1824
Media Hub Distribution Amp
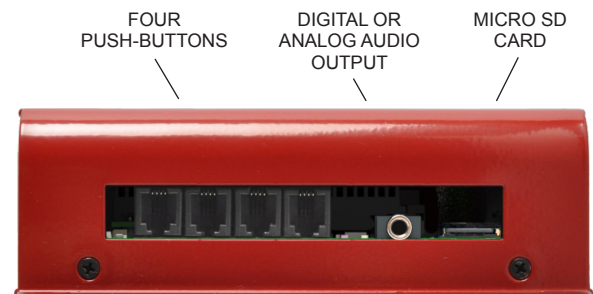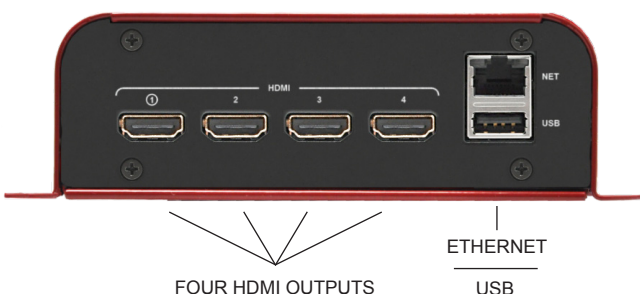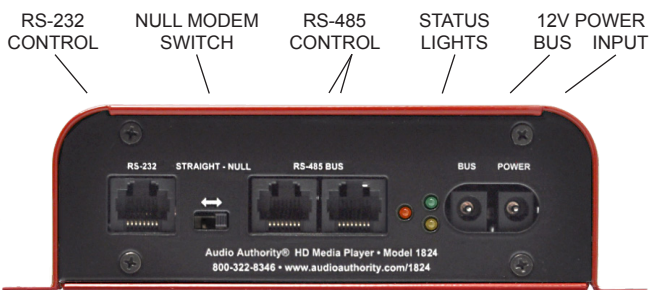
Media Player with Smart Video Distribution

Features

- BrightSign® built-in
- Four HDMI® outputs (1080p60, 5.1ch)
- Individual CEC control via HDMI
- Dual audio jack (digital or analog)
- Customizable push-button ports (RJ9 x4)
- Control ports for peripherals (RJ45 x3)
- USB (for touch screen or peripheral)
- Ethernet port for remote updates

The Model 1824 adds multiple video outputs to the Media Hub platform. For demo systems that require multiple video sinks, the Model 1824 acts as its own 1:4 distribution amplifier. Connect up to four HDMI sinks (televisions, soundbars, A-V receivers, etc.) to the player; each output provides identical 1080p video signal, but it has the capability to send individual CEC commands to each sink.

The Model 1824 is ideal for coordinating an HDMI audio or video experience, with multiple user interface options, and multiple ways to interface directly with AVRs, TVs, and sound bars via Ethernet, RS-232, or CEC communication.

BrightSign®
Built-In

RS-232 CONTROL | NULL MODEM SWITCH | RS-485 CONTROL | STATUS LIGHTS | 12V POWER BUS   INPUT

FOUR PUSH-BUTTONS | DIGITAL OR ANALOG AUDIO OUTPUT | MICRO SD CARD

FOUR HDMI OUTPUTS | ETHERNET | USB

The 1824 has many control options including touch screens, TouchSelect panels, and Easy Plug push-buttons.

