

## OREI BK-4927

# OREI BK-4927 8K 4-Port HDMI Audio Extractor Switch

Model: BK-4927 | Brand: OREI

## 1. INTRODUCTION

The OREI BK-4927 is an advanced 8K 4-Port HDMI Audio Extractor Switch designed to simplify your audio and video setup. This device allows you to connect up to four HDMI sources to a single 8K or 4K display while simultaneously extracting audio for external sound systems. It supports the latest HDMI 2.1 and HDCP 2.3 standards, ensuring compatibility with modern media devices and high-resolution content.

### Package Contents:

- 1x OREI BK-4927 HDMI Audio Extractor Switch
- 1x 100–240V Power Adapter (worldwide voltage support)
- 1x Remote Control
- 1x User Manual

# 8K@60Hz 4-Port HDMI™ Switch

(HDMI™ Audio, 3.5mm, Optical)



*Includes 1x BK-4927 Switch,  
1x Remote, 1x Power Adapter, User Manual*

Image: OREI BK-4927 HDMI Switch and its included accessories.

## 2. SETUP AND CONNECTIONS

Follow these steps to correctly set up your OREI BK-4927 HDMI Audio Extractor Switch.

### 2.1 Connecting Input Sources:

1. Connect up to four HDMI source devices (e.g., gaming consoles, Blu-ray players, streaming devices) to the **IN 1**, **IN 2**, **IN 3**, and **IN 4** HDMI input ports on the rear of the BK-4927 using high-quality HDMI 2.1 cables.

### 2.2 Connecting Output Display:

1. Connect your 8K or 4K display (TV, monitor, projector) to the **OUT 1 (eARC)** HDMI output port on the rear of the BK-4927. This port supports eARC for audio return.

### 2.3 Connecting Audio Output:

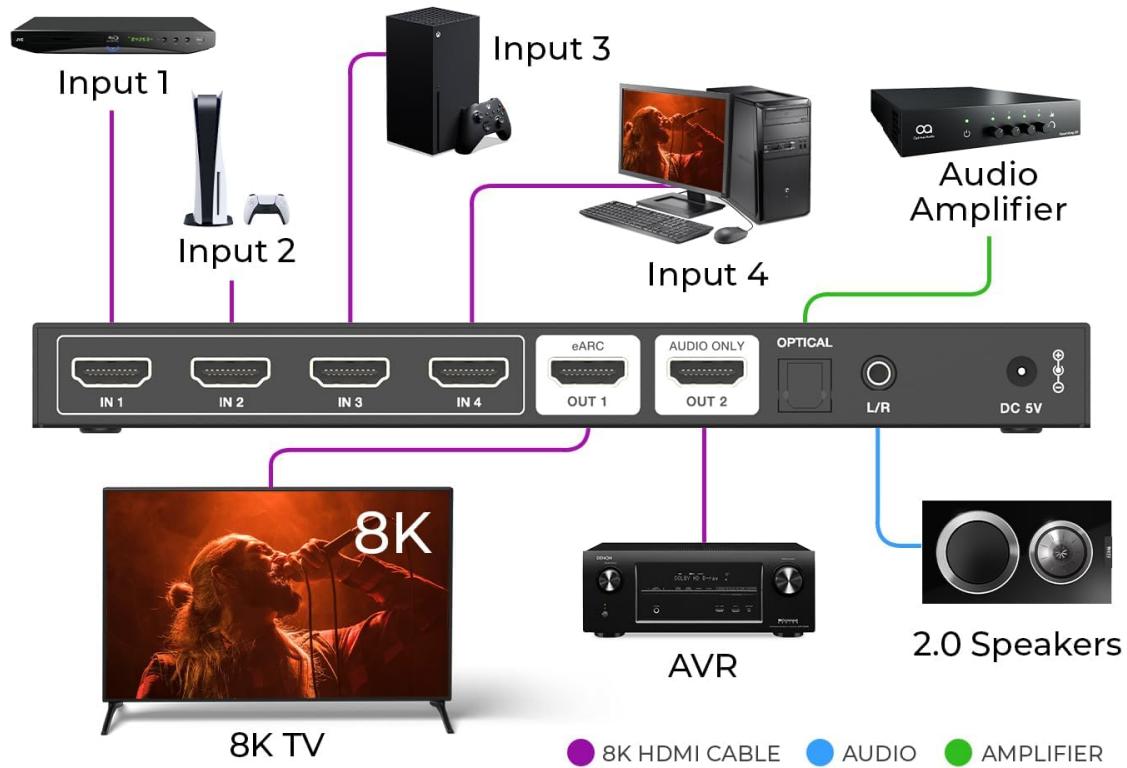
The BK-4927 offers multiple audio output options:

