SIMPLE, EASY

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RS232 Extender over cat5 up to 1000ft

AT-RS232SRS

User Manual

Transmitter   Receiver

TABLE OF CONTENTS

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INTRODUCTION

Atlona Technologies' extender unit is an affordable solution providing control of any RS-232 protocol device. With regular RS-232 devices you are limited to an immediate area of control while this Atlona unit extends control over 250 meters. Atlona's RS-232 extender also provides full duplex transmission and hardware handshake signals, with no need for configuration.
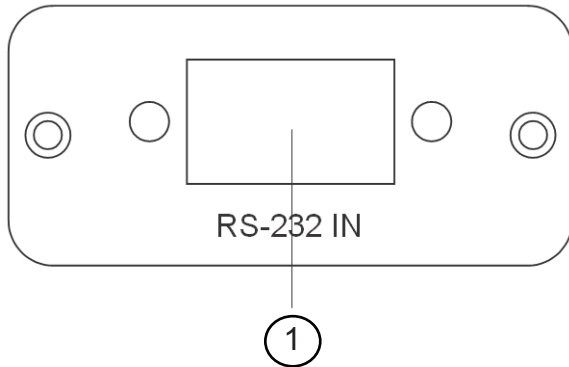
APPLICATION

- System installation.
- System controlling.

PACKAGE CONTENTS

- Unit Transmitter.
- Unit Receiver.
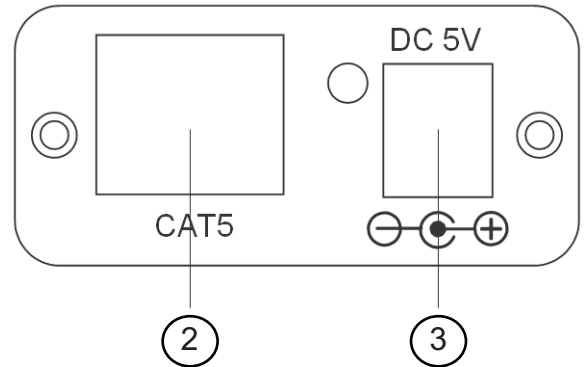- 5V DC power adaptor.
- Operation Manual.

SYSTEM REQUIRE

Input PC/laptop equipment, RS-232 (DB 9) female to male cable x 2, CAT 5 cable and output source device.

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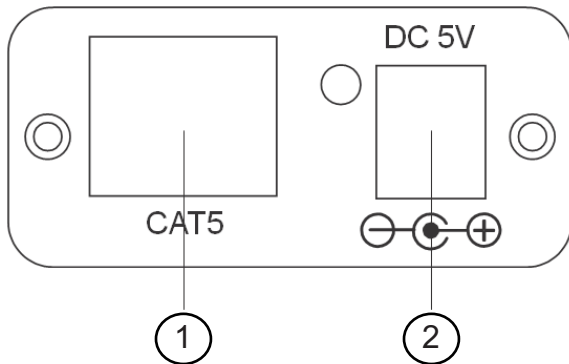
Transmitter Front Panel

Transmitter Rear Panel
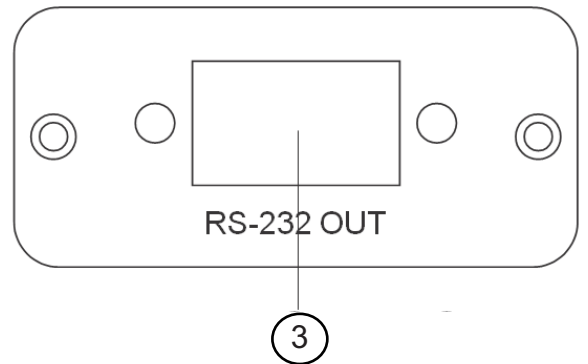
RS-232 IN

DC 5V

CAT5

1

2

3

1. Connect to PC/laptop's main control system with RS232 (DB 9) female to male cable for sending protocol to source device.

2. Connect with CAT 5 cable up to 250M and link to Receiver's CAT 5 connector.

3. Connect the 5V DC power adaptor into the unit and plug the adaptor to an AC wall outlet.
   Note: Only one adaptor is needed for both Transmitter and Receiver.

Receiver Front Panel

Receiver Rear Panel

DC 5V

CAT5

RS-232 OUT

1

2

3

1. Connect CAT 5 cable from Transmitter.

2. Connect the 5V DC power adaptor.
   Note: Only one adaptor is needed for both Transmitter and Receiver however, if no image is displayed then two adaptors will be required.

