

# INSTRUCTION MANUAL



## **WolfPack 4K 120 Hz HDMI 2.1 Audio Extractor with HDCP 2.3, eARC, ARC, Atmos, EDID, & VRR**

Part Number: HDTVX11HA21-EO

Before using the product, please carefully read the manual and safekeep it.

HDTV Supply, Inc  
Los Angeles, CA



*24-Year Global Home  
For Audio & Video Products*

# SAFETY REMINDERS

To protect the device and operating personnel from electrostatic discharge, ensure that the device is properly grounded before powering it on. Please observe the following guidelines when installing, using, or maintaining this equipment.



Keep the apparatus away from moisture and liquids to prevent damage.



Clean the apparatus using only a dry cloth.



Ensure proper ventilation and avoid placing the unit in confined spaces.



Disconnect from power during storms or prolonged periods of non-use.



Do not obstruct ventilation openings to prevent overheating and potential hazards.



Prevent the power cord from being damaged by pressure or excessive bending.



Keep the unit away from heat sources to maintain safe operation.



Use only manufacturer-approved accessories.



Avoid placing open flames near or on the unit.



Seek professional servicing when required.



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# TABLE OF CONTENTS

## CONTENTS

### Table of Contents

Safety Reminder.....	1
Table of Contents .....	2
Notices .....	3
Product Overview .....	4
Specification .....	5
Connection Diagram.....	6
Product Dimension.....	8
Product Dimension.....	10
Aftersales .....	11

## FORWORD

- Thank you for choosing our product. We appreciate your support. For your safety and to ensure proper operation of the equipment, please read this manual carefully before use.
- Please safeguard the product's warranty label. The label affixed to the unit serves as proof of warranty and must be preserved.
- This manual is intended for operational guidance only and does not cover maintenance or repair services. Any future changes to features or specifications will be noted in updated documentation.
- Refer to this manual first if you encounter any questions while using the product. It provides detailed instructions for operation and should be followed closely. If you require further assistance, please contact our support team—we're committed to providing you with prompt and helpful service.
- **Note:** This manual is subject to change without prior notice.

## DISCLAIMERS

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# NOTICES

## Important Safety and Installation Guidelines

To ensure reliable operation and the safety of personnel, please carefully observe the following instructions during installation, use, and maintenance of this equipment:

- Do not use the product in hazardous environments, such as areas with dust, oil smoke, conductive particles, corrosive or flammable gases, excessive heat, moisture, rain, wind, vibration, or impact. Exposure to these conditions may lead to electric shock, fire, or equipment malfunction.
- Keep the ventilation areas clear of any foreign objects or packaging materials (e.g., contact paper). Obstructed airflow may cause overheating, fire hazards, or malfunction.
- Avoid handling cables (connecting, unplugging, or rewiring) while the equipment is powered on. This may cause electric shock or damage the circuitry.
- Ensure all installation and wiring connections are secure and reliable. Loose connections may lead to faulty operation.
- In high-interference environments, use shielded cables for all high-frequency signal input/output connections to maintain proper system performance. Only perform installation or wiring after the external power supply is completely shut off to prevent electric shock or damage.
- Proper grounding is essential. This device must be grounded using the power line's grounding conductor. Ensure grounding is complete before connecting any input or output terminals to avoid the risk of electric shock.
- Do not touch terminals while the device is powered, as this may cause electric shock or unintended operation.
- Do not clean or service the equipment (e.g., tightening terminals) while it is powered on. Doing so may result in electric shock.
- Do not connect or disconnect communication cables, expansion modules, or control unit cables while the power is on. This may lead to equipment damage or malfunction.
- Do not disassemble the equipment, as internal components may be damaged.
- Thoroughly read this manual before performing any changes, trial operations, maintenance, or shutdowns. For issues that cannot be resolved, please contact our support team for assistance.

## INTRODUCTION



**HDTVX11HA21-EO** is a 1x1 HDMI 2.1 eARC audio extractor that supports Ultra HD 4K at 120 Hz. It is compliant with the HDMI 2.1 specification and supports features such as data rates up to 4K 120 Hz 4:4:4 8-bit, VRR, ALLM, HDR, HDCP 2.3, Deep Color, 3D, Lip Sync, and HD lossless audio/video formats.

