VGA & Audio Long Range CAT5 Extender with AutoTuned & Auto-Deskew

Installation Guide

Introduction

SIIG's *VGA & Audio Long Range CAT5 Extender with Auto-Tuned & Auto-Deskew* is designed to extend your VGA and stereo audio signals over one economical CAT5/5e/6/7 cable.

Features and Benefits

- Extends VGA and Audio signals over a Cat5e/6 cable
- Maintains signal integrity up to 300m (984ft)
- Supports PC resolution up to 1920x1200@60Hz
- Supports local VGA monitor and stereo audio on the Transmitter
- Video RGB auto-tuned and auto de-skew support
- Metal housing for excellent RF shielding

Package Contents

- *VGA & Audio Long Range CAT5 Extender with Auto-Tuned & Auto-Deskew*
- 5V/2A Power adapter (2)
- VGA Cable
- 3.5mm Stereo Audio Cable
- Installation guide

Layout

Transmitter

LOCAL VGA OUT

Audio OUT

Audio IN

VGA IN

DC 5V power jack

Figure 1: Front view

LINE OUT

Auto-Tuned & Auto-Deskew button

Figure 2: Rear view

- **LOCAL VGA OUT**: Connects to a VGA display
- **Audio OUT**: Connects to 3.5mm stereo audio speakers
- **Audio IN**: Connects to the 3.5mm stereo audio output of your computer's soundcard
- **VGA IN**: Connects to a computer's VGA output
- **DC 5V power jack**: Plug the included power adapter here
- **LINE OUT**: Connects to the *Receiver's* **LINE IN** using an RJ-45 CAT5/6/7 cable
- **Auto-Tuned & Auto-Deskew button**: Press the button for Auto-Tuned & Auto-Deskew function

Receiver

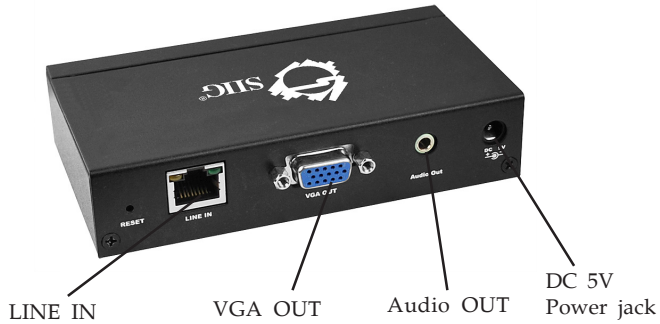LINE IN   VGA OUT   Audio OUT   DC 5V Power jack

Figure 3: Front view

- **LINE IN**: Connects to the *Transmitter's* **LINE OUT** using an RJ-45 CAT5/6/7 cable
- **VGA OUT**: Connects to a VGA display
- **Audio Out**: Connects to 3.5mm stereo audio speakers
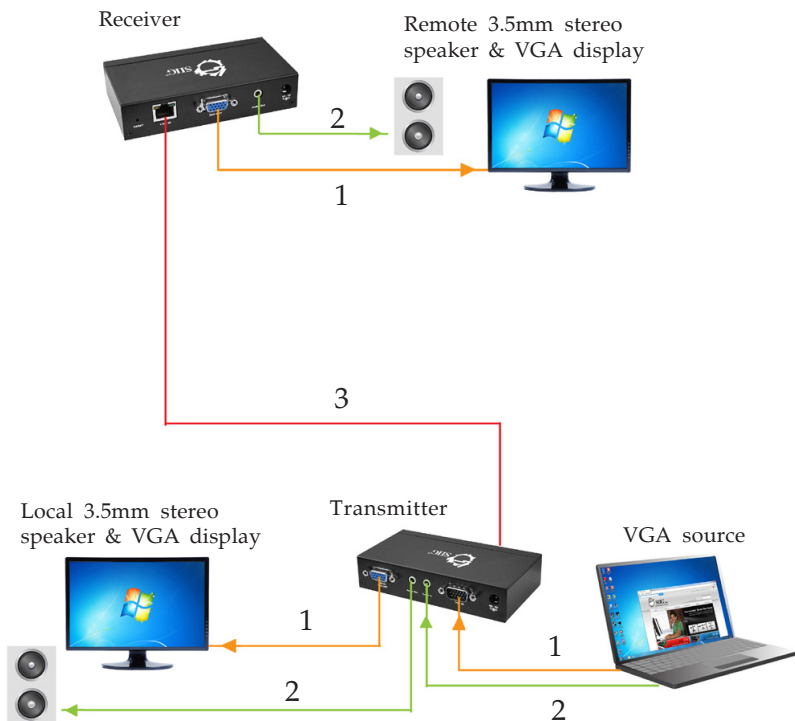- **DC 5V power jack**: Plug the included power adapter here

Power Adapter

Figure 4: Power Adapter

- Input: 100-240VAC, 50/60Hz, 0.5A
- Output: DC 5V, 2A

Application

1. VGA cable
2. 3.5mm audio cable
3. RJ45 cable (Transmission distance up to 300m)

Figure 5: Application

Hardware Installation

1. Power off all devices, including the VGA source (computer) and display.
2. Connect your computer's VGA output to the *Transmitter's* **VGA IN** using the included VGA cable.
3. Connect a VGA display to the *Transmitter's* **LOCAL VGA OUT** (optional).
4. Connect the computer's Audio out/Front-out to the *Transmitter's* **Audio In** using the included 3.5mm audio cable.
5. Connect 3.5mm stereo speakers to the *Transmitter's* **Audio Out** (optional).
6. Connect a CAT5/6/7 cable between the *Transmitter's* **LINE OUT** and the *Receiver's* **LINE IN**.
7. Connect a VGA display to the *Receiver's* **VGA OUT**.
8. Connect 3.5mm stereo speakers to the *Receiver's* **Audio Out**.
9. Power on all connected devices.
10. Plug the included power adapters into the *Transmitter* and the *Receiver*, then plug both power adapters into a reliable power source. The *Extender* is ready for use.

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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 2-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 two (2) 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 it.

B) If your purchase has passed the store's return policy period, please follow these steps 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 SIIG RMA 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 software, cable(s) and any other 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. All centered around the distribution and switching of A/V signals over CAT5/6, these products include matrix switches, distribution amplifiers, extenders, converters, splitters, cabling, and more.

SIIG is the premier one-stop source of upgrades and is committed to providing high quality products while keeping economical and competitive prices. High-quality control standards are evident by one of the lowest defective return rates in the industry. Our products offer comprehensive user manuals, user-friendly features, and most products are backed by a lifetime warranty.

SIIG products can be found in many computer retail stores, mail order catalogs, and e-commerce sites in the Americas, as well as through major distributors, system integrators, and VARs.

PRODUCT NAME

VGA & Audio Long Range CAT5 Extender
with Auto-Tuned & Auto-Deskew

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.
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