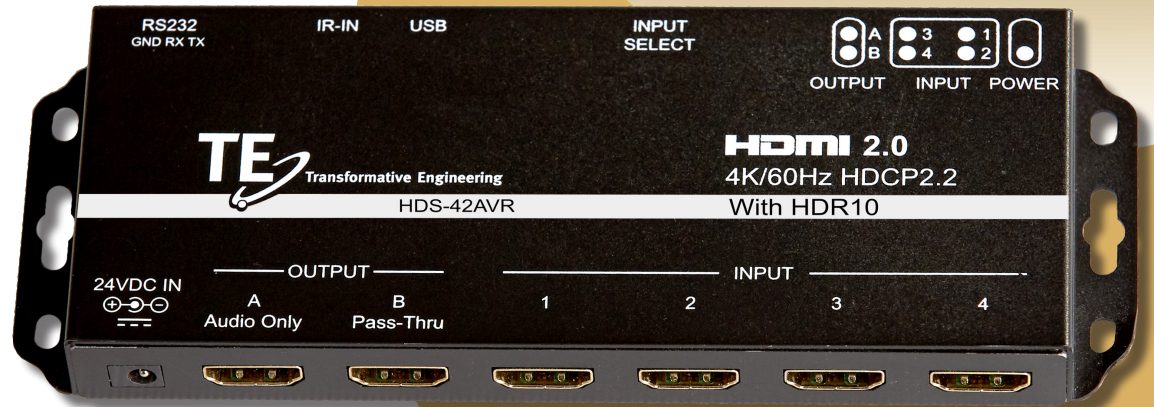




HDS-42AVR

HDMI Switcher

With the advent of the newest Ultra High Definition (“4K”) displays and sources, the latest version of High Definition Copyright Protection (“HDCP”) management was unveiled. For those end-users who have an older, non-HDCP2.2 compliant video/ audio processor or receiver, this presents a major problem. In order to take full advantage of the video capabilities of a new 4K display and to hear all of the high-level HDMI-only Surround Sound formats such as Dolby True HD and DTS-Master, the only solution until now would be to replace the older Audio/Video Processor with a new version that is HDCP 2.2 compatible. In smaller systems, that is not a major issue. In larger, audiophile grade installations, replacing a very expensive processor with another very expensive processor is not always an option.



The **HDS-42AVR** solves this by allowing four HDCP 2.2/ full 4K sources to be switched and sent directly to the display, while directing any and all available HDMI Audio streams to the Surround Decoder. The **HDS-42AVR** handles all full 4K formats including 60Hz refresh rate at 4:4:4 color space for a full 18.2Gbps bandwidth. The Audio-Only HDMI port is managed as a HDCP 1.4 source with a 720p MUTED video, in order to conform with anti-copy rules.

For the installer we have included the ability to integrate the operation of the **HDS-42AVR** via IR (with an included IR Remote and pickup) or via RS232. As with all **Transformative Engineering** products, we have created a solution in an effective, innovative and reliable way.



