VGA & Audio CAT5 Extender Long Range
Quick Installation Guide

Introduction

The *VGA & Audio CAT5 Extender Long Range* will extend a VGA & audio signals over one CAT5/5e/6/7 cable.
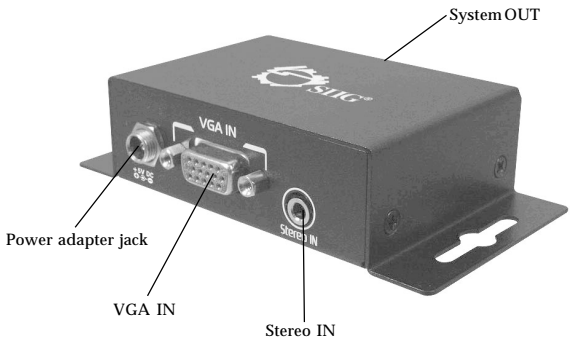
Key Features and Benefits

- Extends VGA and stereo audio signals up to 1000ft over one CAT5/5e/6/7 cable
- Supports analog stereo audio
- Adjustable equalization and gain control on receiving unit
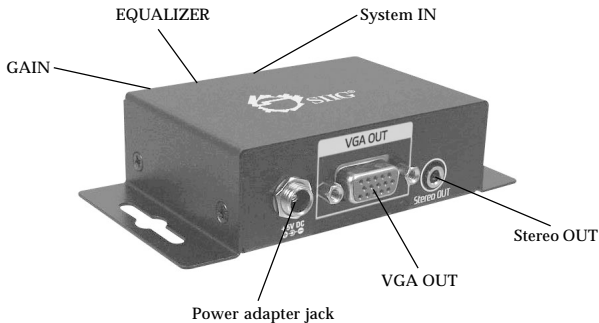
Package Contents

- *VGA & Audio CAT5 Extender Long Range* (Tx & Rx units)
- 2x Power adapters
- Installation kit
- Quick installation guide

Layout

Figure 1: Transmitter

- **Power adapter jack**: Connect to 5V DC power supply
- **Stereo IN**: Connect to analog audio source
- **System OUT**: Plug in a CAT-5/5e/6/7 cable that needs to be linked to the RJ-45 connector of the Receiver.
- **VGA IN**: Connect to computer VGA display

Figure 2: Receiver

- **Power adapter jack**: Connect to 5V DC power supply
- **Stereo OUT**: Connect to analog audio ouput
- **VGA OUT**: Connect to VGA display
- **System IN**: Plug in a CAT-5/5e/6/7 cable that needs to be linked to the RJ-45 connector of the Transmitter.
- **EQUALIZER**: Rotary control for equalization of R, G, B, respectively
- **GAIN**: Rotary control for gain control of R, G, B, respectively

Hardware Installation

1. Power off all devices, including the VGA source and display.
2. Connect your VGA cable between the computer's VGA and Transmitter's **VGA IN** connector.
3. Connect a 3.5mm audio cable between the Transmitter's **Stereo IN** and your computer's soundcard.
4. Connect your analog speaker to the Receiver's **Stereo OUT**.
5. Connect your CAT-5/5e/6/7 cable between the Transmitter's **System OUT** RJ-45 connector and Receiver's **System IN** RJ-45 connector.
6. Connect a VGA display to the Receiver's **VGA OUT**.
7. Turn On your VGA displays.

8. Plug one of the included power adapters into the power jack of the Transmitter, plug the second power adapter into the power jack of the Receiver, then plug both power adapters into a reliable power source.

9. If the video is blurry or not displaying at all, try to adjust the **EQUALIZER** and **Gain** rotary controls to improve the video. **GAIN** rotary controls are designed for gain control, and **EQUALIZER** rotary controls are designed for equalizing the wave form of the receiving video signal. It is suggested to begin with adjusting the rotary control of **EQUALIZER** to get the input video displayed first, and then the **GAIN** according to the video you see on the screen.

Blank Page

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at *www.siig.com* and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for three (3) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

    Step 1: Submit your RMA request.

    Go to **www.siig.com**, click **Support**, then **Request A Product Replacement** to submit a request to <u>SIIG RMA</u> or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

    Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

    SIIG, Inc.
    6078 Stewart Avenue
    Fremont, CA 94538-3152, USA
    RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

VGA & Audio CAT5 Extender Long Range

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

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.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
Phone: 510-657-8688

August, 2011