

# VGA TO HDMI CONVERTER

## QUICK INSTALL GUIDE

### MODEL 177351

Thank you for purchasing the MANHATTAN® VGA to HDMI Converter, Model 177351.

By translating analog PC audio/video signals and transmitting digital output to HDMI projectors, flat-panel displays, TVs and similar devices, this converter is ideal for training, tradeshow and many other presentation applications.

- Easy installation: No software required! (Connection instructions on back.)
- Plug and Play; Windows and Mac compatible
- Clear, sharp transmission delivered with up to 1280 x 1024 and 1080p resolution, plus a video amplifier bandwidth of up to 1.65 Gbps / 165 MHz
- Lifetime Warranty



## SPECIFICATIONS

### Standards & Certifications

- HDMI 1.2a, FCC, CE

### General

- Supports HDCP pass-through
- Computer-to-video converter range: up to 5 m (16 ft.)
- Video converter-to-monitor range: up to 5 m (16 ft.)
- Power: 5 V DC / 1 A; cable with ferrite core, 1.2 m (4 ft.)

### Connections

- Input: (1) VGA DB15 male; (2) RCA

audio left/right female

- Output: (1) HDMI female

### Signal Input/Output

- Input video signal: 0.5 – 1.0 V p-p
- Input DDC signal: 5 V p-p (TTL)
- Max. single link range: 1280 x 1024 and 1080p
- Output video: HDMI 1.2a
- Frequency: 1.65 Gbps / 165 MHz

### Video Resolutions

- VGA: 640 x 480, 800 x 600, 1024 x 768, 1280 x 720, 1280 x 768, 1280 x

960, 1280 x 1024

- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p

### Physical

- LEDs: Power, Port Connection
- Dimensions: 89 x 29 x 68 mm (3.5 x 1.1 x 2.7 in.)
- Weight: 119 g (4.2 oz.)

### Package Contents

- VGA to HDMI Converter
- Power adapter
- Reference guide



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MH-177351-miniQIG-0109-01



Above: input panel. Below: output panel



## CONNECTIONS & OPERATION

**NOTE:** Turn off any devices before connecting them to the converter.

1. Connect the VGA video and the L/R audio from the computer to the converter.
2. Connect the converter's HDMI output to a TV that has HDMI input.
3. Plug the power adapter into the DC/5V jack on the converter, then plug the other end of the adapter cord into an AC outlet.
4. Turn on the computer and TV, and set the input of the TV to its HDMI channel.

### **SAFETY GUIDELINES:**

- Do not expose this device to any moisture or excessive humidity.
- Don't install or place this device within a confined space (built-in cabinets/shelving, etc.) that could hinder adequate ventilation.
- Don't install or place this device near any heat sources, such as radiators, registers, stoves, lighted candles and electrical components that can generate significant amounts of heat.
- Clean only with a soft, dry cloth. Never use alcohol, paint thinner or benzene.
- Disconnect power to the device during electrical storms or during extended periods of non-use.
- Avoid placing cord and cables where they can be stepped on, tripped over or pinched. Always remove any cables gently from jacks and ports.
- Use only the power adapter included with this device.