



**1x4 HD Digital
Audio Splitter**
USER MANUAL

ASKING FOR ASSISTANCE

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Notice

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INTRODUCTION

Congratulations on your purchase of the ex•tend•it 1x4 HD Digital Audio Splitter. 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 ex•tend•it 1x4 HD Digital Audio Splitter 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 1x4 HD Digital Audio Splitters are connected together, they can be used to create a larger distribution.

The 1x4 HD Digital Audio Splitter is connected using a HDMI cable from the HD source to the 1x4 HD Digital Audio Splitter HD input. DVI output 1 is the primary connection and is used for the main display. DVI output 2-4 follows the main display. The digital audio is connected with SPDIF or TOSLINK. The 1x4 HD Digital Audio Splitter will convert the input audio into TOSLINK for the output.

The 1x4 HD Digital Audio Splitter is HDCP compliant.

The ex•tend•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

- Splits the HD signal to two or more DVI displays
- Maintains 480i, 480p, 720p, 720i, and 1080i, 1080p resolutions
- Maintains highest DVI single link video resolution
- Connects four or more HDTV displays at the same time to the same video source
- Supports HDCP compliant devices
- Supports DDWG standard for HD compliant monitors
- Extends any DVI compliant device by regenerating the DVI signal
- Uses a HDMI cable to connect to the input
- Uses DVI cables to connect to the output
- Converts S/PDIF to TOSLINK
- Installs in seconds

Includes:

- (1) 1x4 HD Digital Audio Splitter
- (1) 6' HDMI cable (M-M)
- (1) 6' TOSLINK cable
- (1) 5VDC Power Supply

PANEL DESCRIPTIONS



5v Power Input

HD In

Digital Audio Inputs



DVI Out 1

Digital Audio Output 1

DVI Out 2

Digital Audio Output 2

DVI Out 3

Digital Audio Output 3

DVI Out 4

Digital Audio Output 4

CONNECTING AND OPERATING THE 1X4 HD DIGITAL AUDIO SPLITTER

How to Connect the 1x4 HD Digital Audio Splitter to your devices

- 1- Connect the supplied HDMI cable from the HD device into the 1x4 HD Digital Audio Splitter HD Input.
- 2- Connect the supplied TOSLINK cable from the Audio device into the 1x4 HD Digital Audio Splitter Audio Input
- 3- Connect the cables from your displays (monitor or projector) into the DVI Out slots in the back of the 1x4 HD Digital Audio Splitter
- 4- Connect TOSLINK cables from your audio receivers into the 1x4 HD Digital Audio Splitter outputs.
- 5- Plug the 5v power supply into the 1x4 HD Digital Audio Splitter.
- 6- Plug the 5v wallmount power supply into the wall outlet.

NOTE: The 1x4 HD Digital Audio Splitter only passes digital video, and does not support audio in HDMI.

SPECIFICATIONS

Video Amplifier Bandwidth	1.65 GHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920 x 1200, 1080p
HDMI Input Connector	Type-A 19-pin
DVI Output Connector	DVI-D
Power Consumption	15 Watts (max.)
Power Supply	5VDC
Dimensions	9"W x 1"H x 5"D
Shipping Weight	5 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 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 1x4 HD Digital Audio Splitter features and specifications is subject to change without notice.