CRS-232

Transmitter and CAT5 / RS-232 Receiver Extender Box

Operation Manual

Revision History

Version No	*Date*	*Summary of Change*
V1	***20090218***	***Preliminary Release***

Precautions

Failure to follow the precautions described below may cause damage to CRS-232 Extender Box and void the warranty.

- DO NOT open the case. Doing so will void the warranty. If you find problem with it, please return back to your retailer or seller who will assist you or provide you with solution.
- DO NOT use third-Party AC adapter or power cord. Doing so may damage CRS-232 Extender Box.
- DO NOT bump, jar or drop contents of the products as it may damage it and result in warranty void.
- DO NOT set any liquids or beverages on the drive as they may damage CRS-232 Extender Box.

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1. Introduction

The CAT 5 RS-232 extender is an affordable, hardware-based solution for giving you control of any RS-232 protocol device. With regular RS-232 devices you are limited to an immediate area of control. The CAT5 RS-232 extender extends control to over 250 meters and gives you a tremendous amount of flexibility in how and where you control your devices. The RS-232 extender also provides full duplex transmission and hardware handshake signals, with the need for any complicated set-up procedures.

2. Applications

- System installation.
- Control RS-232 devices from far away.
- System upgrading.

3. Package Contents

- CRS-232 Transmitter.
- CRS-232 Receiver.
- 5V DC power adaptor.
- Operation Manual.

4. System Requirements

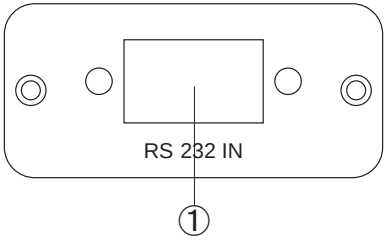
- Input PC/laptop equipment, DB 9 female to male cable x 2, CAT 5 cable and output source device.

5. Features

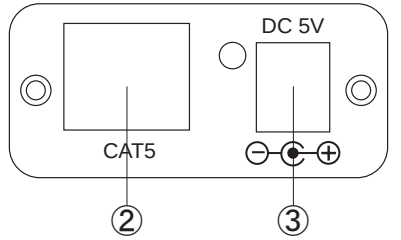
- Extends any compatible RS232 device up to 250 meters from the source to the display.
- Only One CAT 5 cable.
- Perfect for digital signage.
- Simple and easy installation.
- Has a Baud Rate of: 110~921600.
- Data bit: 8bit.

6. Operation Controls and Functions

6.1 TX Front Panel



TX Rear Panel



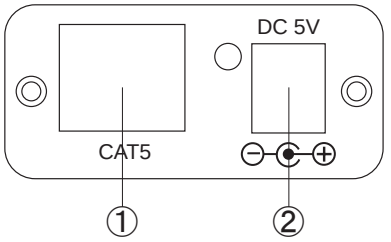
① Connect a PC/laptop's main control system with a DB 9 female to male cable in order to send protocol to the source device.

② Connect a CAT 5 cable up to 250M away and link it to the Receiver.

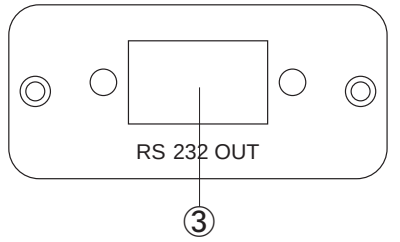
③ Connect the 5V DC power adaptor into the unit and plug the adaptor into an AC outlet.

Note: Only one adaptor is needed for both the Transmitter and Receiver.

6.2 RX Front Panel



RX Rear Panel



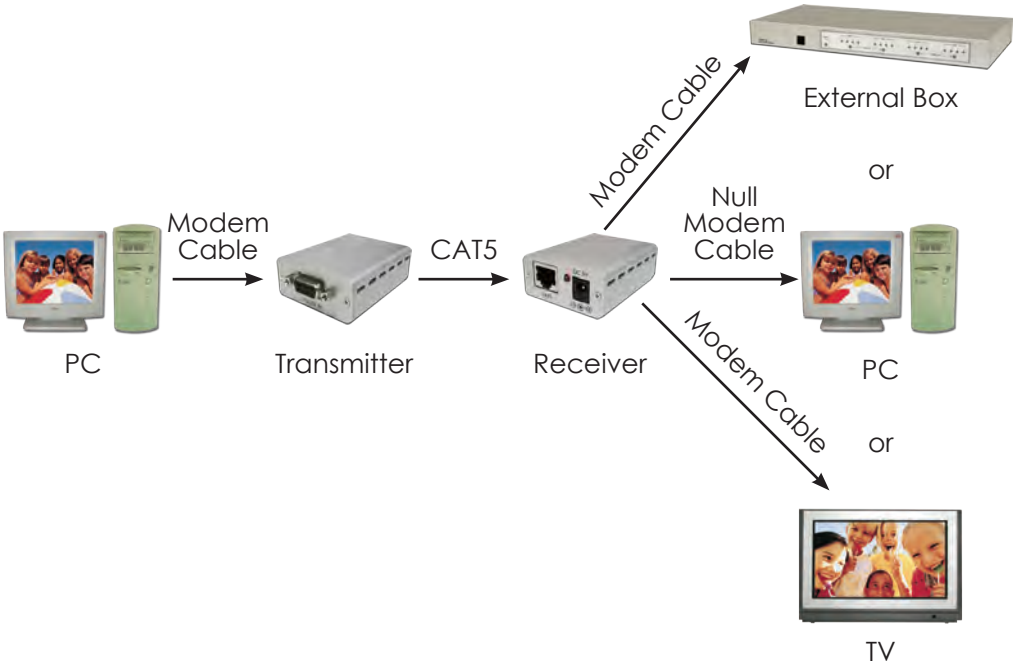
① Connect the CAT 5 cable from the Transmitter into the Receivers CAT 5 slot.

② Connect the 5V DC power adaptor.

Note: Only one adaptor is needed for both Transmitter and Receiver however, if operating at extreme distances or if no image is displayed then two adaptors will be required.

③ Connect to the source device with a DB 9 male to female cable for receiving and communicating with a PC/Laptop.

7. Connection and Installation



8. Specification

Input Port	RS232 D-Sub-9 female
	CAT 5
Output Port	RS232 D-Sub-9 male
	CAT 5
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	50(W) x 67(H) x 23(D) / each
Weight (g)	80 / each
Chassis Material	Aluminum
Silkscreen Color	Silver
Operating Temperature	0°C~40°C
Power Consumption	0.5W(Max)

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Home page: http://www.cypress.com.tw

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