Additional charges may apply for custom programming.
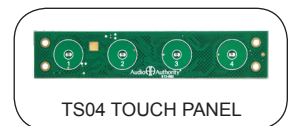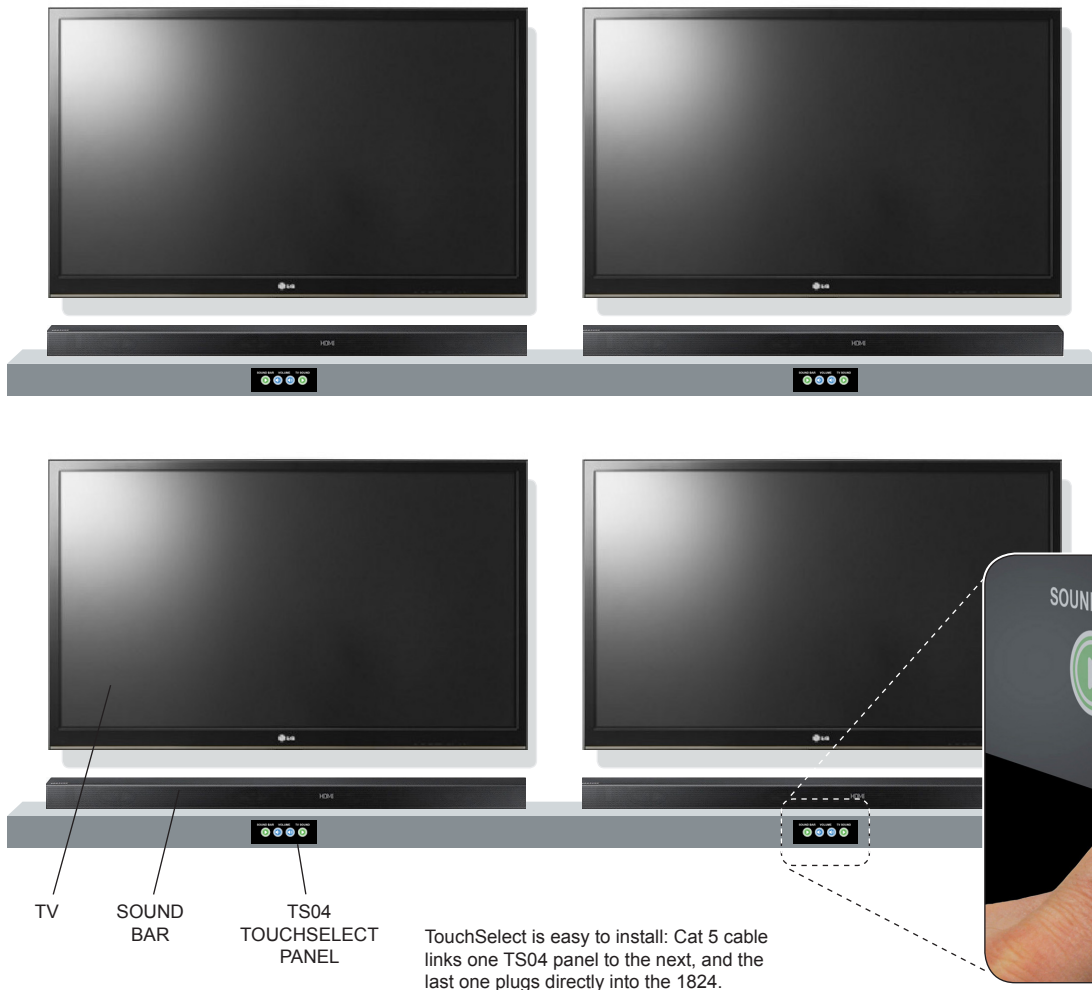
Example System:

Sound Bar vs. TV Sound Comparison

The 1824 distributes video to four HDMI sink devices, while the 1821 switcher handles audio for sound bars. A TouchSelect panel by each sound bar allows the customer to activate the sound bar, adjust volume, and toggle the audio from sound bar to TV speakers. Since the TVs receive audio via HDMI, the TV sound toggle function is performed by muting the TV using CEC control signals via the HDMI connection – a function not available on standard HDMI distribution amps. At the same instant, the 1821 switcher activates the sound bar via optical signals. The whole experience is orchestrated by a BrightAuthor program on the 1824 Media Hub.

BrightSign®
Built-In

The 1824 contains a complete BrightSign media player, with all the proprietary features, but offers more media outputs and more connectivity to multiple external devices.

1824 MEDIA HUB

1821 OPTICAL SWITCH

TS04 TOUCH PANEL

TV   SOUND BAR   TS04 TOUCHSELECT PANEL

TouchSelect is easy to install: Cat 5 cable links one TS04 panel to the next, and the last one plugs directly into the 1824.

SOUND BAR   VOLUME   TV SOUND

Specifications

- Audio Formats: MP3 (mono or stereo) @ 44.4kHz or 48kHz, WAV (mono or stereo) @ 96kHz, 48kHz, or 44.1kHz
- Audio-Video Formats: MP4 and MOV (without metadata) with AAC or AC3 audio (pass-thru)
- Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2, MPEG-1
- Dimensions (HxWxD, inches): 5.4 x 5.2 x 1.8
- Communication: USB-A, RS-485 control ports (x2), RS-232 port (Baud rate is software selected), Ethernet
- Power Supply: 12V DC, 5A

Audio Authority®

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