It also features audio de-embedding, optical audio output, and eARC output. This product is ideal for use with soundbars that support ARC/eARC, such as the SONOS ARC.

## FEATURES

- Supports HDMI 2.1 with 4K 120 Hz and HDCP 2.3
- Compatible with Dolby Vision, VRR, ALLM, and Dolby Atmos
- Offers multiple EDID settings for enhanced compatibility
- Supports 3D and Deep Color (30-bit, 36-bit)
- Compatible with Blu-ray 24/50/60fps, HD-DVD, and xvYCC formats
- Features HDMI signal re-timing to maintain optimal signal quality
- Plug-and-play design; no drivers required; installs in minutes
- HDMI OUT1 supports CEC pass-through from HDMI input
- HDMI OUT2 supports eARC/ARC for soundbar connectivity

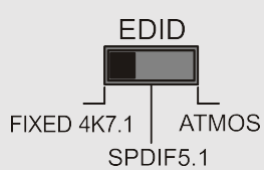
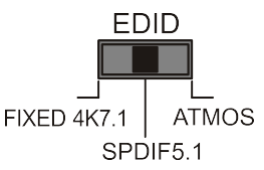
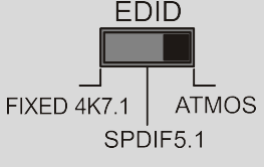
## Specification


HDMI Version	HDMI 2.1
HDCP Version	HDCP 2.3
Supported HDMI Resolution	8K/4K/1080p/1080i/720p/576p/576i/480p/480i
Maximum Working Current	0.5A
Operating Temperature Range	(-15°C to +55°C)
Operating Humidity Range	5 to 90% RH (No Condensation)
Dimensions (L × W × H)	2.28 x 2.08 x 0.87 inches
Weight	0.176 lbs

## PACKAGE CONTENT

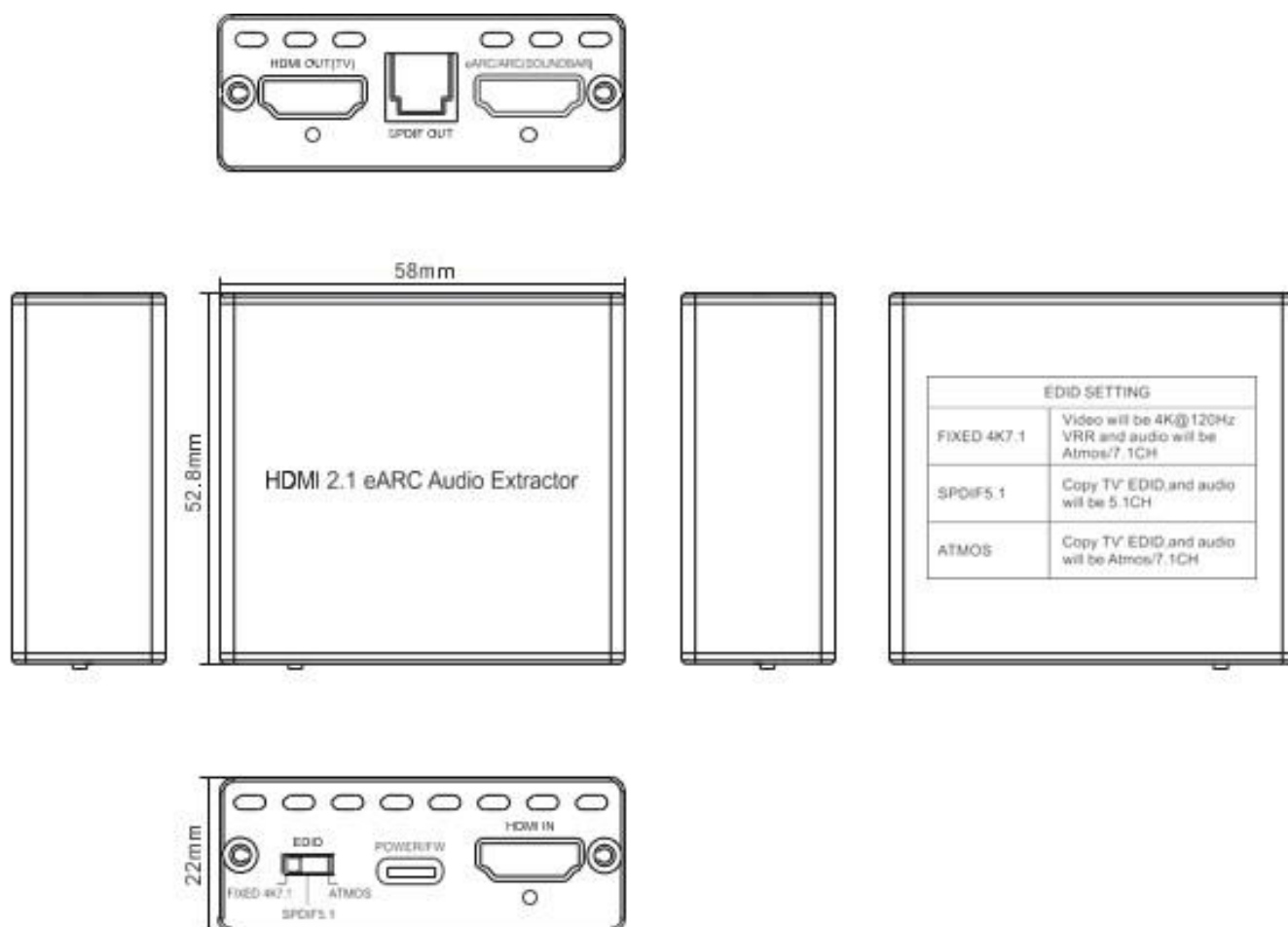
HDMI Switch	X1
Remote	X1
User Manual	X1
Reusable Cable Tie	X1
Operating Humidity Range	X2