- **HDMI Audio Only (OUT 2):** Connect this port to an AV receiver for full-bandwidth audio formats (Dolby Atmos, Dolby TrueHD, DTS-HD Master Audio, LPCM 7.1/5.1/2.0).
- **Optical:** Connect to older AV receivers or soundbars using an optical cable for up to 5.1Ch audio.
- **L/R (3.5mm):** Connect to 2.0 speakers or stereo systems using a 3.5mm audio cable for 2Ch analog audio.

### 2.4 Power Connection:

1. Connect the included 5V DC power adapter to the **DC 5V** port on the rear of the BK-4927, then plug the adapter into a standard wall outlet. The power indicator LED on the front panel will light up.

Extract audio from the 4 media sources or an ARC/eARC TV to a Non-ARC AVR or Soundbar through HDMI or other audio devices through Optical and 3.5mm.



*Note: The Optical output is limited to 5.1Ch and Analog is limited to 2Ch. The source will need to output the audio in compatible formats to have sound output from those ports. This device does not downmix 7.1Ch to 5.1 or 2Ch.*

Image: Connection diagram illustrating how to connect media sources, display, and audio systems to the BK-4927.



## PLUG & PLAY

This switch allows you to easily switch between 4 Media Sources and output to 1 HDMI Display.

Image: The BK-4927 switch connected to various media sources and a display, highlighting its plug-and-play functionality.

Video: An official OREI video demonstrating how to use the 4x1 HDMI Audio Extractor, including setup and functionality.

### 3. OPERATING INSTRUCTIONS

The OREI BK-4927 offers flexible control options for switching inputs and managing audio.

#### 3.1 Input Switching:

- Front Panel Button:** Press the **SWITCH** button on the front panel to cycle through the HDMI input sources (IN 1, IN 2, IN 3, IN 4). The corresponding input LED will illuminate.
- Remote Control:** Use the numbered buttons **(1, 2, 3, 4)** on the remote control to directly select an HDMI input.
- Auto-Switching:** To enable automatic input switching, press and hold the **SWITCH** button on the front panel for more than 3 seconds. The **AUTO** LED will light up. In this mode, the switch will automatically detect and switch to the most recently active input source.

#### 3.2 Audio Mode Selection:

The BK-4927 allows you to select different audio profiles for the extracted audio outputs:

- Press the **AUDIO** button on the front panel or remote control to cycle through the available audio modes: **2.0**, **5.1**, **7.1**, and **PASS**. The corresponding LED will indicate the active audio profile.
- **2.0**: Stereo audio output.
- **5.1**: 5.1 channel audio output.
- **7.1**: 7.1 channel audio output.
- **PASS**: Passes through the original audio format without modification.

### 3.3 eARC Functionality:

- Press the **eARC** button on the front panel or remote control to enable or disable the eARC function. The **eARC** LED will light up when active. This allows audio return from your TV/display to the HDMI Audio Only output for compatible AV receivers.



Image: The BK-4927 switch demonstrating easy input switching via remote control or front panel buttons.

