

RS232 over CAT5 Cable Transmitter & Receiver Extender - ID# 724



Operation Manual

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.

Application

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

System Requirements

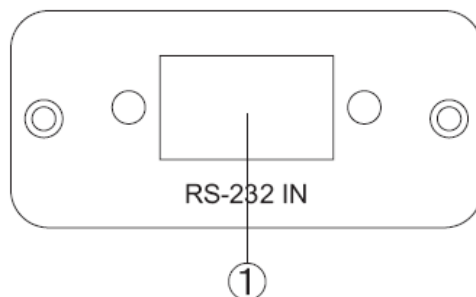
Input PC/laptop equipment, DB 9 female to male cable x 2, CAT 5 cable and output source device.

Features

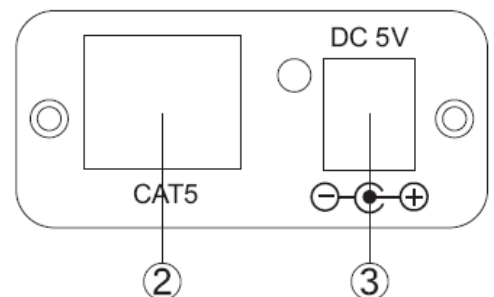
- Extends any RS232 compliant device up to 250 meters from the source to display.
- One CAT 5 cable only.
- Perfect for digital signage applications.
- Simple installation easy operation.
- Baud Rate: 110~921600.
- Data bit: 8bit.

Operating Functions and Controls

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.

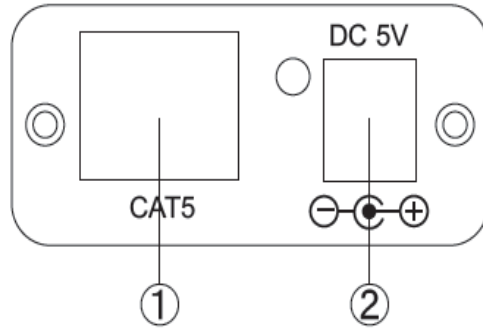
② . Connect with CAT 5 cable up to 250M and link to Receiver side's CAT 5

connector.

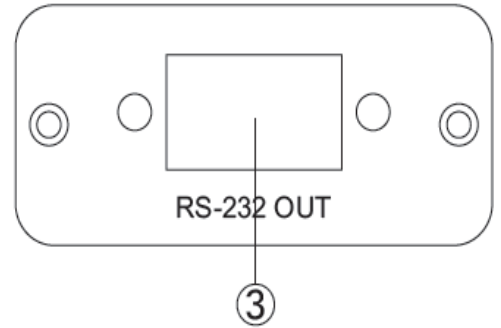
③ . Connect the 5V DC power adaptor into the unit and plug the adaptor to AC wall outlet.

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

RX Front Panel



RX Rear Panel



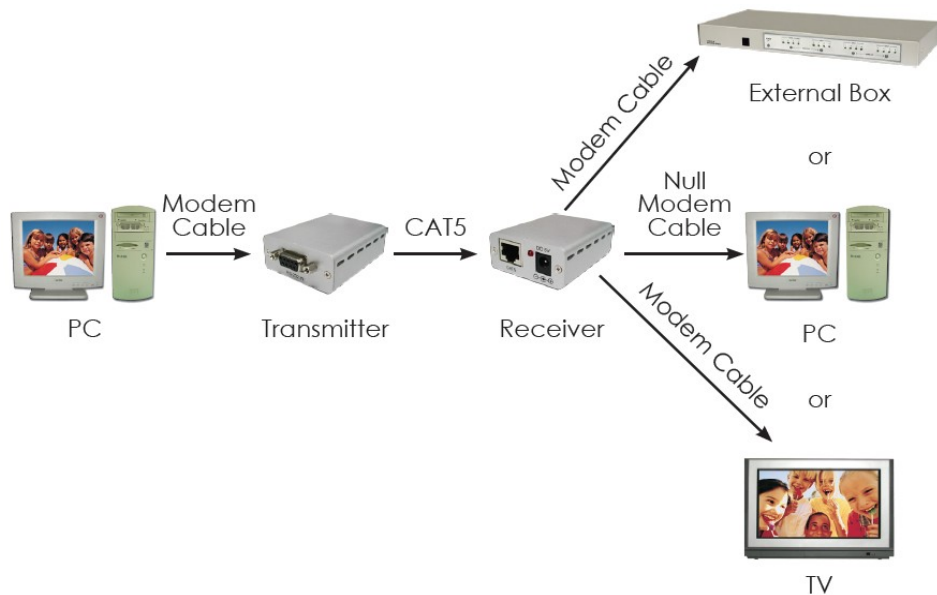
① . Connect from Transmitter side the CAT 5 cable.

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.

Connection and Installation



Specifications

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)