 AWG Solid-Core Patch Cable
- N222-01K-GY Gray Cat6 Bulk Solid-Core Cable – 1,000 ft.
- P524-01K Zero-Skew UTP Bulk Cable – 1,000 ft.

Note: The B136-004, B136-100 and B136-100-WP-1 are sold separately. A B136-100 or B136-100-WP-1 is required for each output port on the B136-004 extender/splitter that you wish to connect an A/V device to. The B136-101 and B136-101-WP-1 are kits that come with units for both the source and device side.

Extender/Splitter Installation

Notes:

- Test to make sure that the entire installation works properly before pulling cables through ceilings/walls.
- To achieve the maximum distance of 400 ft. (121 m) at 1080i, Zero-Skew cabling must be used, such as Tripp Lite P524-01K.
- To achieve extension distance of 300 ft. (91 m) at 1080i, 24 AWG solid-core wire cabling must be used. Tripp Lite N202-Series (Cat6), N022-01K-GY (Cat5e Bulk) and N222-01K-GY (Cat6 Bulk) contain 24 AWG solid-core wire.



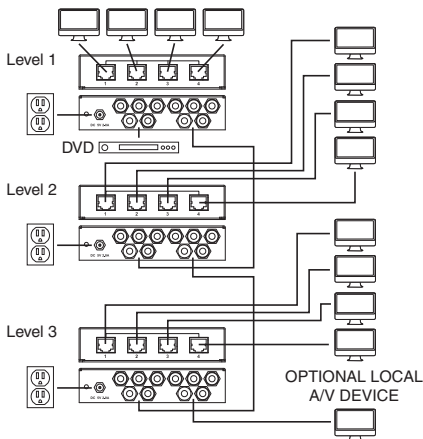
Extender/Splitter Installation

- 1** Make sure the A/V source is powered OFF.
- 2** Connect the source to the ports on the B136-004 labeled SOURCE using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 3** Optional: Connect a local A/V device to the ports on the B136-004 marked LOCAL using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 4** Connect the external power supply to the B136-004 local unit and plug it into a Tripp Lite Surge Protector, PDU or Uninterruptible Power Supply (UPS). The red LED will illuminate to indicate power is being received from the external power supply.
- 5** Using Cat5e/6 cable, connect one of the RJ45 output ports on the B136-004 to the RJ45 input port on the B136-100 or B136-100-WP-1 remote unit.
- 6** Repeat step 5 for each additional remote unit you are connecting.
- 7** Connect the B136-100 component video and stereo audio connectors to the A/V device, or connect the B136-100-WP-1 to the A/V device using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 8** Repeat step 7 for each additional A/V device you are connecting.
- 9** Turn on the power to the A/V source.

Extender/Splitter Daisy-Chain Installation

Notes:

- Test to make sure that the entire installation works properly before pulling cables through ceilings/walls.
- To achieve the maximum distance of 400 ft. (121 m) at 1080i, Zero-Skew cabling must be used, such as Tripp Lite P524-01K.
- To achieve extension distance of 300 ft. (91 m) at 1080i, 24 AWG solid-core wire cabling must be used. Tripp Lite N202-Series (Cat6), N022-01K-GY (Cat5e Bulk) and N222-01K-GY (Cat6 Bulk) contain 24 AWG solid-core wire.



Extender/Splitter Daisy-Chain Installation

- 1** Make sure the A/V source is powered OFF.
- 2** Connect the source to the ports on the first B136-004 local unit labeled SOURCE using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 3** Using the included 1 ft. component + audio cable, or Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables, connect the ports labeled LOCAL on the first B136-004 to the SOURCE ports on a second B136-004.
- 4** Repeat step 3 if you want to daisy-chain a third B136-004 local unit. *Note: No more than three local units can be connected.*
- 5** Connect the external power supply to the first B136-004 local unit and plug it into a Tripp Lite Surge Protector, PDU or Uninterruptible Power Supply (UPS). The red LED will illuminate to indicate power is being received from the external power supply.
- 6** Repeat step 5 for each local unit in the installation.
- 7** Optional: Connect a local A/V device to the LOCAL ports on the last B136-004 using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 8** Using Cat5e/6 cable, connect an available RJ45 output port on a B136-004 to the RJ45 input port on a B136-100 or B136-100-WP-1 remote unit.

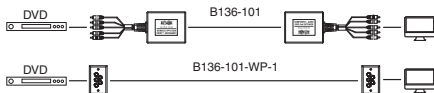
Extender/Splitter Daisy-Chain Installation

- 9** Repeat step 8 for each additional remote unit you are connecting.
- 10** Connect the B136-100 component video and stereo audio connectors to the A/V device, or connect the B136-100-WP-1 to the A/V device using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 11** Repeat step 10 for each additional A/V device you are connecting.
- 12** Turn on the power to the A/V source.

Extender Kit Installation

Notes:

- Test to make sure that the entire installation works properly before pulling cables through ceilings/walls.
- To achieve the maximum distance of 400 ft. (121 m) at 1080i, Zero-Skew cabling must be used, such as Tripp Lite P524-01K.
- To achieve extension distance of 300 ft. (91 m) at 1080i, 24 AWG solid-core wire cabling must be used. Tripp Lite N202-Series (Cat6), N022-01K-GY (Cat5e Bulk) and N222-01K-GY (Cat6 Bulk) contain 24 AWG solid-core wire.



Extender Kit Installation

- 1** Make sure the A/V source is powered OFF.
- 2** Connect the component video and stereo audio connectors on one of the B136-101 units to the A/V source; or, connect one of the B136-101-WP-1 wallplates to the A/V source using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 3** Using Cat5e/6 cable, connect the RJ45 port on the local unit to the RJ45 port on the remote unit.
- 4** Connect the remote B136-101 unit's component video and stereo audio connectors to the A/V device; or, connect the remote B136-101-WP-1 wallplate to the A/V device using Tripp Lite A008-Series Component Video and A050-Series Stereo Audio Cables.
- 5** Turn on the power to the A/V source.

Warranty & Product Registration

1-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

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Product Registration

Visit triplite.com/warranty today to register the warranty for your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos and illustrations may differ slightly from actual products.

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