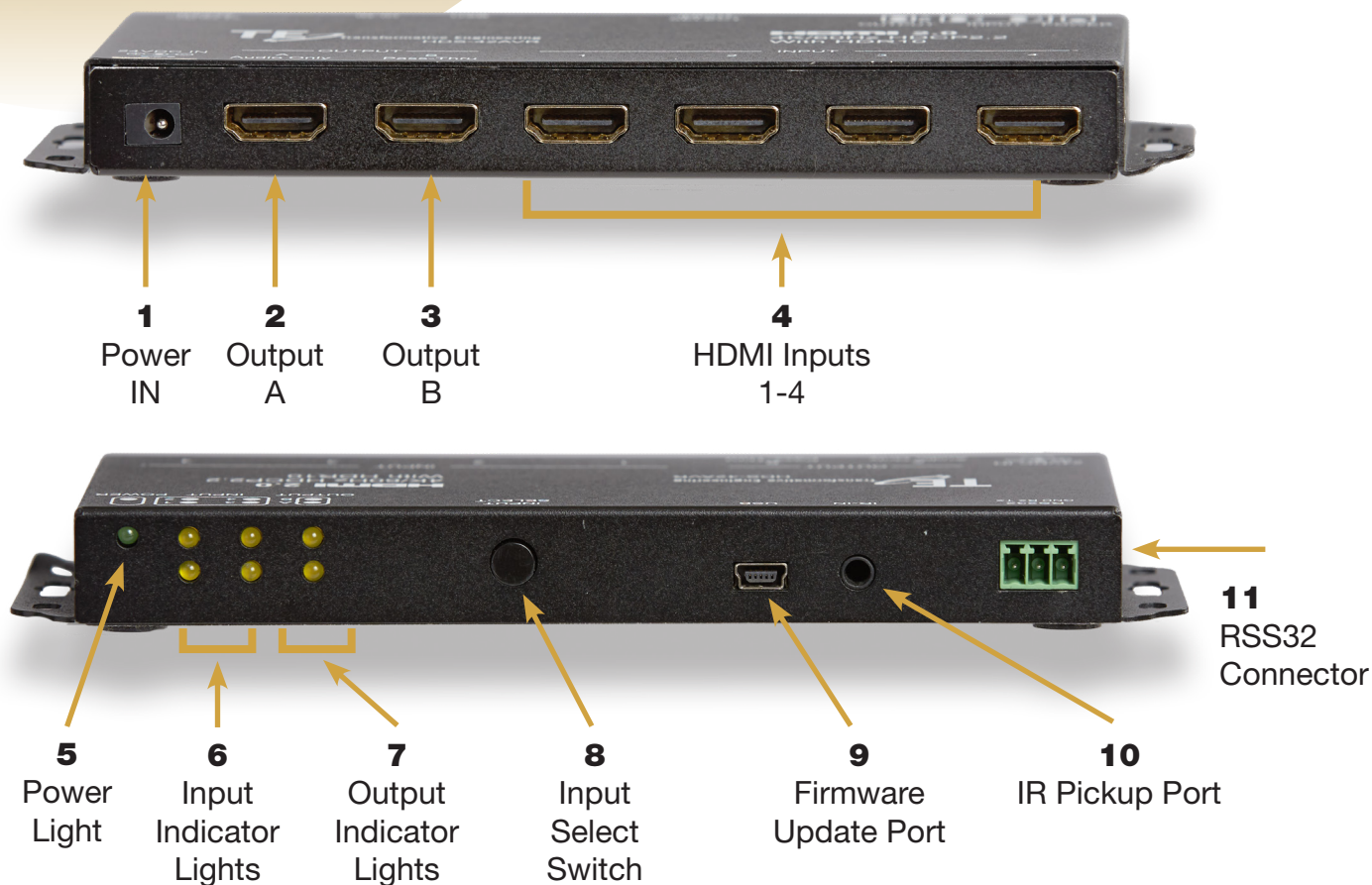
Contributor Member of HDBase Alliance
Authorized HDMI Adapter

781-769-6410
Norwood, MA 02062 USA

www.TransformativeEngineering.com

HDS-42AVR

4 Input - 2 Output HDMI Switcher



HDS 42AVR SPECIFICATIONS

Input Signals:

HDMI Version 1.0 thru 2.0b
IR Signal – Pickup for operation of this device only RS232 – 3-Pin

Video Formats Supported:

480p/576i/480p/576p/720p/1080i/1080p
UHD up to 18.2 Gbps: 4K 60 Hz 4:4:4(8bit), 4:2:2(8,10,12bit), 4:2:0(8,10bit) all current versions of HDR included

Audio Formats Supported:

All HDMI supported formats, including DTS-HD, Dolby-HD, DVD-A, Dolby TrueHD, 8-CH LPCM

Output Signal:

Output B:
HDMI Version 1.0 thru 2.0b
Output A: Audio Only, Muted Video at 720p

Power Supply (supplied):

24 VDC, 750ma

Dimensions (Switcher):

7.0" W x 1.25" H x 4.0" D

Weight: 1.50 Lbs (Switcher)



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