



One Component With Audio Distribution To Eight Displays



EXT-COMPAUD-148

Distribute One Source To Eight Displays

One Component and Audio Input, Eight Component and Audio Outputs. The 1:8 Component Audio Distribution Amplifier is the perfect solution for anyone who needs to mirror one video with audio source to multiple displays. The 1:8 Component Audio Distribution Amplifier has eight video and audio outputs, one Component input and one Audio input.

Features:

- Connect up to eight component displays at the same time to one component video source
- Support SD (composite, YCbCr) and HDTV (YPbPr, RGsB) input signal
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful HDTV resolutions up to 1080p are easily achieved

How It Works

Connect your Component video and Audio source to the 1:8 Component Audio Distribution Amplifier's input using the supplied Component with audio cable. Then connect up to eight Component displays to the 1:8 Component Audio Distribution Amplifier. Then, power the 1:8 Component Audio Distribution Amplifier. The Component displays attached to the 1:8 Component Audio Distribution Amplifier must all support the same resolution as the source in order to get a picture.

Specifications:

- Input: YPbPr x1 or RGsB x1 (or RGBHV), or 3x composite 1 Vpp@ 75 ohm
- Output: YPbPr x8, or RGsB (or RGBHV) x8, or composite 3x8
- Audio input: coaxial (S/PDIF) x1 + R/L x1
- Audio output: coaxial (S/PDIF) x8 + R/L x8
- Analog audio input/output: Audio 2 Vrms max 47k ohm
- Bandwidth: 480MHz (-3dB)
- Video Range: 1080p max
- Power Supply: 5V DC
- Dimensions: 17.5"W x 1.75"H x 6.75"D
- Shipping Weight: 4 lbs.



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**1x8 Component
Audio DA
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

Congratulations on your purchase of the 1x8 Component Audio DA. Your complete satisfaction is very important to us.

Gefen's line of HDTV switches, extenders, and splitters are designed to make your A/V equipment use more comfortable, more productive and less expensive.

Gefen's 1x8 Component Audio DA is a distribution hub that sends the same video output to two or more HDTV digital screens. It is a flexible solution that accommodates multiple displays. When two or more 1x8 Component Audio DAs are connected together, they can be used to create a larger distribution.

The 1x8 Component Audio DA is connected using a Component video and audio cable from the HDTV source to the 1x8 Component Audio DA input. There are eight Component video and audio outputs. Digital and/or analog audio can be distributed using this device.

The extend•it line offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, 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 support from a team of outstanding engineers.

FEATURES

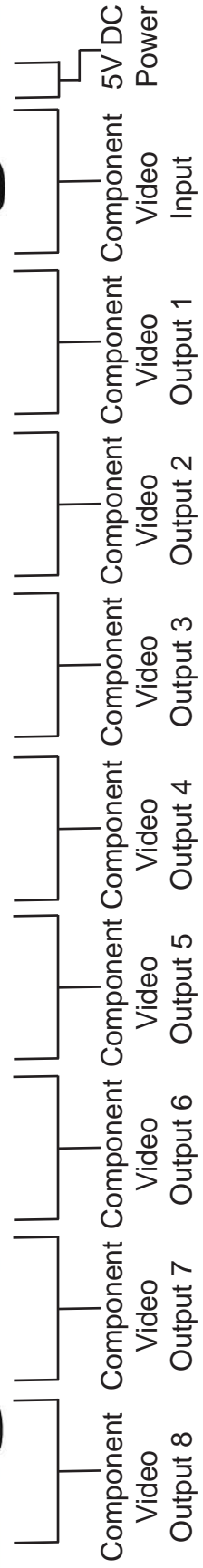
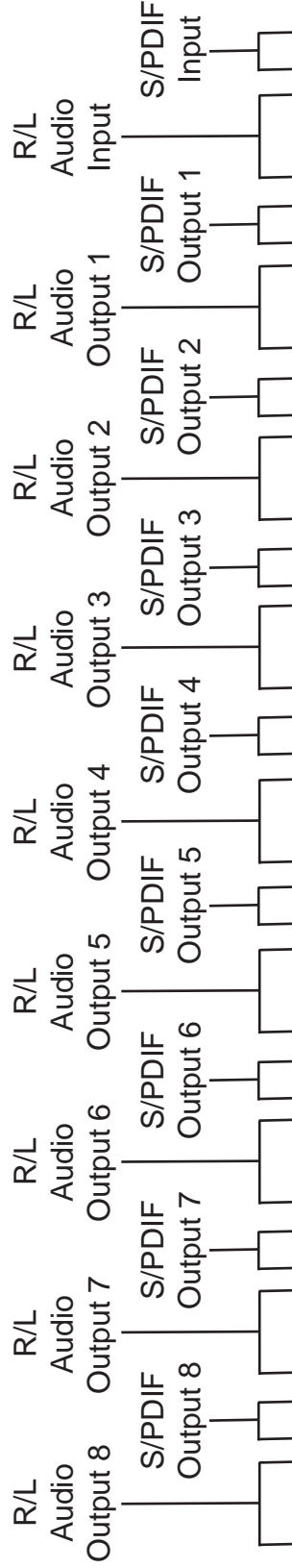
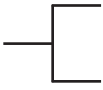
Features

- Connects up to eight component displays at the same time to one video source
- Allows simultaneous display
- Support SD(Composite, YCbCr) and HDTV(YPbPr, RGsB) Input signal
- Maintains 480i, 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful HDTV resolutions up to 1080p are easily achieved
- Installs in seconds

Includes:

- (1) 1x8 Component Audio DA
- (1) 6' Component cable
- (1) 5V DC 4 Amp Power Supply
- (1) Users Manual

LED Power Indicator



CONNECTING AND OPERATING THE 1x8 COMPONENT AUDIO DA

How to Connect the 1x8 Component Audio DA to your devices

- 1- Connect the supplied Component cable from the HDTV device into the Component Input.
- 2- Connect either a SPDIF digital audio or RCA left and right analog audio cable into the Component Audio Input.
- 3- Connect the cables from your displays (monitor or projector) into the Component Out slots on the 1x8 Component Audio DA
- 4- Plug the 5v power supply into the 1x8 Component Audio DA.
- 5- Plug the 5v wallmount power supply into the wall outlet.

Note - Composite video can also be fed into the component video input to split and distribute composite video.

SPECIFICATIONS

Input YPbPr x1 or RGsB x1 (or RGBHV), or composite x3 1 Vp-p@ 75 ohm

Output YPbPr x8, or RGsB(or RGBHV) x8, or composite 3x8

Audio input Coaxial (SPDIF) x1 + R/L x1

Audio output Coaxial (SPDIF) x8 + R/L x8

Analog audio input/output Audio 2 Vrms max 47k ohm

Bandwidth 480MHz (-3dB)

Video Range 1080p

Differential gain 0.05%

Differential phase 0.05 degree

Power Supply 5V DC 4 Amp

Dimensions 17.5"W x 1.75"H x 6.75"D

Shipping Weight 4 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 1x8 Component Audio DA features and specifications is subject to change without notice.