

Gefen®

RS-232 Extender

EXT-RS232
USER'S MANUAL



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Notice

Gefen, LLC reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

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INTRODUCTION

Congratulations on your purchase of the Gefen RS232 extender.

Your complete satisfaction is very important to us. Gefen's line of KVM (Keyboard Video & Mouse), ADC, DVI, USB, switches, extenders, converters and splitters is designed to make computer use more comfortable, more productive and less expensive. KVM switches allow access to multiple computers from a single keyboard, while the extenders give the user control over a computer up to 330 feet away from the work area.

Gefen products offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, and school and corporate training environments.

Our Commitment

Gefen will always offer the finest quality product at the best possible price. Included in that price is a lifetime of free support from a team of outstanding engineers.

The Gefen RS232 extender allows RS232 devices to be extended up to 1000 feet using a CAT-5 cable. The RS232 extender send unit is connected directly to the computer with the supplied RS232 cable. A CAT-5 cable is used to connect the RS232 extender send unit to the RS232 extender receive unit. The RS232 extender keeps your desk clutter-free, allowing the relocation of your computer to a safe and secure area, while allowing you to work in a quieter environment.

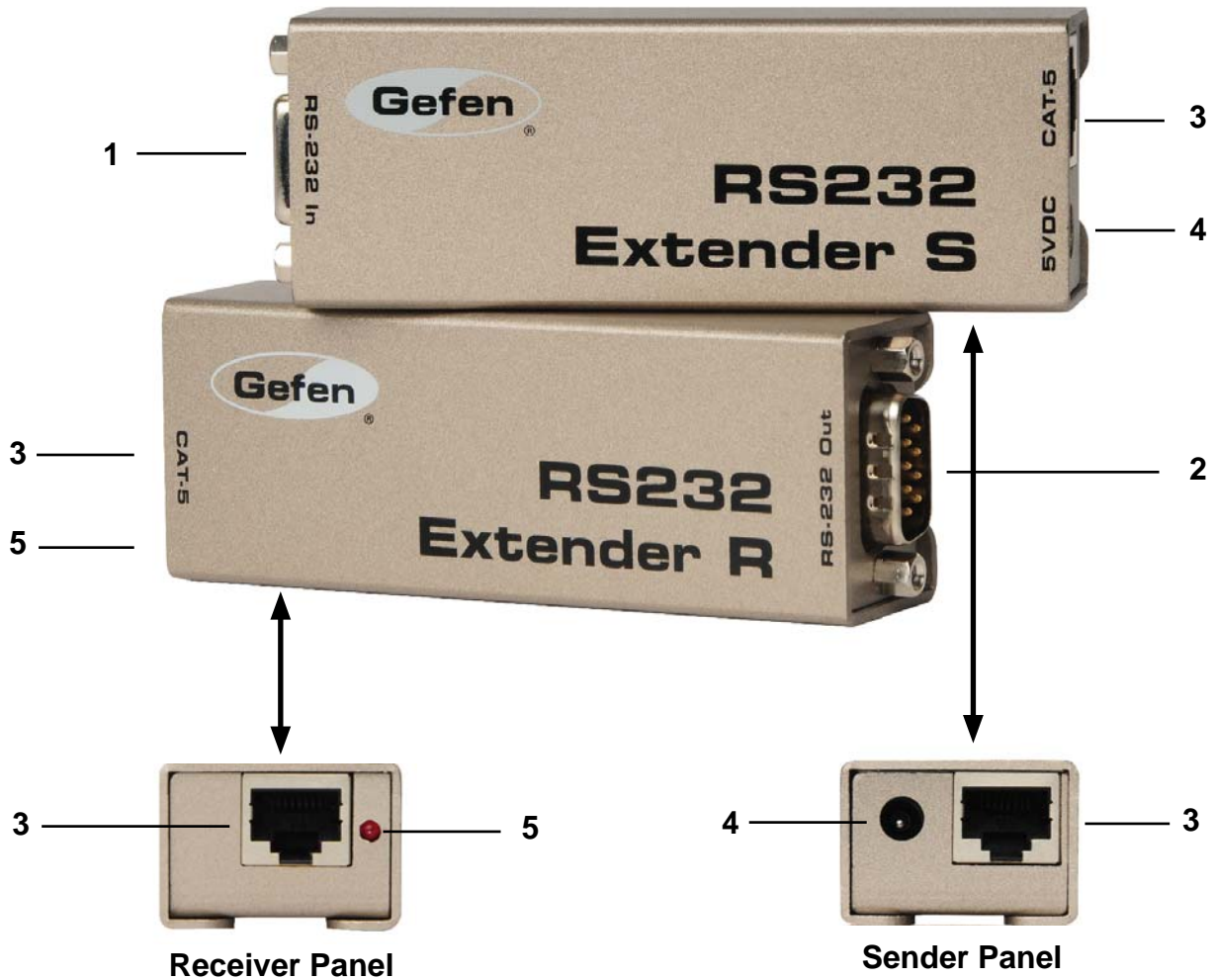
FEATURES

Features

- Extends any RS232 compliant device up to 1000 feet (300 meters) from the computer
- Only one CAT-5e cable needed for extension
- Perfect for digital signage applications
- Supports the full 9-pin RS-232 communications standard

