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› Proster 3x1 HDMI Switch with Audio Extractor User Manual

Proster 4330353443

Proster 3x1 HDMI Switch with Audio Extractor User Manual

Model: 4330353443

INTRODUCTION

The Proster 3x1 HDMI Switch with Audio Extractor is designed to enhance your audio-visual experience by allowing you to connect multiple HDMI source devices to a single HDMI display while simultaneously extracting audio to external sound systems. This device supports resolutions up to 4K@30Hz, 1080P, and 3D, making it versatile for various home entertainment and professional setups. It offers flexible audio output options including 3.5mm stereo and optical Toslink for 2CH PCM, 5.1CH Dolby Digital, and DTS Audio.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- HDMI Audio Extractor Unit
- IR Remote Controller
- HDMI Cable
- 3.5mm to 2 RCA Cable



Image: Contents of the Proster 3x1 HDMI Switch package, showing the main unit, an IR remote controller, an HDMI cable, and a 3.5mm to 2 RCA audio cable.

PRODUCT FEATURES

- **3 HDMI Inputs to 1 HDMI Output:** Connect up to three HDMI source devices to a single HDMI display.
- **Audio Extraction:** Extracts audio from the HDMI signal to 3.5mm stereo (2CH PCM) or optical Toslink (2CH PCM, 5.1CH Dolby Digital, DTS Audio) outputs.
- **High Resolution Support:** Supports resolutions up to 4K@30Hz, 1080P, and 3D. Note: Does not support HDCP 2.2. For 4K@60Hz (HDMI 2.0 and HDCP 2.2) source devices, set resolution to 4K@30Hz.
- **Deep Color Support:** Compatible with deep color 30bit, 36bit, and 48bit per pixel.
- **Flexible Switching:** Offers automatic, manual (via switch button), or remote control switching between inputs.
- **Durable Design:** Features a high-quality ABS plastic casing and 24K gold-plated connectors for reduced signal loss.
- **Wide Compatibility:** Suitable for various HDMI source devices such as Roku, Chromecast, Blu-ray/DVD/HD players, cable/satellite boxes, Amazon Fire TV, PS3/4, Apple TV, Xbox, PC/laptops, HD cameras, and HD DVRs. (Note: Not compatible with PS5).

PRODUCT DIAGRAM AND PORTS

Familiarize yourself with the various ports and indicators on your Proster HDMI Switch:



Image: Detailed diagram illustrating the input (IN1, IN2, IN3) and output (OUT, Stereo, Toslink, Power) ports on the Proster HDMI Switch, along with indicators and the select button.

- **HDMI Input Ports (IN1, IN2, IN3):** Connect your HDMI source devices (e.g., PC, Blu-ray player, game console).
- **HDMI Output Port (OUT):** Connect to your HDMI display (e.g., HD TV, monitor, projector).
- **Stereo Audio Output (3.5mm Jack):** For 2CH PCM stereo audio output to headphones or stereo speakers.
- **Optical Toslink Output:** For 2CH PCM, 5.1CH Dolby Digital, DTS Audio output to a soundbar or amplifier.
- **Power Port (DC 5V/1A):** Connect the provided USB power cable to a 5V 1A power adapter (not included). Ensure the power adapter is plugged into a wall outlet.
- **IR Receiver:** For receiving signals from the IR remote controller.
- **Select Button:** Manually switch between HDMI input sources.

- **Indicator Lights (Out 1, 2, 3):** Indicate the currently selected HDMI input.

SETUP AND INSTALLATION

1. **Connect HDMI Sources:** Use HDMI cables to connect your source devices (e.g., Blu-ray player, game console, PC) to the HDMI Input ports (IN1, IN2, IN3) on the Prozor HDMI Switch.
2. **Connect to Display:** Connect the HDMI Output port (OUT) of the Prozor HDMI Switch to the HDMI input of your display (TV, monitor, or projector) using an HDMI cable.
3. **Connect Audio Output:**
 - For 2CH stereo audio, connect your headphones or stereo speakers to the 3.5mm Stereo Audio Output jack.
 - For 5.1CH surround sound (Dolby Digital, DTS) or 2CH PCM, connect your soundbar or amplifier to the Optical Toslink Output port.
4. **Power On:** Connect the provided USB power cable to the Power port on the HDMI Switch, and then connect the other end to a 5V 1A power adapter (not included). Ensure the power adapter is plugged into a wall outlet.
5. **Verify Connections:** Double-check all cable connections to ensure they are secure.



Image: The Proster 3x1 HDMI Switch with various cables connected, illustrating a typical setup for HDMI input and audio output.

OPERATING INSTRUCTIONS

Switching Inputs:

- **Manual Switching:** Press the "Select" button on the front panel of the HDMI Switch to cycle through the HDMI input sources (IN1, IN2, IN3). The corresponding indicator light will illuminate.
- **Remote Control Switching:** Use the provided IR Remote Controller to switch between inputs. Press the numbered buttons (1, 2, 3) to directly select the desired input.
- **Automatic Switching:** The switch supports automatic switching. When a new active HDMI source is connected or an existing active source is turned on, the switch will automatically detect and switch to that input.



