Gefen

®

VGA Audio Extender

**EXT·VGA·AUDIO·141
USER MANUAL**

www.gefen.com

Technical Support:
Telephone   (818) 772-9100
                      (800) 545-6900

Fax   (818) 772-9120

Technical Support Hours:
8:00 AM to 5:00 PM Monday thru Friday PST

Write To:

Gefen, LLC
20600 Nordhoff St.
Chatsworth, CA 91311

www.gefen.com
support@gefen.com

Notice

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

VGA Audio Extender is a trademark of Gefen, LLC

Rev A3

TABLE OF CONTENTS

Thank you for purchasing the new VGA Audio Extender by Gefen, LLC. The VGA Audio Extender will extend both VGA and analog audio up to 150 feet over one CAT-5 cable.

CONTENTS

The VGA Audio Extender package consists of:

(1) VGA Audio Sender Unit
(1) VGA Audio Receiver Unit
(1) 6 ft. VGA cable
(1) 6 ft. Audio cable
(2) 5V DC power supply (EXT-PS51AIP)
(1) Quick-Start Guide

HOW IT WORKS

The VGA Audio Extender utilizes a sender and receiver methodology to connect the extended workstation to the computer. Simply connect the sender unit to your computer using the supplied cables. Connect the receiver unit to the display and speakers. To connect both the sender and receiver units together, use CAT5e cables (sold separately). Both the sender and the receiver units must be connected to a power supply.

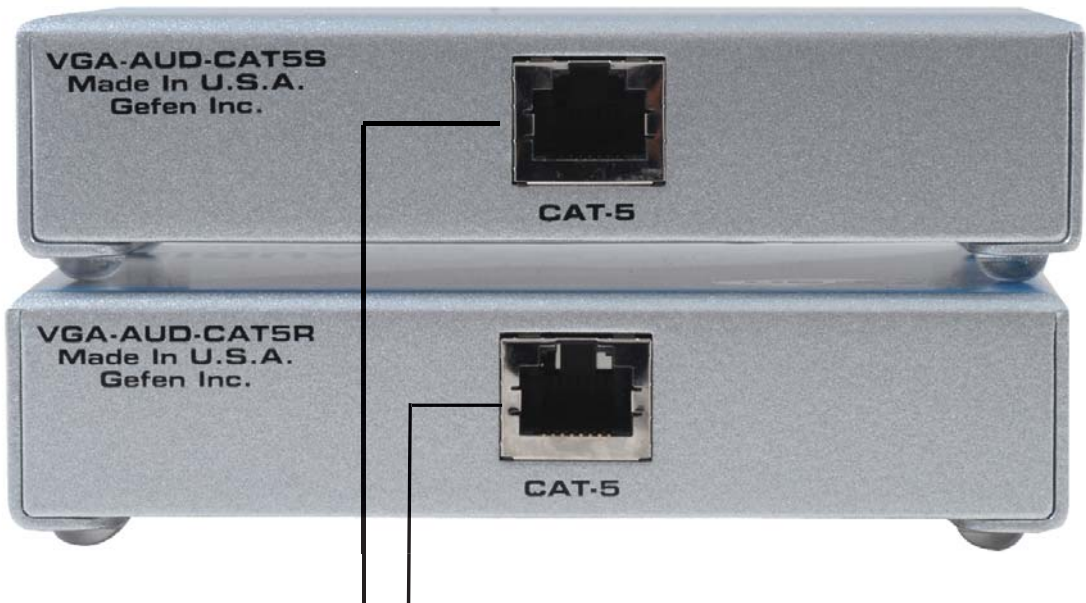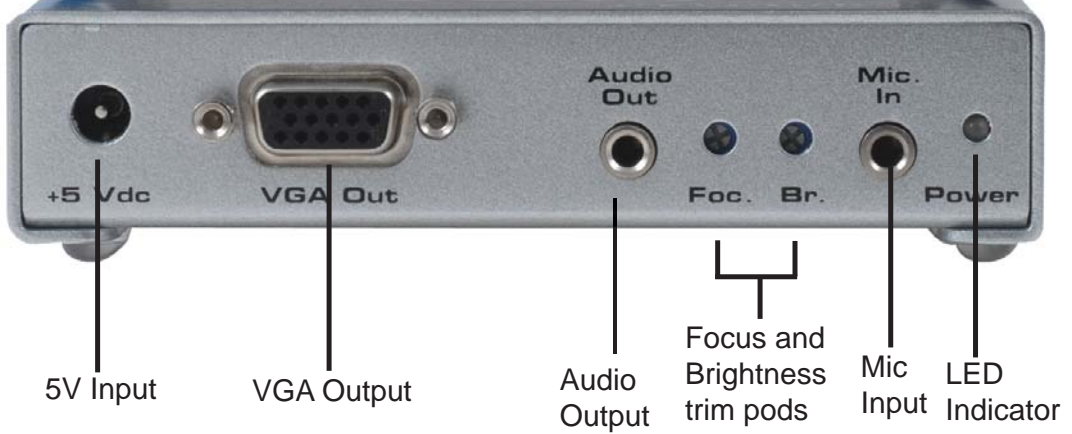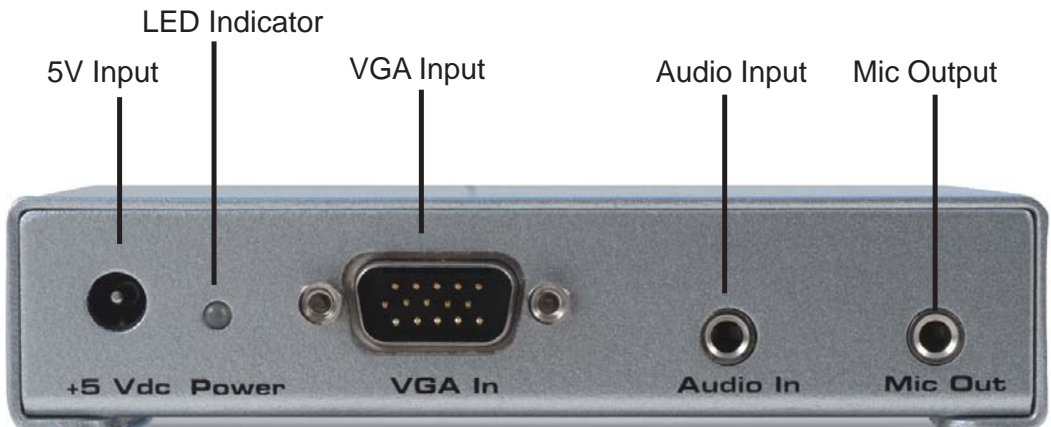**READ THESE NOTES BEFORE INSTALLING
OR OPERATING THE VGA AUDIO EXTENDER SYSTEM**

