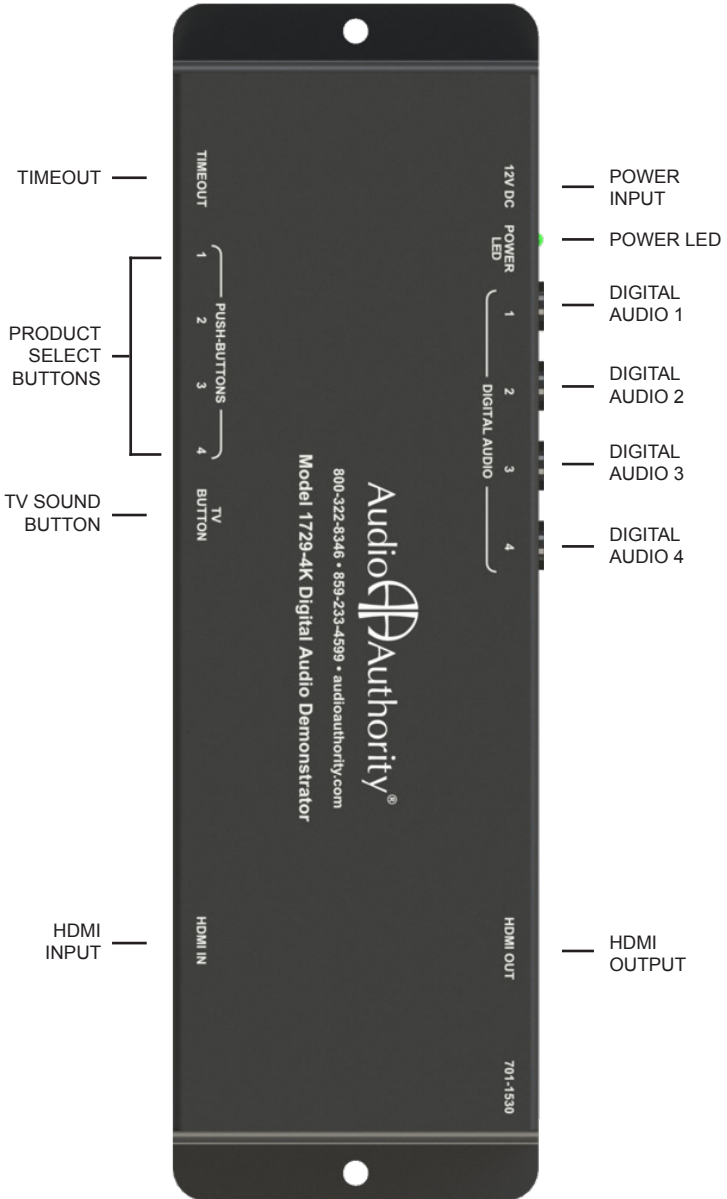# User Manual

Model 1729-4K
Digital Audio Demonstrator

Audio AP Authority®

Introduction

The 1729-4K is designed to introduce shoppers to an improved TV experience by adding a sound bar or AV receiver. Users compare TV speakers to any of four sound bars or AVRs by using a simple push-button interface. The 1729-4K delivers digital audio from a digital video source to the optical inputs of multiple products. It supports UHD video resolutions up to 4K at 60Hz and HDR color.

Package Contents

Before installing this product, please check the packaging and make certain the following items are contained in the shipping carton:

- 1729-4K Demonstrator
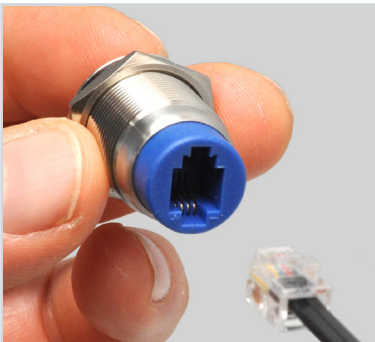- DC Power Adapter
- User Manual

Features

- Optical connections to audio products
- One source signal to TV and sound bar(s) or AVR
- TV sound and video via HDMI connection
- Supports video resolutions up to 4K60 4:4:4 8bit and 4K60 4:2:0 10bit
- HDMI and HDCP 2.2 compliant
- HDMI Audio: PCM 2
- Optical Audio: PCM 2
- Adjustable demonstration timeout

Digital Audio Connections
Connect an optical cable from each of the Digital Audio 1- 4 output connectors to the corresponding sound bar or AVR's audio port.
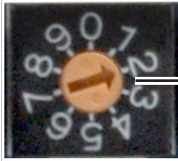
Product Select Buttons
To select products, connect the push-button to the RJ9 port marked Push-Buttons at each position. To enable TV sound connect a push-button to the RJ9 header port marked TV Button. Compatible push-buttons are available from Audio Authority.

The modular RJ9 plug makes this Easy Plug button a snap to install, and reliable for the life of the demonstration system. RJ9 is the same four-conductor format used for most telephone cords, making the harness easy to obtain in any length. The standard 802-807 harness is 1.5m long, with other lengths available upon request. Model 013-100 Easy Plug button with illuminated blue ring shown.

Timeout Interval

All outputs deselect after a period of inactivity (the timeout interval). The timeout interval is set by the Timeout dial, in increments of 15 seconds. If the timeout switch is set to 0, the demonstration does not time out. Each time a customer makes a selection the timer resets.

	Timeout Interval
1	15 seconds
2	30 seconds
3	45 seconds
4	60 seconds
5	75 seconds
6	90 seconds
7	105 seconds
8	120 seconds
9	135 seconds
0	Never

TIMEOUT DIAL

HDMI Input

Connect a premium certified high-speed HDMI cable from the source to the HDMI input of the 1729-4K. Cable lengths should be kept as short as possible.

Television Output

Connect the output of the 1729-4K to the TV input with a premium certified high-speed HDMI cable.

Power

Connect the included 12V power adapter to Power Input of the 1729-4K. Button LEDs should be on. If these lights are not on, check the HDMI cable connections, make sure both HDMI cables are connected to the 1729-4K and the components are powered.

Operation

On power up, the POWER light blinks to show normal operation. Turn on the source and destination devices, both HDMI cables must be connected for operation. Press a product select button to make a selection. Press the TV button, the demo product mutes and the TV speakers play. Deselect any active product by pressing the button again.