

USER MANUAL

2x1 HDMI Splitter with Audio
Model #: 33-12770

INTRODUCTION

Dear customer
Thank you for purchasing this Stellar Labs product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Our selection of HDMI Converter, switches, extenders, matrices and splitters are designed to make your AV device use more convenient, comfortable, productive and cost-efficient.

This unit is a 2x1 HDMI Splitter that offers both digital and analog audio outputs. Our devices offer solutions for home, space, security concerns, data center control, information distribution, conference room presentations, schools, and corporate training environments.

FEATURES

- 1x HDMI input and 2x HDMI output, can sync separation HDMI audio signal. Supports 1x SPDIF optical digital audio output, 2 channel RCA analog audio output
- Supports HDMI input up to 1080P/60Hz, supports 3D (24/30fs)
- Supports SPDIF digital audio format: Dolby digital (AC3), DTS, LPCM, and support 5.1CH
- Supports 3 modes of EDID management for audio formats, can switch among built-in EDID (2CH/5.1CH) and external EDID (TV)
- LED indicator: when source or sink is working, LED relative to is light.
- Uses 24bit/192kHz DAC
- No loss of quality
- Installs in minutes

Contents:

1.	HDMI Splitter	1 piece
2.	5V power adapter	1 piece
3.	User manual	1 piece

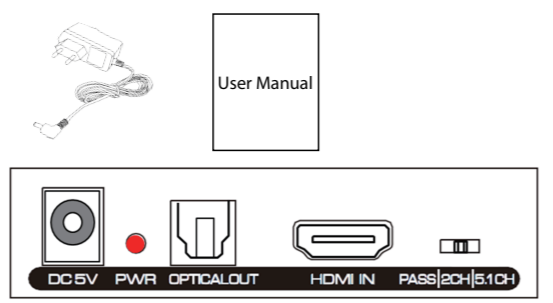


Figure 1 Front Panel

DCSV: 5V DC in jack
OPTICAL OUT: SPDIF Optical/Toslink output
PWR LED: POWER ON/OFF indicator
HDMI IN: HDMI input
SWITCH: Audio EDID mode switch. This switch allows users to select the source's audio EDID.
PASS: HDMI pass mode. Switch to PASS mode for the HDMI source to output audio per the EDID of connected TV or AV receiver supports up to LPCM 7.1 channels.
2CH: 2CH LPCM mode. Switch to 2CH mode for the HDMI source to output LPCM 2 channels audio per the built-in EDID. Then HDMI, SPDIF, RCA and headphones output stereo audio.
5.1CH: 5.1CH bitstream Mode. Switch to 5.1CH mode for the HDMI source to output bitstream audio per the built-in EDID. Then HDMI, SPDIF and RCA output 5.1CH audio, the headphone output audio comes from FL and FR channel

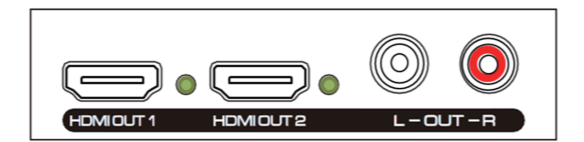


Figure 2 rear panel

HDMI OUT1/2: HDMI output
L-OUT-R: Stereo analog audio output
GREEN LED: HDMI OUTPUT indicator

Operating and Connecting:

1. Connect one HDMI cable from a DVD/Blu-ray player into the HDMI input port of converter.
2. Connect one HDMI cable from TV/Monitor into the HDMI output port of converter.
3. If you need a digital audio, connect one optical fiber from digital power amplifier into the SPDIF output port of converter.
4. If you need an analog audio, connect two AV cables from analog power amplifier/TV into the analog audio output ports of converter, the channel must correspond, and switch EDID mode in 2CH.
5. Connect the 5V power supply to the converter

SPECIFICATIONS

HDMI resolution	..... up to 1080P/50/60fs (3D 24/30fs)
Support video color format	..... 24bit/deep color 30bit,36bit
HDMI Audio Format	..... DTS-HD/Dolby-TrueHD/LPCM 2/5/1/7.1CH/DTS/Dolby-AC3/DSD
SPDIF Digital audio format	.....Dolby Digital (AC3)/DTS/LPCM 2CH
HDMI Max bandwidth	.....225MHz
HDMI Max baud rate	..... 6.75Gbps
Input/Output TMDIS signal	.....0.5~1.5Volts p-p(TTL)
Input/Output DDC signal	..... 5Volts p-p (TTL)
DAC sample frequency range	.....32~192 KHz
DAC Bit rate range	.....16~24 Bit
Analog output level(1KHz@0dB)	..... 1V RMS
SNR @ 0dB(CCR/ARM)	..... >90dB
Distortion	.....≤0.1%
Frequency response	.....20Hz~20KHz
HDMI input cable distance	.....≤15m AWG26 HDMI standard cable
HDMI output cable distance	.....≤20m AWG26 HDMI standard cable
Max working current	.....600mA
Power adapter format Input	..... AC 100V ~ 240V 50HZ/60Hz, DCSV/1A
Operating Temperature range	..... -10 to +55 °C
Storage Temperature range	..... -20 to +60 °C
Operating Humidity range	..... 10 to 90%RH (No Condensation)
Storage Humidity range	..... 5 to 95%RH (No Condensation)
Case Dimension (L x W x H)	..... 3.4" x 2.4" x .8"
Weight	..... 4.6oz

Notes:

- Please use this device as the instructions have described to improve the longevity and safety of the unit.
1. The unit should be placed in a location away from damp, high-temperature, dusty, erosive, and oxidative conditions.
 2. Please hold the power adapter head and do not pull the power cord when disconnecting from the socket.
 3. Please turn the power off when the unit is not being used for long time.
 4. Please use the original factory power adapter.

Troubleshooting

Issue	Cause and Ways to deal with
No Power	<ol style="list-style-type: none"> 1. Make sure the power plug is inserted securely into the unit. 2. Check the power source to make sure it is connected to an outlet.
No Picture	<ol style="list-style-type: none"> 1. Make sure the monitor is on and connected to the unit. 2. Make sure the source is on and connected to the unit. 3. Check all connections to make sure they are secure. 4. Connect the source to the monitor to see if the issue with your other components. 5. Inspect your HDMI cable for damage.
Obscure Picture	<ol style="list-style-type: none"> 1. Connect the source to the monitor to see if the issue with your other components. 2. Inspect your HDMI cable for damage.

Warranty

This device is warranted against manufactures defects for a period of one year from the date of purchase from the dealer. This warranty extends solely to the repair or replacement of this product and does not cover additional costs, including but not limited to installation or removal of the product or any incidental or consequential damages. Nor does it cover damage due to improper use, storage or application of this device. Should a service issue arise within the one year period, please contact the dealer in which this device was purchased. It will be the sole decision of Stellar Labs to repair or replace any device found to be defective during this period.