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# Owner's Manual

## VGA + Audio to HDMI Adapter

Model: P116-000-HDMI

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### Package Contents

- P116-000-HDMI
- External Power Supply  
(Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 1.2A)
- Owner's Manual



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*Note: Follow these instructions and operation procedures to ensure correct performance and to prevent damage to this unit or to its connected devices. Copyright © 2013 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners.*

## Product Features

- Convert VGA Video and Red/White Stereo Audio for use with an HDMI display.
- Transmits audio/video from a VGA (e.g. PC, laptop) or Component\* (e.g. DVD player, DVR) source to an HDMI display.
- Supports PC video resolutions up to 1280 x 1024, and HDTV video resolutions up to 1080p. *See the Specifications section in this manual for a complete list of support video resolutions.*
- Supports 24-bit True Color (8-bits per channel).
- HDCP compatible.

\*Requires a Component (RGB) Video to VGA Adapter cable.

## System Requirements

The display you are connecting must have an HDMI port that can accept a converted HDMI signal. In some cases, the display will have an HDMI port that is dedicated for use with a signal converter. Contact your display manufacturer to confirm that the display will work with a VGA + Audio to HDMI converter. If your display does not support this, an alternative solution is Tripp Lite's U244-001-HDMI-R USB to HDMI adapter.

## Optional Accessories

- A050-Series Red/White Stereo Audio cables – (x2) RCA Male to (x2) RCA Male
- P314-Series Mini Stereo to Stereo Audio Adapter cables – 3.5 mm Male to (x2) RCA Male
- P502-Series VGA Monitor cables with RGB Coax – HD15 Male to HD15 Male
- P568-Series High Speed HDMI cables – HDMI Male to HDMI Male

## Installation

*Note: Make sure that all devices you are connecting are powered off prior to installation.*

- 1** Connect the video source to the VGA input port on the unit.  
**Note:** A Component (RGB) Video to VGA Adapter cable is required for connection of a Component source.
- 2** Connect the audio source to the Red/White RCA input ports on the unit.
- 3** If connecting a computer, turn the HDCP switch on the unit off. If connecting a DVD player, turn the HDCP switch on.
- 4** Connect the HDMI display to the HDMI output port on the unit.
- 5** Connect the power supply to the unit, and then plug it into an appropriate power source, such as a Tripp Lite Surge Suppressor, Power Distribution Unit (PDU), or Uninterruptible Power Supply (UPS).
- 6** Power on the connected source and monitor. The LED next to the VGA input port will illuminate Blue to indicate that it is connected to a powered on source. The LED next to the HDMI output port will illuminate to indicate that it is connected to a powered on monitor. The output port LED illuminates Red when the HDCP switch is on, and Blue when the HDCP switch is off.

## Specifications

Specification	Value
<b>Input Ports</b>	HD15 Female, (x2) RCA Female
<b>Output Port</b>	HDMI Female
<b>Unit Dimension (HxWxD, in.)</b>	1.25 x 3.5 x 2.75
<b>Unit Weight (lbs.)</b>	0.4
<b>Operating Temperature</b>	5° to 131° F (-15° to 55° C)
<b>Humidity</b>	5 to 90% RH, Non-Condensing
<b>External Power Supply</b>	Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 1.2A
<b>Supported PC Video Resolutions</b>	640 x 480 @ 60Hz, 72Hz, 75Hz, 85Hz 800 x 600 @ 56Hz, 60Hz, 72Hz, 75Hz, 85Hz 1024 x 768 @ 60Hz, 70Hz, 75Hz, 80Hz, 85Hz 1280 x 1024 @ 60Hz, 75Hz
<b>Supported TV / DVD Resolutions</b>	480i @ 60Hz 480p @ 60Hz 720p @ 60Hz 1080i @ 60Hz 1080p @ 60Hz

## Warranty and Warranty 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.

EXCEPT AS PROVIDED HEREIN, TRIPP LITE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL TRIPP LITE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, TRIPP LITE is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

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. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

### WARRANTY REGISTRATION

Visit [www.tripplite.com/warranty](http://www.tripplite.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.

Tripp Lite follows a policy of continuous improvement. Product specifications are subject to change without notice.

### 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



## FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.





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