



**VGA Extender SR**  
USER MANUAL

## ASKING FOR ASSISTANCE

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### Notice

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

**the VGA Extender SR** is a trademark of Gefen Inc.  
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# INTRODUCTION

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Thank you for purchasing the new extend•it VGA Extender SR by Gefen, Inc.

The extend•it VGA Extender SR by Gefen allows users the benefits of extending VGA signals beyond the desktop. The VGA Extender SR series can be used to extend a VGA signal to cover the distance of 150 feet. Industry standard Category 5 (CAT-5) cable is used for the extension.

## **CONTENTS**

The VGA Extender SR system consists of:

- (1) VGA Extender SR sender unit
- (1) VGA Extender SR receiver unit
- (1) 5 VDC power supply
- (1) VGA M-F cables (6FT)
- (1) User Manual

## **HOW IT WORKS**

In its most basic application, the VGA Extender SR sender resides next to the computer. With the supplied VGA cable, the VGA Extender SR sender is connected to the computer. The VGA Extender SR receiver is then placed next to the monitor or projector. Industry standard Category 5 (CAT-5) cable is used to link the VGA Extender SR sender and VGA Extender SR receiver together.

## OPERATION NOTES

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### **READ THESE NOTES BEFORE INSTALLING OR OPERATING THE VGA EXTENDER SR SYSTEM**

- Use industry standard Category-5 (CAT-5) cable to operate the VGA Extender SR system. CAT-5e cable is preferred.
- Please connect all the cables between the computer and the VGA Extender SR before powering up the VGA Extender SR unit.
- The VGA Extender SR units are housed in a metal box for better RF shielding.

## INSTALLATION INSTRUCTIONS

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1. Connect the VGA Extender SR sender unit to the VGA output on the back of your computer. The supplied six foot M-F VGA cable connects the CPU and sender unit together.
2. Connect the VGA Extender SR receiver unit to your monitor with the VGA cable that is attached to your monitor.
3. Connect the CAT5 cable between the VGA Extender SR sender and receiver's CAT5 input.
4. Plug the 5 volt power supply into the sender unit. The VGA Extender SR receiver will draw power from the sender.

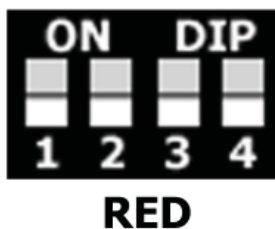
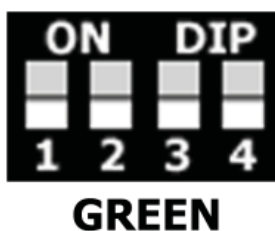
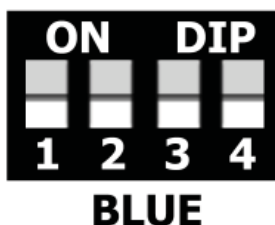


