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.

Table of Contents

1. Introduction

The CAT 5 RS-232 extender is an affordable, hardware-based solution providing 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 provides a tremendous amount of flexibility in your topology. The RS-232 extender also provides full duplex transmission and hardware handshake signals, with no need for any set up or configuration.

2. Applications

- System installation.
- System controlling.
- System upgrading.

3. Package Contents

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

4. System Requirements

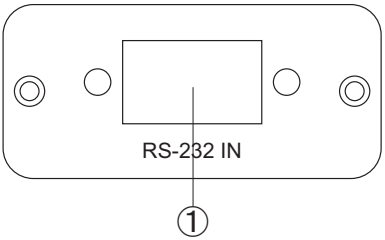
Input PC/laptop equipment, DB 9 female to male cable x 2, CAT 5 cable and output source device.

5. Features

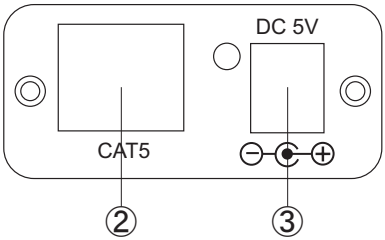
- Extends any RS232 compliant device up to 250 meters from the source to displayer.
- One CAT 5 cable only.
- Perfect for digital sinage applications.
- Simple installation easy operation.
- Baud Rate: 110~921600.
- Data bit: 8bit.

6. Installation

6.1 TX Front Panel



TX Rear Panel



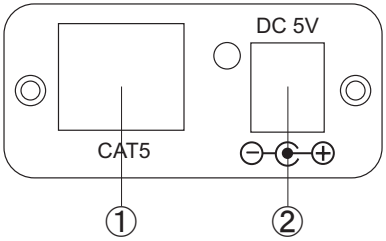
① . Connect to PC/laptop's main control system with DB 9 female to male cable for sending protocol to source device.

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

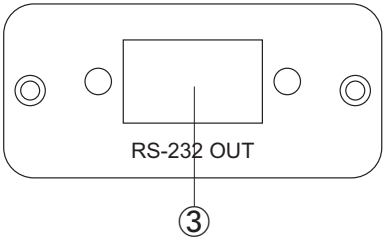
③ . Connect the 5V DC power adaptor into the unit and plug the adaptor to AC wall outlet.

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

6.2 RX Front Panel



RX Rear Panel



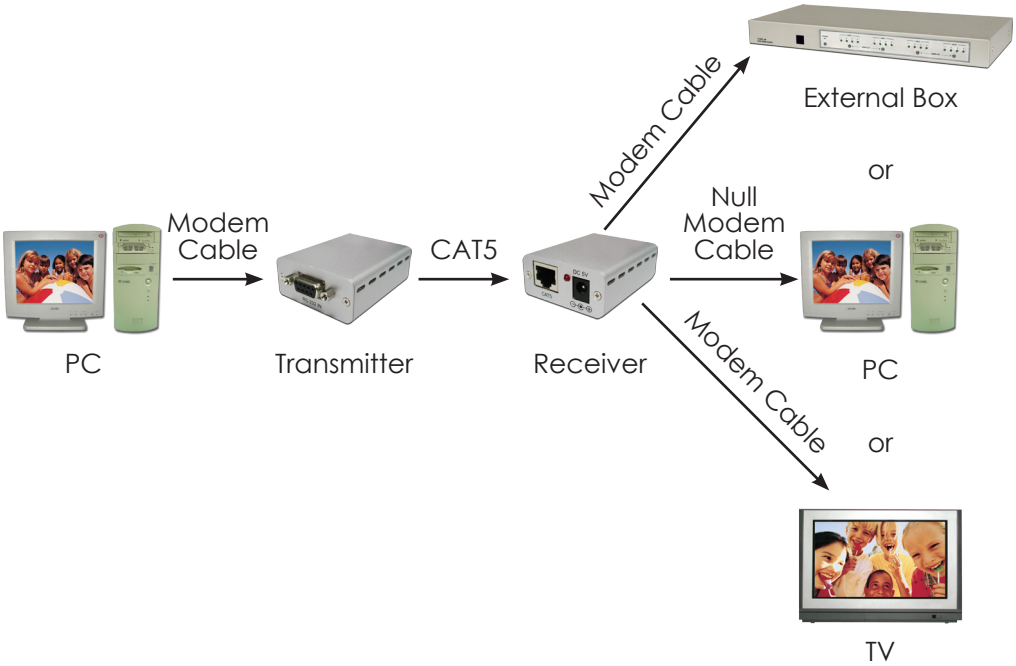
① . Connect from Transmitter side the CAT 5 cable.

② . Connect the 5V DC power adaptor.

Note: Only one adaptor is needed for both Transmitter and Receiver however, if no image display then two adaptor will be required.

③ . Connect to source device with DB 9 male to female cable for receiving and communicating with 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)

CYPRESS TECHNOLOGY CO., LTD.
Home page: http://www.cypress.com.tw

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