Includes:

- (1) RS232 Extender Sender Unit
- (1) RS232 Extender Receiver Unit
- (1) 6 foot DB9 serial cable (M-F)
- (1) 5V external power supply



Connectors

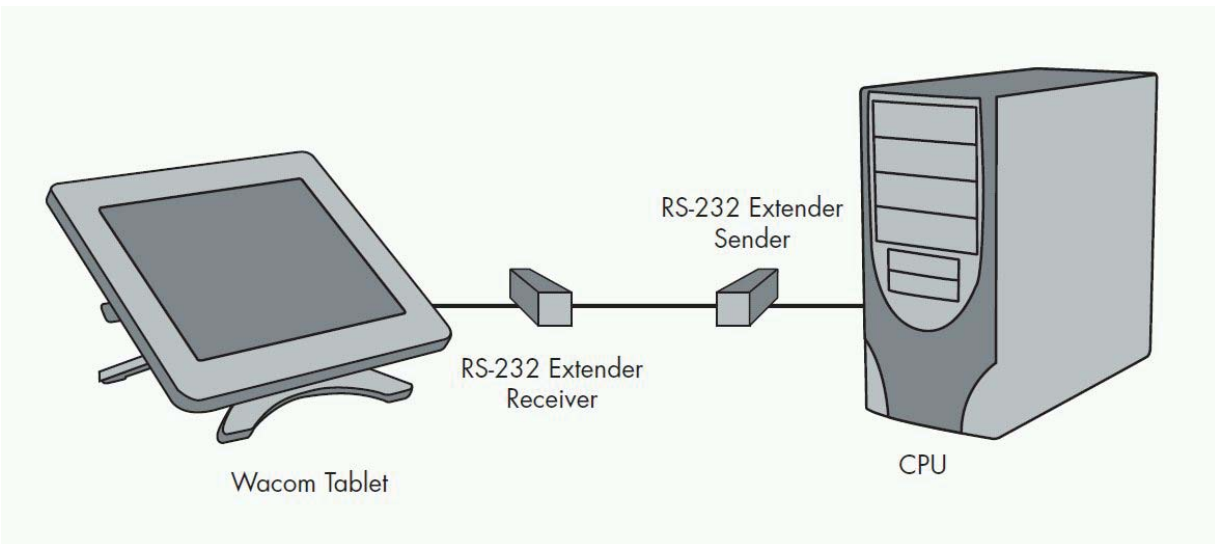
1. Sender RS-232 Port (attach computer to this port)
2. Receiver RS-232 Port (attach graphics tablet, mouse/keyboard or other RS-232 accessory here)
3. CAT5 Ports -- connect Sender and Receiver together here with CAT5/CAT5e/CAT6 cable (RJ45 Connector)
4. 5V DC power supply input on Sender (supplies power to the system)
5. Red LED on Receiver -- lights up to indicate successful transmission of power and RS-232 signals between Sender and Receiver.

CONNECTING AND OPERATING THE RS232 EXTENDER

How to Connect the RS232 Extender

- 1- Connect the supplied RS232 cable from the RS-232 port on the computer/source device to the input port on the RS232 extender send unit.
- 2- Connect the CAT5 cable from the send unit to the receive unit.
- 3- Connect your RS-232 device into the RS232 extender receiver unit on its output port.
- 4- Plug the 5 volt power supply into the RS232 extender send unit.

Figure 1: Example extension of a graphics tablet using the EXT-RS232 Extender



SPECIFICATIONS

RS232 Input Connector	DB-9 female
RS232 Output Connector	DB-9 male
Link Connector	RJ-45 Shielded
Power Consumption	5 Watts (max)
Power Supply	5V DC @ 1A (max)
Dimensions	1.2" W x 3.8" D x 1.2" H
Shipping Weight	1 Lbs
Supported Standards	RS-232
Max. Data Transmission Rate	115,200 baud

WARRANTY

Gefen warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen is notified within two (2) years from the date of shipment, Gefen will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30 day warranty and cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the features and specifications is subject to change without notice.

For the latest warranty coverage information, please visit Gefen's Warranty web page at <http://www.gefen.com/kvm/aboutus/warranty.jsp>

PRODUCT REGISTRATION

Please register your product online by visiting Gefen's web site at <http://www.gefen.com/kvm/Registry/Registration.jsp>



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This product uses UL listed power supplies.