

USER MANUAL

4 Port HDMI Switch and Audio Extractor Model #: 33-12772

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 3 Port HDMI Switch with Audio Extraction that supports ARC, 3D and 4K2K, which can easily switch between three HD Sources to one HD Display. Also, any of the inputs are capable of audio extraction, with the output being a Toslink connection or a set of L/R RCAs. The Switcher supports ARC function that can return audio back from the TV to the AV receiver.

Our devices offer solutions for noise, space, security concerns, data center control, information distribution, conference room presentations, schools, and corporate training environments.

FEATURES

- Three HDMI inputs can switch freely to one HDMI output.
- Support Full HD 1080P, Full 3D, 4K*2K
- Support ARC Function: Without adding one extra HDMI Cable, it can reverse the audio to the AV Amplifier by HDMI Cable connection with HD TV while the HD TV receives the audio and video content.
- HDMI working in dual mode, can reduce the number of ports
- LED indicator: when the source is active, the corresponding LED with light up.
- Support a source up to 30 feet away using a standard HDMI cable.
- The IR remote can change the source and the audio output mode.
- No loss of quality
- Installs in minutes

Contents:

1. HDMI Switch 1 piece
2. SV power adapter 1 piece
3. User manual 1 piece
4. Remote 1 piece
5. MHL to HDMI cable 1 piece

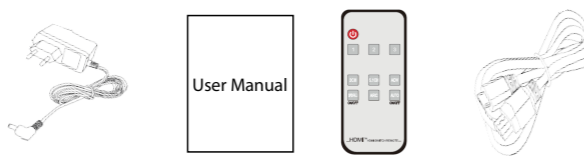


Figure 1 Front Panel

ARC LED: ARC status indicator
 LED On: ARC turn on, then output TV audio by optical port.
 LED off: ARC turn off, then output HDMI audio by optical and RCA ports.
 Out LED: HDMI output status indicator
 IN1 ~ 4 LED: HDMI input port indicator
 IR: IR receiver interface
 EDID Select: Built-in EDID mode selection switch (Used in conjunction with the SAVE key)
 SAVE: EDID mode Enter and save key
 ARC: ARC turn on/off key
 Switch: Short press is HDMI input signal source selection. Long press (more than 2seconds) is power ON / stand by.
 [] : Power ON/OFF switch



Figure 2 rear panel

DCSV: DC in jack (DC5V~12V)
 HDMI IN1 ~ 4: HDMI input ports
 HDMI OUT: HDMI output port (support ARC)
 L-OUT-R: Left & right analog audio output ports.
 Optical OUT: SPDIF digital audio output

Operating and Connecting:

- 1.To add input sources, use HDMI cables to the corresponding input ports on the unit. (If you are using an MHL device, use the provided cable and plug the cable into input 1).
- 2.To add an output, use an HDMI cable to connect the HDMI output port of the unit to the monitor.
- 3.To use Toslink output, connect a Toslink cable to the SPDIF port on the unit to an AV receiver.
- 4.To use the L/R RCA output, connect an RCA patch cable to the L/R port of the unit to an analog audio input port.
- 5.To use the IR remote or the switch button to do control and switch to the Input sources and the ARC/SPDIF function.
- 6.Connect the SV adapter to the device.

SPECIFICATIONS:

HDMI resolution4KX2K/1080p/1080i/720p/576p/480p/480i
 Support video color format24bit/8bit deep color 30bit, 36bit
 Audio output..... L/R/SPDIF
 Max transmission bandwidth..... 300MHz
 Max baud rate.....9.0Cbps
 Input/Output TMD5 signal.....0.5~1.5Volts p-p
 Input/Output DDC signal.....5Volts p-p (TTL)
 Input cable distance.....≤10m AWG26 HDMI standard cable
 Output cable distance.....≤15 AWG26 HDMI standard cable
 Max working current.....400mA
 Power adapter format.....Input: AC (50HZ, 60HZ) 100W-240W; Output: 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)
 Dimension (L x W x H).....8.1" x 2.9" x 1.1"
 Weight.....13.1 oz

IR Remote Functions



[] : Power standby/Power on
 IN1: Select HDMI IN1 for the input port
 IN2: Select HDMI IN1 for the input port
 IN3: Select HDMI IN1 for the input port
 IN4: Select HDMI IN1 for the input port
 <->: Turn left / right circulation switch input port
 AUDIO: Select the HDMI audio output
 ARC: ARC turn on, output TV audio
 SAVE: Same with the SAVE key on the machine

EDID Select: Built-in EDID mode selection switch (Used in conjunction with the SAVE key)

No.	EDID information description	No.	EDID information description
0	Auto / Pass mode	8	1080P / HD audio, up to 7.1 channel
1	Copy output	9	1080P 3D / 2channel
2	DVI mode	A	1080P 3D / 5.1 channel
3	4K / 2 channel	B	1080P 3D/HD audio, up to 7.1 channel
4	4K / 5.1 channel	C	1080i / 2channel
5	4K / HD audio, up to 7.1 channel	D	1080i / 5.1 channel
6	1080P / 2 channel	E	1080i / HD audio, up to 7.1 channel
7	1080P / 5.1 channel	F	720P / 2channel

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.
No Sound	<ol style="list-style-type: none"> 1. Make sure audio settings correspond with your source.
Remote Not Working	<ol style="list-style-type: none"> 1. Make sure the plastic tab is removed from the battery compartment. 2. Make sure the battery has a charge.

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.