



Users Guide

PS100

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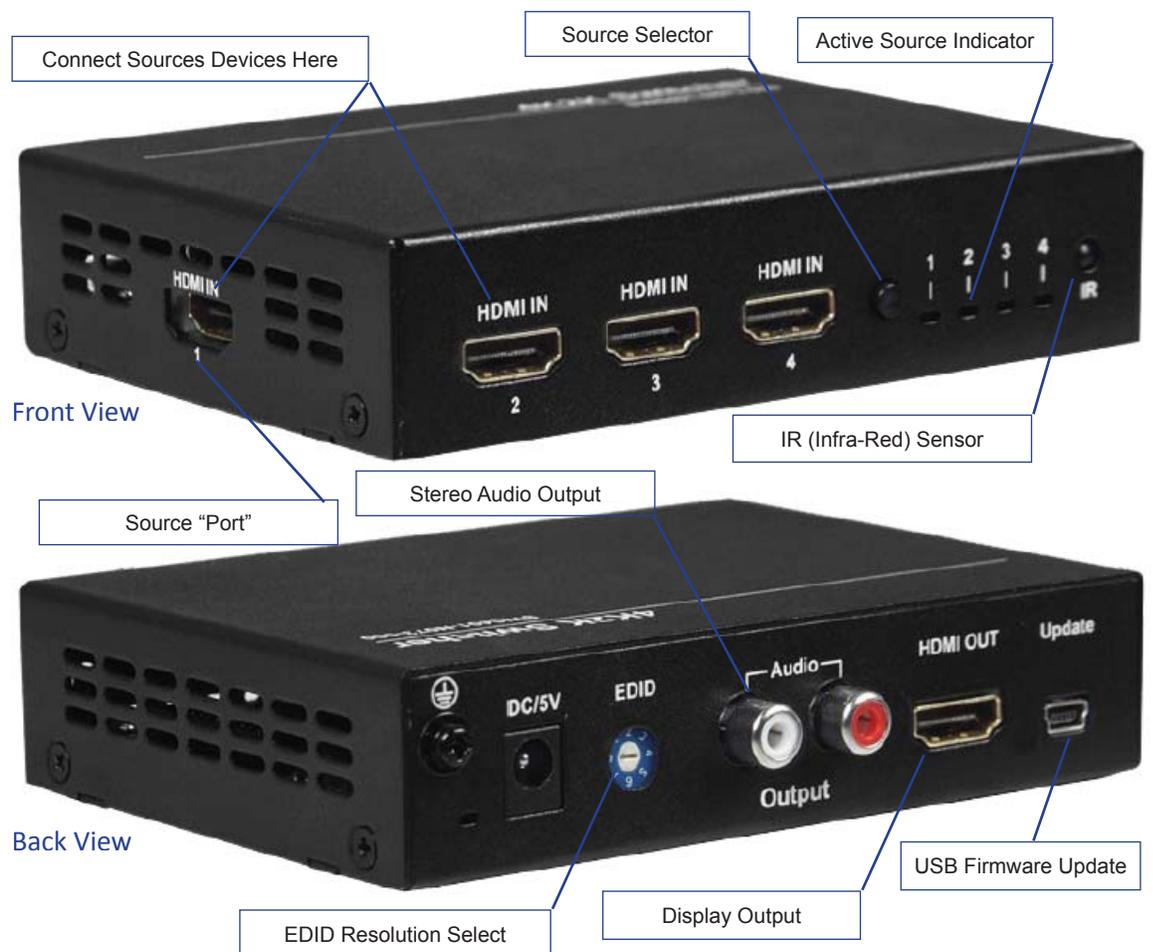
Introduction

Introducing the PS100 Compact 4x1 HDMI Presentation Switcher

The PS100 Presentation Switcher is an electronic device that allows up to 4 HDMI “source” devices, such as a laptop computer and Sony® BluRay™ player, to share user-supplied content on a single HDMI display, such as a high resolution LCD display panel or a LED projector (e.g. “output”). In addition to simple HDMI source device selection, the selected source device’s audio is extracted and output on two (2) RCA connectors (left/right) designed for local sound amplification.

Getting to Know the PS100

The graphic below points out key attributes of the PS100.



Basics

Selecting a New Source Device to Display

To display a new source, press the Source Selector button on the Front of the PS100 repeatedly until the LED on the Active Source Indicator corresponds to the desired Source Port Selection. That image should now be visible on the Display Output and can be heard on the Stereo Audio Output connectors.



Note: Selecting an input for a source that is not physically connected will cause the output display to indicate that the signal has been lost or disconnected.

Selecting a New Source Device to Display (Using IR Remote)

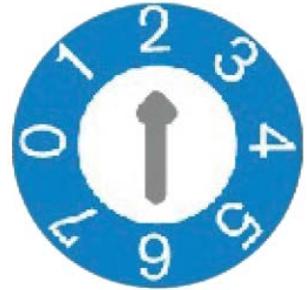
From the IR Remote controller, shown below, select the Right or Left buttons until the desired Source is selected. If the front panel is viewable, you will see the Active Source Indicator change when each button is pressed.



Advanced Features

Change Image Resolutions

Most source devices send an electronic inquiry to the display asking for information about its capabilities. The display sends a table of information called the Extended Display Identification Data (EDID). Using this information, the source device changes its resolution to match the native resolution of the display or some other resolution that is supported by both source and display.



The PS100 intercepts the display's response to the EDID table request and sends its own EDID information to "trick" the source into sending its content in a particular resolution and/or audio format. This method allows us to change the resolution of the source device without reprocessing the video image and degrading the quality of the native image.

The EDID Resolution Select rotary dial can be modified using a standard screw driver to change the EDID table information being sent to the source device.

Position	EDID Format
0	Copies the EDID information from the display and makes it available for quick access to all Source Devices. Information is extracted at the time the PS100 is powered up. The display must be powered but does not necessarily need to be operating in order to obtain the display information.
1	Verify EDID Copy. Press and hold Source Selector button for 3 seconds. If all four Active Source Indicators flash one time, EDID copy (option 0 above) was successful and is present on all HDMI ports. If the indicators flash 3 times then the PS100 failed to copy EDID information from the display.
2	1080p with 2 Channel, Stereo Audio (DEFAULT)
3	1080p with 5.1 Channel Audio
4	1080p with 7.1 Channel Audio
5	1080p 3D 2 Channel, Stereo Audio
6	4K x 2K with 2 Channel, Stereo Audio
7	Reserved



Cycle power (turn power off then back on) to enable the EDID table change.

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