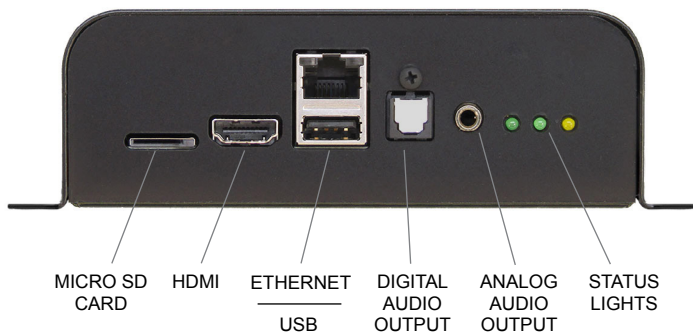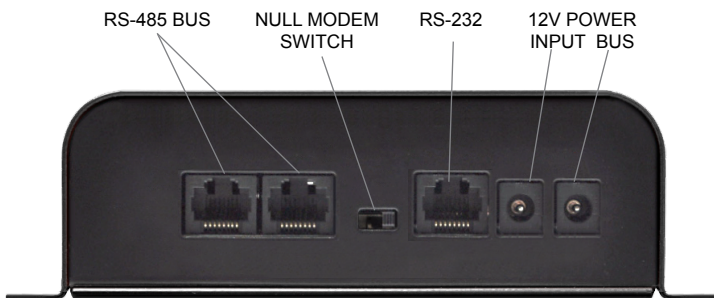# Ascentic™
RETAIL ENGINEERING

MH2-4K
Multi-Purpose MediaHub

Media Player and Demonstrator Combined

Features

• BrightSign® Built-In

• HDMI® output (4096x2160@60Hz)

• Discrete digital and analog audio outputs

• Customizable push-button ports (RJ9 x8)

• Communication ports for peripherals (RJ45 x3)

• USB port for touch screen applications

• Ethernet port for remote updates

We combine BrightSign's media-playing muscle with the interactivity you expect from Audio Authority® in our MH2-4K MediaHub. With a BrightSign player built-in, the MH2-4K produces native 4K@60 video and high fidelity audio, with all the custom behaviors* made possible by BrightAuthor software. Multiple ports on the MH2-4K link interactive peripherals like push-buttons and serial control devices including touch screens and touch panels. To keep presentations fresh in the field, update media content and BrightAuthor programming via Ethernet, or update the SD card locally.

BrightSign®
Built-In

RS-485 BUS   NULL MODEM   RS-232   12V POWER
              SWITCH   INPUT BUS

EIGHT PUSH-BUTTON PORTS

MICRO SD   HDMI   ETHERNET   DIGITAL   ANALOG   STATUS
CARD   ——————   AUDIO   AUDIO   LIGHTS
                   USB   OUTPUT   OUTPUT

The MH2-4K has many control options including touch screens, TouchSelect panels, and EasyPlug push-buttons.

Additional charges may apply for custom programming and custom overlay.

Example System:

Sound Bars

The MH2-4K does more than play media in this full-featured sound bar demo - it coordinates a complex audio demo with video and lighting effects. Customers can audition sound bars, select media, add rear speakers, compare TV speakers to sound bars, and adjust volume. Push a button on the right to hear a sound bar, which also triggers the first media file to play, and the shelf to light up. Lights under the shelf also highlight the selected subwoofer. The user selects media using a small touch screen. The rear speakers are powered via a smart amplifier that tracks volume control with the selected sound bar. After a period of inactivity, the display returns to a silent state, ready for the next customer.

BrightSign®
Built-In

The MH2-4K contains a complete BrightSign media player, with all the proprietary features, but offers more media outputs and more connectivity to multiple external devices.

1805 SMART AMP

MH2-4K MEDIAHUB

LM8-12 LIGHT CONTROL

1821 OPTICAL SWITCH

REAR SPEAKERS

TV

CONTROLS

SOUND BAR SELECT BUTTON

SHELF LIGHT

ADD REAR SPEAKERS

SWITCH TO TV SPEAKERS

LCD TOUCH SCREEN FOR MEDIA SELECTION

VOLUME BUTTONS

REAR

TV SOUND

+ VOLUME −

SUBWOOFER LIGHT

MH2-4K Specifications

See **audioauthority.com/mh2-4k** for full audio and video specifications.

- Audio Formats: MP3 (mono or stereo) @ 44.4kHz or 48kHz, WAV (mono or stereo) @ 96kHz, 48kHz, or 44.1kHz
- Recommended 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
- Serial Communication: RS-485, RS-232 (Baud rate is software selected)
- Power Supply: 12V DC, 1.5A