Image: A hand holding the IR remote control, demonstrating its use to select input sources for the HDMI switch connected to a display and other devices.

Audio Mode Options:

The Proster HDMI Switch offers three audio modes:

- **2.0 Mode (3.5mm Output):** Provides 2-channel PCM stereo audio through the 3.5mm jack. Ideal for headphones or standard stereo speakers.
- **5.1 Mode (Optical Output):** Provides 5.1-channel audio (Dolby Digital, DTS) through the optical Toslink port. Suitable for surround sound systems.
- **PASS Mode (HDMI Output):** Passes the audio signal directly through the HDMI output to your display. The display will then handle the audio.

3 Audio Mode Options

HDMI Signals to HDMI, Optical and 3.5mm Audio Output



2.0 Mode
(3.5mm Output)



5.1 Mode
(Optical Output)



PASS Mode
(HDMI Output)



The switch can't be used with other converter, such as HDMI to DVI converter

Image: Visual representation of the three audio output modes available on the HDMI switch: 2.0 Mode for 3.5mm output, 5.1 Mode for optical output, and PASS Mode for HDMI output.

To select an audio mode, use the corresponding buttons on the remote control (e.g., "2.0", "5.1", "TV" for Pass Mode).

MAINTENANCE

- Keep the device in a cool, dry place away from direct sunlight, high temperatures, and humidity.

- Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Ensure proper ventilation around the device to prevent overheating.
- Avoid dropping or subjecting the device to strong impacts.
- Disconnect power when not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video output.	Loose HDMI cable connection. Incorrect input selected. Source device not powered on or outputting signal. Resolution incompatibility (e.g., 4K@60Hz source). HDCP incompatibility.	Ensure all HDMI cables are securely connected. Press the "Select" button or use the remote to cycle through inputs. Verify source device is powered on and sending a signal. Set source device resolution to 4K@30Hz if it's 4K@60Hz. This switch does not support HDCP 2.2. Ensure your devices are compatible.
No audio output.	Incorrect audio mode selected. Audio cables loose or incorrect type. Source device audio settings. External audio system not powered on or configured correctly.	Select the appropriate audio mode (2.0, 5.1, or PASS) using the remote. Ensure 3.5mm or optical cables are securely connected. Check audio output settings on your source device (e.g., set to PCM for 2.0, or Bitstream for 5.1). Verify your external audio system is on and set to the correct input.
Remote control not working.	Battery low or dead. Obstruction between remote and IR receiver. Remote too far from the unit.	Replace the remote control battery. Ensure a clear line of sight to the IR receiver on the switch. Operate the remote within a reasonable distance from the unit.
Intermittent signal.	Poor quality HDMI cables. Power supply issue.	Use high-quality HDMI cables. Ensure the power adapter is 5V 1A and providing stable power. Avoid powering directly from TV USB ports.

SPECIFICATIONS

Feature	Detail
Product Dimensions	3.26 x 2.91 x 0.74 inches
Item Weight	9.9 ounces
Model Number	4330353443
Brand	Proster
Color	3x1 HDMI Switch with Audio Extractor
Connector Type	RCA, Auxiliary, DVI, HDMI

Feature	Detail
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Compatible Devices	DVR, Gaming Console, Television, DVD Player, Personal Computer, Camera, Blu-Ray Player (Note: Not for PS5)
Cable Type	USB, HDMI
Max Resolution	4K@30Hz, 1080P, 3D
Deep Color Support	30bit, 36bit, 48bit per pixel
HDCP Support	No HDCP 2.2 support
Power Supply	5V 1A (via USB cable)

OFFICIAL PRODUCT VIDEOS

Watch these official videos from Proster US for additional setup and feature demonstrations:

Proster 5x1 4K 3D HDMI Switch with Audio Extractor

Your browser does not support the video tag.

Video: This video demonstrates the features and setup of a Proster 5x1 HDMI Switch with Audio Extractor, showcasing its capabilities for managing multiple HDMI inputs and extracting audio.

3x1 HDMI Switch with Audio Extractor

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Video: A detailed overview of the 3x1 HDMI Switch with Audio Extractor, highlighting its functions and connectivity options for various devices.

PROZOR HDMI Audio Extractor Switch with Volume Control

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Video: This video showcases the Proster HDMI Audio Extractor Switch, focusing on its volume control feature and how it integrates into an audio-visual setup.

WARRANTY AND SUPPORT

Specific warranty information for the Proster 3x1 HDMI Switch with Audio Extractor is not available in the provided product data. For detailed warranty terms, technical support, or customer service inquiries, please refer to the official Proster website or contact Proster customer support directly.

You may also find additional resources and FAQs on the [Proster Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question