



**Component
Extender**
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.

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INTRODUCTION

Thank you for purchasing the Component Extender by Gefen, Inc.

The Component Extender allows users to extend Component video signals beyond the A/V rack. The Component Extender Series can be used to extend a Component signal to cover the distances up to 330 feet. Industry standard Category 5e (CAT-5e) cable is used for the extension.

HOW IT WORKS

The Component Extender sender resides next to the TV source. With the supplied Component cable, the Component Extender sender is connected to the source. The Component Extender receiver is then placed next to the monitor or projector. Industry standard Category 5e (CAT-5e) cable is used to link the Component Extender sender and Component Extender receiver together.

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE COMPONENT EXTENDER SYSTEM

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

FEATURES

Features

- Extends Component video up to 330 feet
- Power only required only on transmitter.
- Plug & Play installation.
- One CAT5 Cable for extension.
- No Loss of Quality.

Includes:

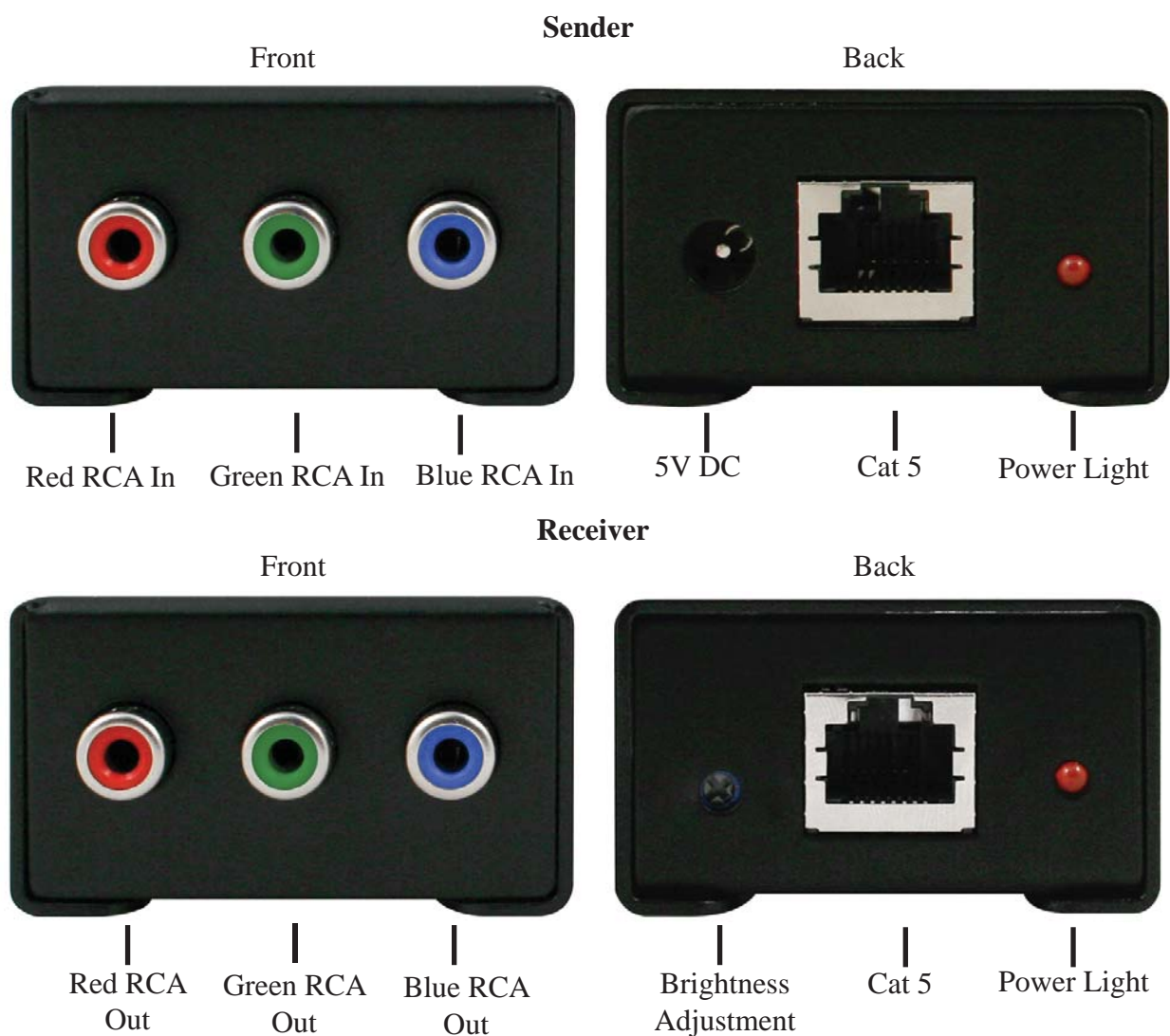
Component Extender sender unit
Component Extender receiver unit
5V DC power supply
Component Cable
User's Manual



INSTALLATION INSTRUCTIONS

1. Connect the Component output of your TV source to the input on the Component Extender Sender Unit.
2. Connect the Component input of your display or projector to the Component output on the Component Extender Receiver Unit.
3. Connect the CAT-5 cable between the Component Extender sender and receiver's CAT-5 input.
4. Power on both the Component source and display
5. Plug the 5 volt power supply into the sender unit. The Component Extender receiver will draw power from the sender.

Note: Any of the 3 RCA lines can be used for any color. Both ends will need to be matched for the signal to be passed through correctly.



RJ-45 Jack



White/Orange

Orange

White/Green

Blue

White/Blue

Green

White/Brown

Brown

RJ-45 Jack

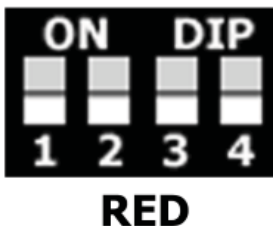
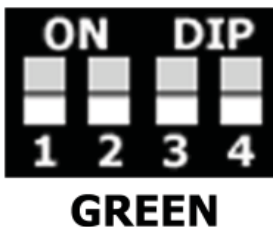
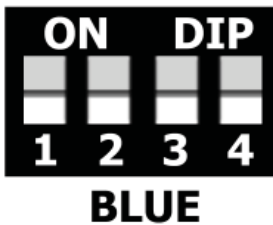


HOW TO ADJUST THE PICTURE

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 source 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. The trim pod next to the RJ-45 connector on the Component Extender-S allows brightness adjustments for video.

| | |
|-----------------|--|
| 0-25 Feet | All dip switches OFF for all colors. |
| 26-100 Feet | Set dip switch #1 ON all colors. 2,3,4 remain OFF. |
| 101-200 Feet | Set dip switch #2 ON all colors. 1,3,4 remain OFF. |
| 201-300 Feet | Set dip switch #3 ON all colors. 1,2,4 remain OFF. |
| 301 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.



SPECIFICATIONS

| | |
|---------------------------------|----------------------------|
| Video Amplifier Bandwidth | 350 MHz |
| Input Video Signal | 1.2 Volts p-p |
| Video In | 3 RCA Component Video |
| Video out | 3 RCA Component Video |
| Link Connector | RJ-45 |
| Power Consumption | 5 Watts (max.) |
| Power Supply | 5V DC |
| Dimensions | 0.875"H x 1.625"W x 3.25"D |
| Shipping Weight | 3 lbs. |

WARRANTY

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 Component Extender features and specifications is subject to change without notice.