## 4. FEATURES AND SPECIFICATIONS

### 4.1 Key Features:

- HDMI 2.1 & HDCP 2.3 compliant
- Supports resolutions up to 8K@60Hz and 4K@120Hz
- 48Gbps FRL (Fixed Rate Link) and 18Gbps TMDS bandwidth
- Automatic and Manual Input Switching
- HDR Pass-through (HDR10+, Dolby Vision, HLG)
- Audio De-embedding for Dolby Atmos, DTS:X, DTS-HD Master Audio, Dolby TrueHD, DTS Digital Surround, Dolby Digital & LPCM 7.1/5.1/2.0
- TV eARC & HDMI Audio-Only Output
- CEC support
- Compact Design with durable metal enclosure

### 4.2 Technical Specifications:

- **Product Dimensions:** 9.75 x 3 x 6 inches (200mm L x 84mm W x 20mm H)
- **Item Weight:** 12 ounces (430g / 15.16oz)
- **Material:** Metal
- **Color:** Black
- **Connector Type:** HDMI
- **Compatible Devices:** AV Receiver, Blu-Ray Player, Gaming Console (PlayStation 5, Xbox), Streaming Devices (Apple TV, Fire TV), PC, Projectors.

8K@60Hz

48 Gbps

Video Bandwidth

HDCP  
2.3

Dolby  
VISION

eARC

# FEATURES

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- 48Gbps FRL, 18Gbps TMDS Bandwidth
- Auto & Manual Input Switching
- HDR Pass-through
- Audio De-embedding
- Dolby Atmos, DTS:X, DTS-HD Master Audio, Dolby TrueHD, & LPCM 7.1CH
- TV eARC & HDMI™ Audio-Only Output
- CEC support
- Compact Design



Image: Detailed list of features supported by the BK-4927 HDMI Switch.

# BK-4927

## TECHNICAL SPECIFICATIONS



*Lifetime OREI Tech Support &  
12-Month Manufacturer's Warranty*



Image: Technical specifications of the OREI BK-4927 HDMI Switch.

# WIDE COMPATIBILITY

Compatible with media devices such as Playstation 5, Xbox, Amazon Fire TV, PS4, Cable box, Blu-ray player, DVD player, PC, and more.



Output: TV, Projector, Monitor and many more.  
*This switcher is HDMI 2.1 and HDCP 2.3 compliant.*

Image: The BK-4927 switch demonstrating wide compatibility with various media devices.

## 5. MAINTENANCE

- Keep the device in a cool, dry, and well-ventilated area.
- Avoid exposing the device to direct sunlight, high temperatures, or humidity.
- Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Ensure all cables are securely connected to prevent signal loss.

## 6. TROUBLESHOOTING

- **No Video/Audio:** Check all HDMI and audio cable connections. Ensure the power adapter is securely plugged in and the device is powered on. Verify the correct input source is selected on the switch and

the correct input is selected on your display/receiver.

- **Poor Picture Quality:** Ensure you are using high-quality HDMI 2.1 cables, especially for 8K/4K@120Hz content. Check the resolution settings of your source device and display.
- **Audio Issues:** Verify the selected audio mode (2.0, 5.1, 7.1, PASS) on the switch matches your audio system's capabilities. Ensure eARC is enabled if using an eARC-compatible receiver. Note that the optical output is limited to 5.1Ch and analog to 2Ch.
- **Remote Control Not Working:** Ensure there are no obstructions between the remote and the switch's IR receiver window. Check and replace the remote control batteries if necessary.

## 7. WARRANTY AND SUPPORT

The OREI BK-4927 HDMI Audio Extractor Switch is backed by OREI's full **1-Year Warranty** for peace of mind. OREI also offers **Lifetime Tech Support** for its products. For any technical assistance or warranty claims, please contact OREI customer support.

Video: An official OREI product overview video for the 8K 4-Port HDMI Audio Extractor Switch.