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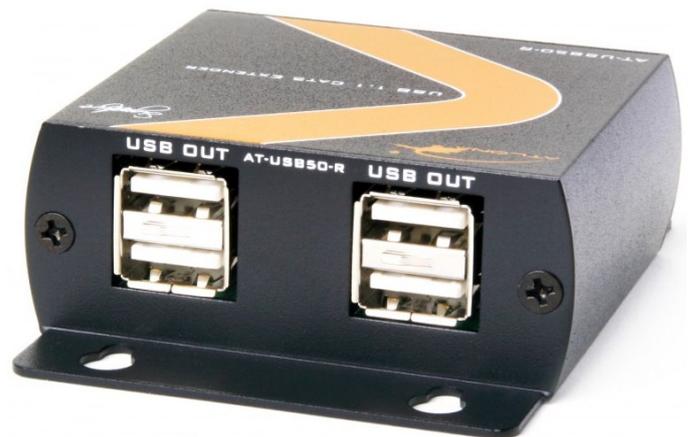
## User Manual

# USB Extender over CAT5/6/7 up to 165ft with 4-port USB hub at the receiving end AT-USB50-SR

Transmitter



Receiver



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## INTRODUCTION

The Atlona AT-USB50-SR is a USB 1.1 Extender over single CAT5/6/7 cable up to the distance of 165ft. The USB50-SR is a perfect way of extending keyboard, mouse and possible printer away from the computer. The advanced design allows no limitations or delays when using extender versus a direct connection to the computer.

The AT-USB50-SR could be used in conjunction with Atlona DVI, VGA, HDMI extenders for allowing user to extend video/audio along with USB up to a longer distance away from the computer.

Plug and Play, no drivers or software needed, user will not even notice the difference when using an extender versus a direct connection.

## PACKAGE CONTENTS

- 1 x Transmitter module
- 1 x receiver Module
- 1 x Power Supply for receiver module
- 1 x Instructions manual

## FEATURES

- Perfect for extending USB signal further away than standard USB Cable allows.
- Extend USB up to 165ft away from the computer on a single low-cost Cat5, 6 or 7 cable.
- Can be used with other Atlona extenders, e.g., HDMI, DVI or VGA to allow KVM
- Receiver device has a 4-port USB hub built-in which allows user to connect Keyboard, mouse, projector, printer, scanner, phone or any other USB enabled device.
- Plug and Play, no drivers or software needed
- Any computer is compatible, no limitations accept for the required USB port.

## SPECIFICATIONS

	Transmitter	Receiver
Inputs	1 x USB	1 x RJ45
Outputs	1 x RJ45	4 x USB
USB Type	Type A	
USB Version	1.1	
Speed	1.5Mbps	
Dimensions (W x H x D)	2.7" x 0.98" x 0.87"	1.69" x 2.63" x 1.06"
Weight	0.7lb (35gram)	0.26lb (120gram)

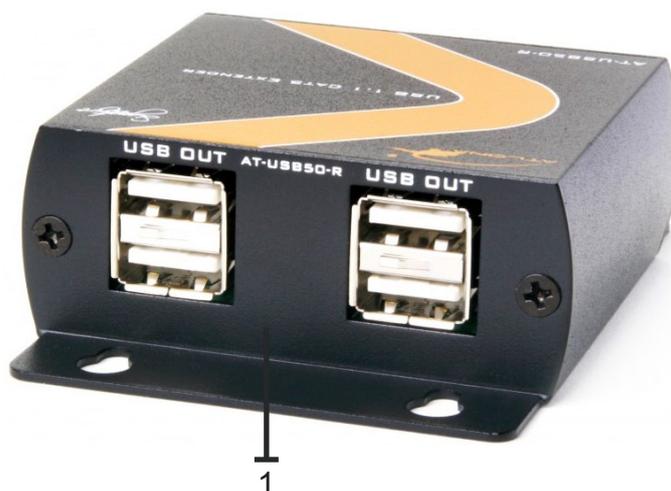
## PANEL DESCRIPTION

### 5.1. Transmitting Module



1. Link to Receiver
2. Connect to Computer USB Port

### 5.2. Receiving Module



1. Connect any USB device to any of the ports

## CONNECTION AND OPERATION

1. Connect transmitter module to the USB connection on a computer.
2. Connect mouse, keyboard, printer, scanner, phone or any other USB enabled device to the receiver module.
3. Install or use pre-existing CAT5, 6 or 7 cable.
4. Make sure to use a cable tester to check all wires are correctly terminated. (Incorrect Termination may cause damage to the receiver module).

