



## Extend Analog Audio



EXT-AUD-1000

### How it works

The Audio Extender sender unit sits next to your audio source. Stereo cables supplied with the Audio Extender package connects your audio source to the sender. The receiver unit connects to your speakers or audio output device. One CAT-5 cable connects the sender and the receiver to each other - up to 1000 feet away.

### Features:

- Extends any unbalanced analog audio device up to 1000 feet (300 meters) from the source
- One CAT-5e cable used for extension
- Bidirectional transmission for speaker and mic

### Specifications:

- Sample Rate: 5 kHz (min) - 48 kHz (max)
- Frequency Response: 20Hz - 20kHz
- Audio Connectors: mini-phone Stereo 3.5mm
- Link Connector: RJ-45 Shielded
- Power Supply: 5V DC
- Power Consumption: 5 watts (max)
- Dimensions: 1"H x 1"W x 4"D
- Shipping Weight: 3 lbs.



**Audio Extender**  
USER MANUAL

## ASKING FOR ASSISTANCE

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### 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.

### Write To:

Gefen, Inc.  
c/o Customer Service  
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Chatsworth, CA 91311

[www.gefen.com](http://www.gefen.com)  
[support@gefen.com](mailto:support@gefen.com)

### Notice

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

**The Audio Extender** is a trademark of Gefen Inc.

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# INTRODUCTION

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Thank you for purchasing the Audio Extender series.

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.

## **How it works**

The Audio Extender allows audio devices to be extended up to 1000 feet using CAT-5 cables. The Audio Extender send unit is connected directly to the source with the supplied audio cable. A CAT-5 cable is used to connect the Audio Extender send unit to the Audio Extender receive unit.

# OPERATION NOTES

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

\* Industry standard Category-5 (CAT-5) cables are used to link the Audio Extender sender and receiver boxes together.

\* The Audio Extender units are housed in a metal box for better RF shielding.

# FEATURES

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## **Features:**

- Extends any unbalanced analog audio device up to 1000 feet (300 meters) from the source
- One CAT-5e cable used for extension
- Bidirectional transmission for speaker and microphone

## **Includes:**

- (1) Audio Extender Sender Unit
- (1) Audio Extender Receiver Unit
- (1) 5V DC power supply
- (1) 6ft Audio Cable
- (1) User Manual

## HOW TO CONNECT THE AUDIO EXTENDER

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### How to Connect the Audio Extender

- 1- Connect the supplied Audio cables from the source Audio port into the Audio extender send unit.
- 2- Connect the CAT5 cable from the send unit to the receive unit.
- 3- Connect your Audio devices into the Audio extender receiver unit.
- 4- Plug the 5 volt power supply into the Audio extender send unit.

# LINK CABLE - WIRING DIAGRAM

**RJ-45 Jack**



**White/Orange**

**Orange**

**White/Green**

**Blue**

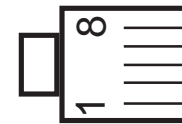
**White/Blue**

**Green**

**White/Brown**

**Brown**

**RJ-45 Jack**





# SPECIFICATIONS

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Sample Rate ..... 5 kHz (min) - 48 kHz (max)  
Frequency Response ..... 20Hz - 20kHz  
Input/Output ..... mini-phone stereo 3.5mm  
Link Connector ..... RJ-45 Shielded  
Power Consumption ..... 5 Watts (max)  
Power Supply ..... 5 VDC (External)  
Dimensions ..... 1 1/4"H x 1 1/2"W x 2.75"D  
Weight ..... 3 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 Audio Extender features and specifications is subject to change without notice.