## EDID SETTING

 <p>EDID FIXED 4K7.1   ATMOS SPDIF5.1</p>	FIXED4K7.1	Video will be 4K 120 Hz with VRR, and audio will be Dolby Atmos / 7.1 CH
 <p>EDID FIXED 4K7.1   ATMOS SPDIF5.1</p>	SPDIF5.1	Copying the TV's EDID will result in 5.1 CH
 <p>EDID FIXED 4K7.1   ATMOS SPDIF5.1</p>	ATMOS	Copying the TV's EDID will result in Dolby Atmos / 7.1 CH

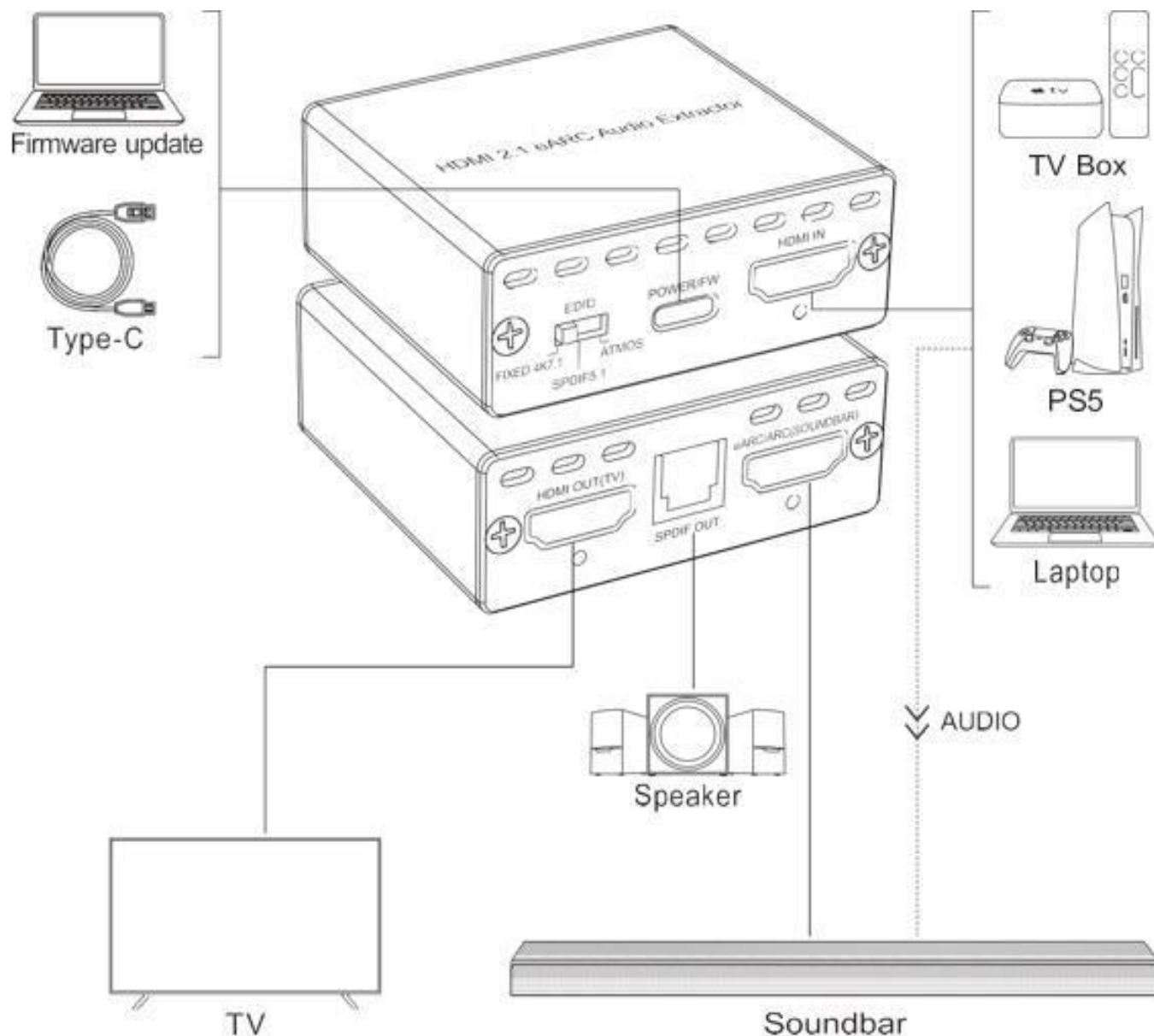
<p>POWER/FW</p> 	<p>This switch is powered via a Type-C connection (cable included; adapter not included). It can be connected to the USB port of a Blu-ray player or powered using a standard phone charging adapter.</p> <p>Power Range: 5V/1A to 5V/3A</p>
	<p>For firmware updates and advanced settings, please visit the HDTVX11HA21-EO product page on our website:</p> <p><a href="https://www.hdtvsupply.com/wolfpack-4k-120-hz-hdmi-2-1-audio-extractor-with-hdcp-2-3-earc-arc-atmos-edid-vrr.html">https://www.hdtvsupply.com/wolfpack-4k-120-hz-hdmi-2-1-audio-extractor-with-hdcp-2-3-earc-arc-atmos-edid-vrr.html</a></p>

## PRODUCT DIAGRAM





## INSTALLATION



1. Connect an HDMI 2.1 cable (under 3 meters) from the HDMI source device to one of the HDMI switch inputs.
2. Connect another HDMI 2.1 cable (under 3 meters) from the display (monitor or projector) to the HDMI switch output.
3. Use a third HDMI 2.1 cable (under 3 meters) to connect the HDMI switch's eARC/ARC port (labeled SOUNDBAR) to the soundbar's eARC/ARC port.
4. Plug the power adapter into the HDMI switch.
5. Audio from the HDMI source will be output through the soundbar.





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# INQUIRIES AND AFTERSALES SUPPORT



## HDTV Supply, Inc

### **Inquiries and Aftersales Support**

For any inquiries or assistance related to this product, including aftersales service, please contact our customer support team. We are committed to providing you with the highest level of service.

#### **Contact Details:**

- Phone: 833-WOLFPACK (833-965-3722)
- Email: [customerservice@hdtvsupply.com](mailto:customerservice@hdtvsupply.com) | [support@hdtvsupply.com](mailto:support@hdtvsupply.com)
- Website: [www.hdtvsupply.com](http://www.hdtvsupply.com)

Our team is ready to assist with any questions or concerns you may have.