USB 2.0 4-Port Extender Quick Installation Guide

Introduction

The *USB 2.0 4-Port Extender*, using inexpensive CATx cabling, extends the distance to four USB devices up to 80 meters.

Features and Benefits

- Extends USB distance up to 80 meters via CATx cable
- Connect up to 4 USB devices
- Supports high-speed USB 2.0 devices and backward support for USB 1.1 devices
- Supports USB 2.0 data transfer rate up to 480Mb/s
- The extender requires no additional driver installation
- Supports hot-swap & Plug-and-Play

System Requirement

- Notebook or Desktop PC with an available USB port

Package Contents

- *USB Extender 4-Port Extender*-Transmitter
- *USB Extender 4-Port Extender*- Receiver
- USB 2.0 type A (M) to Type A (M) cable
- Power adapter
- Housing rubber pads (8)
- Quick installation guide

Layout

Transmitter

OUTPUT
UTP/STP

Power LED

Figure 1: Front Panel

- **OUTPUT UTP/STP**: Plug your CATx cable into this port, up to 80 meters maximum
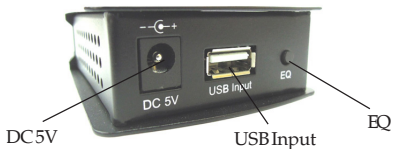- **Power LED**: On when the Transmitter is powered on

Figure 2: Rear Panel

- **DC 5V**: Connects to the included **Power Adapter**. **Note**: This connection is **optional** and only needed when your USB devices are not detected by the **Receiver**.
- **USB Input**: Connects to an available USB 2.0 port on your computer using the included USB 2.0 Type A to Type A cable
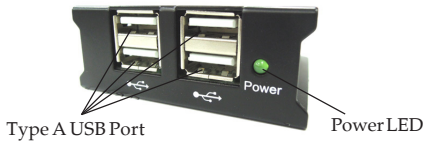- **EQ**: Press the EQ button to adjust for the length of the CATx cable

Receiver

Figure 3: Front Panel

- **Type A USB port**: Plug your USB device(s) into these ports

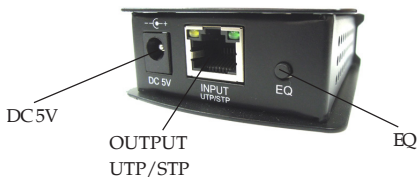- **Power LED**: On when the Transmitter is powered on

Figure 4: Rear Panel

- **DC 5V**: Connects to the included 5V DC power adapter
- **OUTPUT UTP/STP**: Plug your CATx cable into this port, up to 80 meters maximum
- **EQ**: Press the EQ button to adjust for the length of the CATx cable

Hardware Installation

1. Connect your CATx cable to the **OUTPUT UTP/STP** port of the Transmitter and the Receiver.
2. Plug your USB device(s) into the Receiver's **Type A USB port**.
3. Plug the included USB 2.0 Type A to Type A cable into the Transmitter's **USB Input** port, then plug the other end into your computer.

4.   Plug the power adapter to the Receiver's **5V DC** power jack. The extender is ready for use.

Transmission Distance Adjustment

Push the **EQ** button on both Transmitter and Receiver to adjust for the length of the CATx cable.
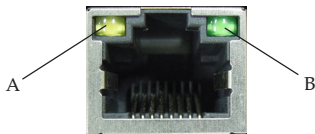

Figure 5

- Both A & B are off: The extension distance is under 60 meters
- A is on and B is off: The extension distance is 60 to 70 meters
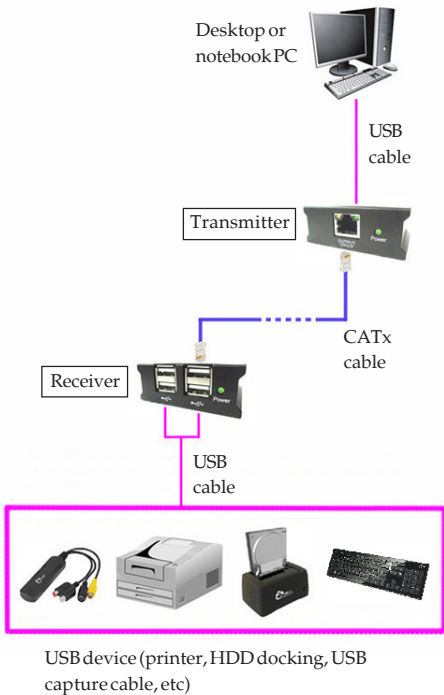- Both A & B are on: The extension distance is 70 to 80 meters

Application

Desktop or notebook PC

USB cable

Transmitter

CATx cable

Receiver

USB cable

USB device (printer, HDD docking, USB capture cable, etc)

Figure 6

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

USB 2.0 4-Port 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

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