• Use industry standard Category-5 (CAT-5) cable to operate the VGA Audio Extender system. CAT-5e cable is preferred.

• Please connect all the cables between the computer and the VGA Audio Extender before powering up the VGA Audio Extender unit.

• The VGA Audio Extender units are housed in a metal box for better RF shielding.

5V Input

LED Indicator

VGA Input

Audio Input

Mic Output

+5 Vdc   Power   VGA In   Audio In   Mic Out

Audio
Out

Mic.
In

+5 Vdc   VGA Out   Foc.   Br.   Power

5V Input   VGA Output   Audio
Output

Focus and
Brightness
trim pods

Mic
Input

LED
Indicator

VGA-AUD-CAT5S
Made In U.S.A.
Gefen Inc.

CAT-5

VGA-AUD-CAT5R
Made In U.S.A.
Gefen Inc.

CAT-5

RJ45 jacks for CAT-5 cables linking Sender and Receiver

INSTALLATION INSTRUCTIONS

1. Connect your source to the VGA Audio Extender sender unit using the included VGA Cable.

2. Connect your audio and mic source to the VGA Audio Extender sender using the included audio cable (mic cable sold separately).

3. Connect your display to the VGA Audio Extender receiver unit using a VGA Cable.

4. Connect the audio on your display or audio receiver to the VGA Audio Extender receiver unit using the included audio cable. At this point you can also connect your mic to the receiver.

5. Connect your CAT-5 cable between the sender and the receiver.

6. Plug the 5V power supply into the VGA Audio Extender sender and receiver unit.

7. Turn your display on first, then your source and you should now have picture and sound.

LED INDICATORS

If you do not get a picture, make sure you have everything connected correctly and that both LED lights on the sender and receiver units should be green. If your LED lights are red, verify that everything is connected correctly. First, make sure you check the VGA cable, connecting from your source to the sender, is attached properly and that your CAT-5 cable, connecting your sender and receiver, is also connected properly. If you continue to see a red light after you have verified that all the cables have been connected correctly, then please contact technical support.

BRIGHTNESS AND FOCUS TRIM PODS

If your picture is too dark or if you see a "ghosting" effect on your display, then the trim pods will help correct this problem. If your picture is too dark then the brightness trim pod will help brighten up your display. If your picture has a "ghosting" effect, Then the focus trim pod will help sharpen up your picture.

RJ-45 Jack

1 2 3 4 5 6 7 8

White/Orange
Orange
White/Green
Blue
White/Blue
Green
White/Brown
Brown

RJ-45 Jack

1 2 3 4 5 6 7 8
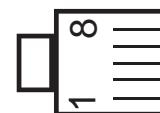
VGA	640x480/60	UXGA	1600x1200/60
	640x480/72		
	640x480/75		
	640X480/85		
SVGA	800x600/56	480p	720X480p/59
	800X600/60		720X480p/60
	800X600/72		
	800X600/75		
	800X600/85		
XGA	1024X768/60	1080i	1920X1080i/50
	1024X768/70		1920X1080i/59
	1024x768/75		1920X1080i/60
	1024x768/85		
WXGA	1280X960/60	576p	720X576p/50
	1280x960/85		
SXGA	1280X1024/60	Native	1366X768/50
	1280X1024/75		1366X768/60
	1280X1024/85		

SPECIFICATIONS

Video Amplifier Bandwidth...350 MHz

Actual Bandwidth...120 MHz

Input Video Signal......................................1.2V p-p / Input Sync Signal: 5V p-p (TTL)

Horizontal Frequency Range..15-70 KHz

Vertical Frequency Range...30 - 170 Hz

Video In...HD-15 male

Video out...HD-15 female

Frequency Response...20Hz - 20kHz

Audio Connector..mini-Stereo 3.5mm jack

Link Connector..RJ-45 Shielded

Power Supply...5V DC

Power Consumption..5W (max.)

Dimensions...4" W x 1.1" H x 3" D

Shipping Weight..3 lbs.

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, refer to the Warranty and Return Policy under the Support section of the Gefen Web site at www.gefen.com.

PRODUCT REGISTRATION

Please register your product online by visiting the Register Product page under the Support section of the Gefen Web site.

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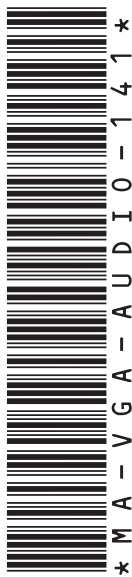
20600 Nordhoff St., Chatsworth CA 91311

1·800·545·6900   818·772·9100   fax: 818·772·9120

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This product uses UL listed power supplies.