VGA & Audio CAT5 Extender
Quick Installation Guide

Introduction

The *VGA & Audio CAT5 Extender* will extend a VGA & audio signals over one CAT5/6/7 cable.

Key Features and Benefits

- Extends VGA transmission over one economical CAT5/6/7 cable
- Supports analog audio
- Supports up to 1000ft (300m) @ WUXGA (1920 x 1200) resolution
- Supports local VGA out

Package Contents

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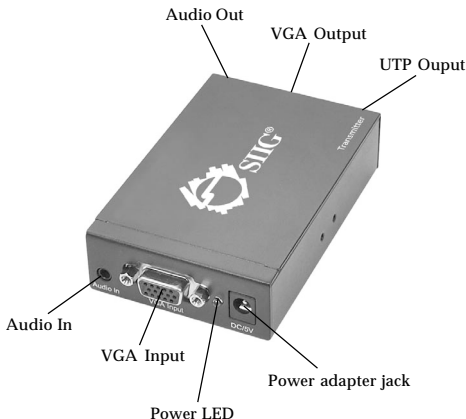- Quick installation guide

Layout

Figure 1: Transmitting unit

- **Audio Out**: Connect to the speaker
- **VGA Output**: Connect to VGA display
- **UTP Output**: Connect to a RJ-45 CAT5/6/ 7 cable
- **Audio In**: Connect to computer soundcard
- **VGA Input**: Connect to computer VGA display
- **Power LED**: Lit when unit is powered On

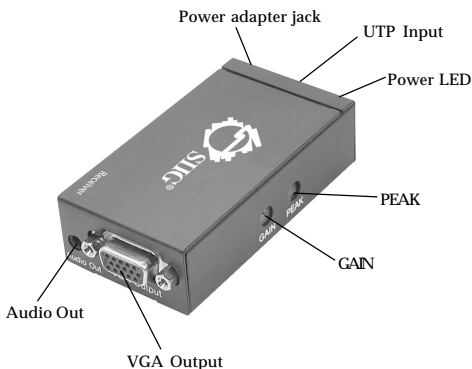- **Power adapter jack**: Connect to a power adapter

Power adapter jack
UTP Input
Power LED
PEAK
GAIN
Audio Out
VGA Output

Figure 2: Receiving unit

- **Power adapter jack**: Connect to a power adapter
- **UTP Input**: Connect to a RJ-45 CAT5/6/7 cable
- **Power LED**: Lit when unit is powered On
- **Audio Out**: Connect to the speaker
- **VGA Output**: Connect to VGA display

- **PEAK**: Turn to adjust sharpness. This option is for the VGA display that is attached to receiving unit only.
- **GAIN**: Turn to adjust brightness. This option is for the VGA display that is attached to receiving unit only.

Hardware Installation

1. Power off all devices, including the VGA source and display.
2. Connect your VGA cable between the computer's VGA and transmitting unit's **VGA Input** connector.
3. Connect your VGA cable between the VGA display and transmitting unit's **VGA Output**.
4. Connect a 3.5mm audio cable between the transmitter unit's **Audio In** and your computer's soundcard.
5. Connect your analog speaker to the transmitting unit's **Audio Out**.

6. Connect your CAT5/6/7 cable between the transmitting unit's **UTP Output** RJ-45 connector and receiving unit's **UTP Input** RJ-45 connector.

7. Connect a VGA display to the receiving unit's **VGA Output**.

8. Connect your analog speaker to the receiving unit's **Audio Out**.

9. Turn On your VGA displays.

10. Plug one of the included power adapters into the power jack of the transmitting unit, plug the second power adapter into the power jack of the receiving unit, then plug both power adapters into a reliable power source.

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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 **RMA** 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

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

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