## TROUBLESHOOTING

### **No Connection or Signal is going in and Out:**

- a. Please test your RJ45 cables with a Fluke or similar tester to make sure that all the wires are connected and the distance is within the limits.
- b. If you are using patch panel or and RJ45 wall plates, the distance will be reduced, please do a direct connection bypassing all additional equipment.
- c. Please try to re-terminate your CAT5/6/7 wire to 568B.

## SAFETY INFORMATION

### Safeguards



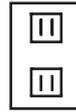
To reduce the risk of electric shock, do not expose this product to rain or moisture



Do not modify the wall plug. Doing so will void the warranty and safety features.



If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.



This equipment should be installed near the socket outlet and the device should be easily accessible in the case it requires disconnection.

### Precautions

FCC regulations state that any unauthorized changes or modifications to this equipment, not expressly approved by the manufacturer, could void the user's authority to operate this equipment.

Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product, or cause fires.

In the event of an electrostatic discharge this device may automatically turn off. If this occurs, unplug the device and plug it back in.

Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins or cord exit points from this product.

Avoid excessive humidity, sudden temperature changes or temperature extremes.

Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements, fish tanks, and swimming pools.

Use only accessories recommended by Atlona to avoid fire, shock, or other hazards.

Unplug the product before cleaning. Use a damp cloth for cleaning and not cleaning fluid or aerosols. Such products could enter the unit and cause damage, fire, or electric shock. Some substances may also mar the finish of the product.

Never open, remove unit panels, or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-USB50-SR. Opening the product will void the warranty.

Do not attempt to service the unit. Disconnect the product and contact your authorized Atlona reseller or contact Atlona directly.

## WARRANTY

### Limited Warranty

Atlona Technologies warrants that (a) its products (the AT-USB50-SR) will perform substantially in accordance with the accompanying written materials for a period of 3 years from the date of receipt and (b) that the product will be free from defects in materials and workmanship under normal use and service for a period of 3 years. In the event applicable law imposes any implied warranties, the implied warranty period is limited to 3 years from the date of receipt. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to customers that fall within those areas.

### Customer Remedies

Atlona Technologies' and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' decision, either return of the price paid for the product, repair, or replacement of the product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of the Customer's receipt. This Limited Warranty is void if failure of the product has resulted from accident, abuse, misapplication, or natural occurrence. In example but not limited to: power surges (electrical storms, local power outage), dropping the product (or items on the product), contact with fluids, and physical misconduct (i.e. kicking or punching). Any replacement product will be warranted for the remainder of the original warranty period.

### No other warranties

To the maximum extent permitted by applicable law, Atlona Technologies and its suppliers disclaim all other warranties, either expressed or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, with regard to the product and any related written materials. This Limited Warranty gives customer specific legal rights. Customers may have other rights depending on the jurisdiction.

### No liability for damages

To the maximum extent permitted by applicable law, in no event shall Atlona Technologies or its suppliers be liable for any damages arising out of the use of or inability to use this product, even if Atlona Technologies has been advised of the possibility of such damages. Such damages include but are not limited to: special, incidental, consequential, or indirect damages for personal injury, loss of business profits, business interruption, loss of business information, or any other pecuniary loss. Atlona Technologies' and its suppliers' entire liability under any provision of this agreement shall be limited to the amount actually paid by you for the product. Some Jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damage. The above limitations may not apply to you in such jurisdictional cases.

## **ATLONA PRODUCT REGISTRATION**

Thank you for purchasing this Atlona product. - We hope you enjoy it and will take an extra few moments to register your new purchase.

Registration creates an ownership record if your product is lost or stolen and helps ensure you'll receive notification of performance issues and firmware updates.

At Atlona, we respect and protect your privacy, assuring you that your registration information is completely secure. Atlona product registration is completely voluntary and failure to register will not diminish your limited warranty rights.

**To register go to:** <http://www.atlona.com/registration>