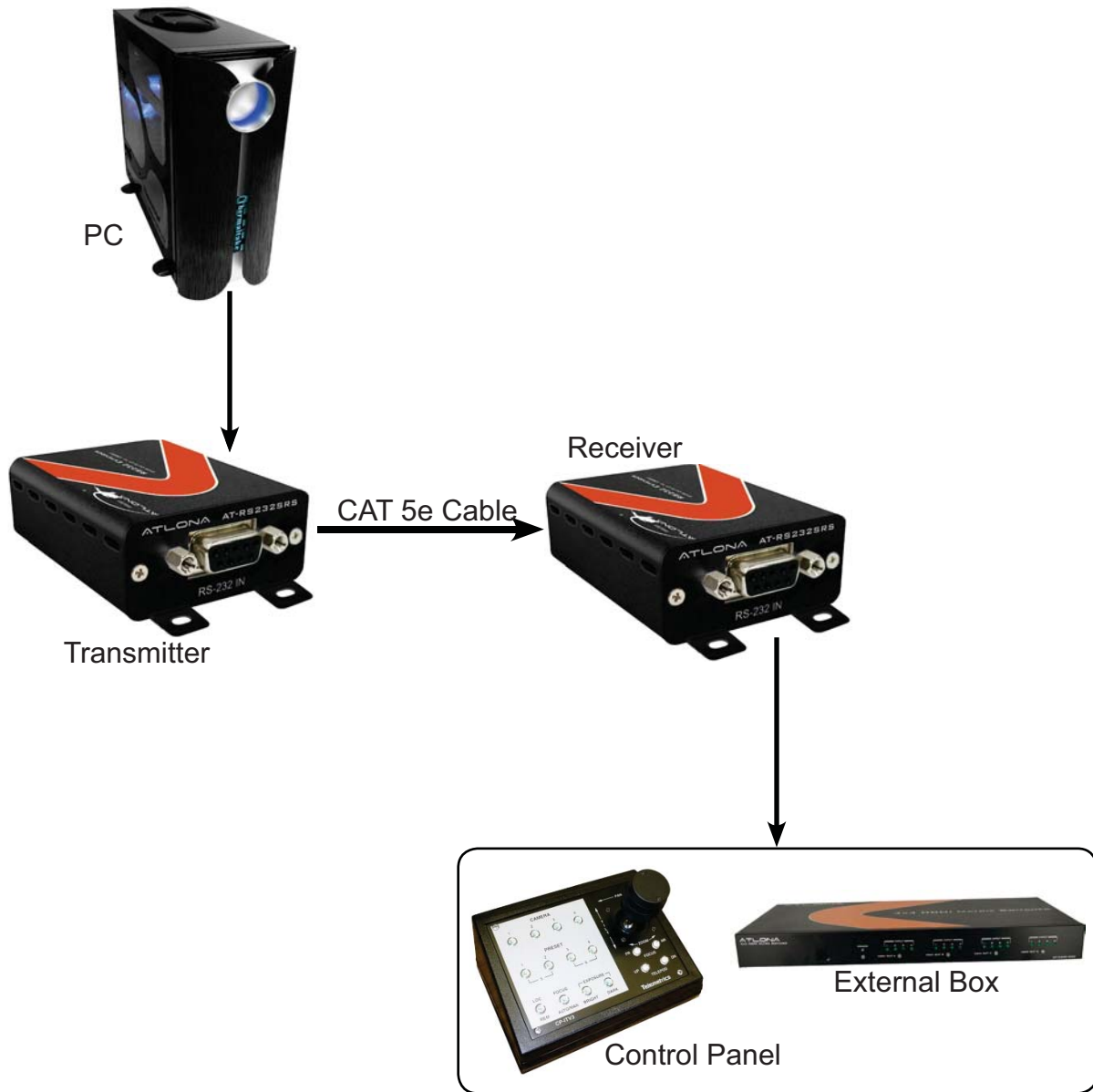3. Connect to source device with RS232 male to female cable for receiving and communicating with PC/Laptop.

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- Extends any RS232 compliant device up to 250 meters from source to display.
- 1 X CAT 5 cable
- Perfect for digital signage applications.
- Quick and easy installation
- Baud Rate: 110~921600.
- Data bit: 8bit.

SPECIFICATIONS:

Input port	RS232 female CAT 5
Output port	RS232 male CAT 5
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	50 x 67 x 23 / each
Weight (g)	80 / each
Chassis Material	Aluminum
Operating Temperature	From 0˚~40˚
Power consumption	0.5W(Max)

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PC

Receiver

CAT 5e Cable

Transmitter

External Box

Control Panel

4

Safeguards

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

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

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

This equipment should be installed near the socket outlet and the device should be easily accessible in 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 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. Do not use cleaning fluid or aerosols, which could enter the unit and cause damage, fire or electrical shock. Some substances may also mar the finish of the product.

Never open or 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-RS232SRS. Opening the product will void the warranty.

Do not attempt to service the unit. Instead disconnect it and contact your Authorized ATLONA reseller or contact ATLONA directly.

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1. LIMITED WARRANTY

Atlona Technologies warrants that (a) its products (the "Product") 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 Customer.

2. CUSTOMER REMEDIES

Atlona Technologies and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' option, either return of the price paid for the Product, or repair or replacement of the Product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of Customer's receipt. This Limited Warranty is void if failure of the Product has resulted from accident, abuse, or misapplication. Any replacement Product will be warranted for the remainder of the original warranty period or 3 year, whichever is longer.

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

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