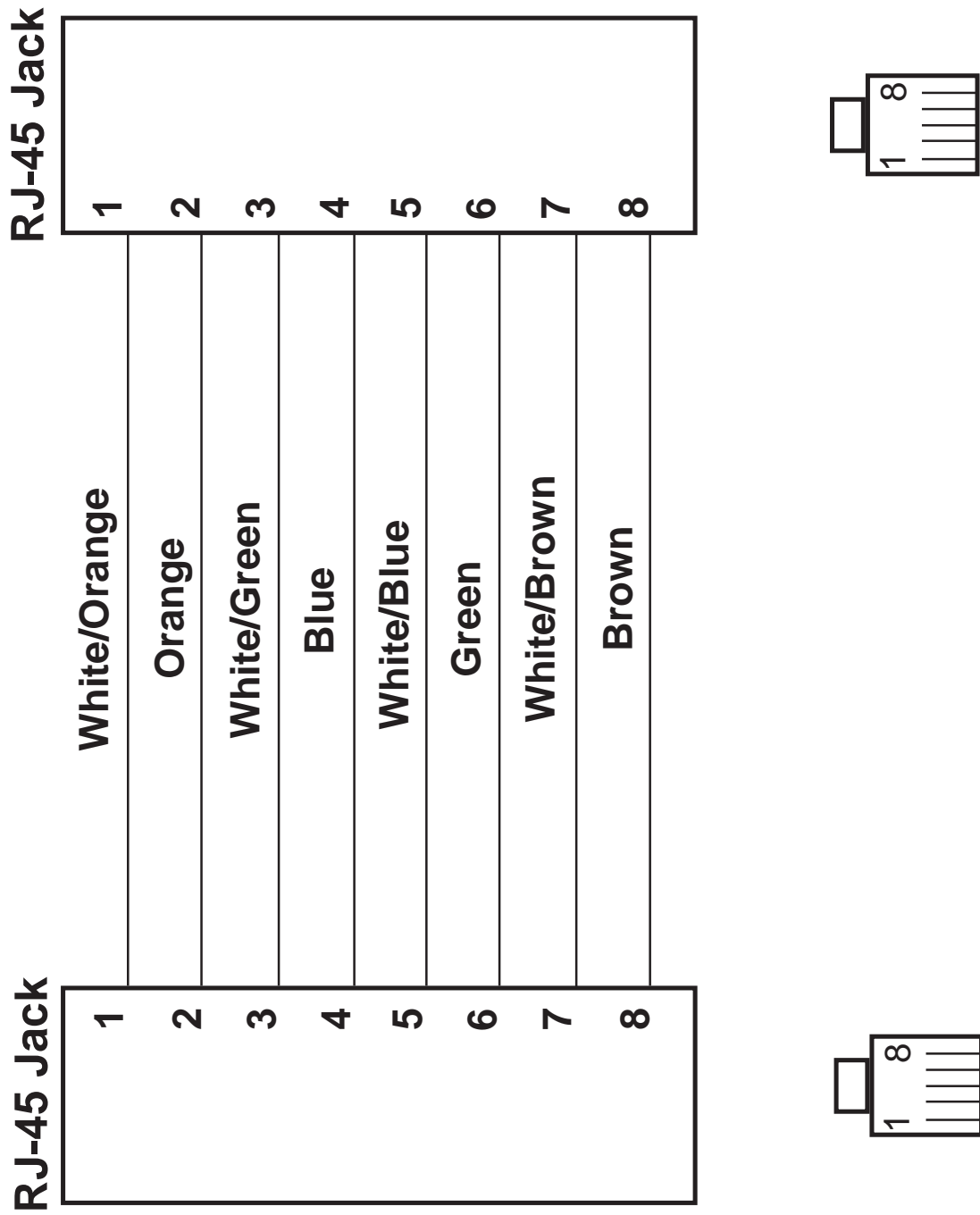
## HOW TO ADJUST THE PICTURE

The first step in adjusting the video quality is to display text and a graphic on your monitor (i.e. desktop icons). Then set your computer to the resolution that you will be using most frequently. The dip switches are used to set the focus and sharpness of the picture to the best possible setting. Set the dip switches to the settings that are recommended for the different lengths of CAT5 cable (see chart below). Verify that the picture quality is to your satisfaction. If the recommended setting does not produce a great quality picture, try using a different dip switch setting.

0-25 Feet	All dip switches OFF for all colors.
26-55 Feet	Set dip switch #1 ON all colors. 2,3,4 remain OFF.
56-85 Feet	Set dip switch #2 ON all colors. 1,3,4 remain OFF.
116-145 Feet	Set dip switch #3 ON all colors. 1,2,4 remain OFF.
146 Feet and Up	Set dip switch #4 ON all colors. 1,2,3 remain OFF.

NOTE: The dip switches are set to the OFF position when the switch is closest to the number or in the down position.

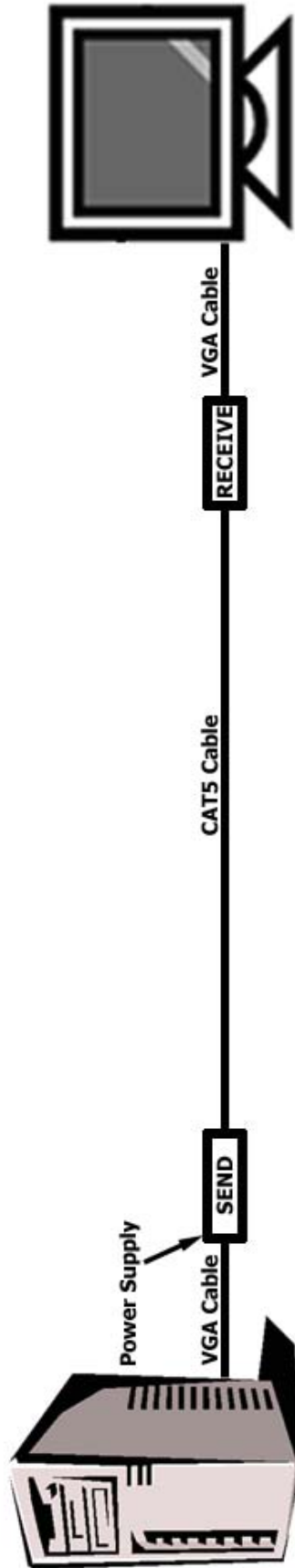






# WIRING DIAGRAM

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## SPECIFICATIONS

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Video Amplifier Bandwidth .....	350 MHz
Input Video Signal .....	1.2 Volts p-p
Video In .....	HD-15
Focus .....	25 to 150 feet
Video Out .....	HD-15
Link Connector .....	RJ-45
Power Supply .....	5V DC
Power Consumption .....	5 watts (max)
Dimensions .....	1.9"H x 1.6"W x 3.5"D
Shipping Weight .....	2 lbs.

## WARRANTY

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

If equipment fails because of such defects and Gefen Inc. is notified within two (2) year from the date of shipment, Gefen Inc. 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 cable must be free from any scratches, markings, and neatly coiled.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen Inc. assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen Inc., 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 VGA Extender SR features and specifications is subject to change without notice.