

# Model AH1

## AudioHub Player / Controller

## More Than Music: The Demo Nerve Center

Audio Authority's AH1 AudioHub is the perfect fit in retail environments where high quality music is required to demonstrate audio products. The AH1 is a programmable control center that not only plays uncompressed music but can also coordinate multiple devices to create a dynamic experience.



### **Electrical**

- 1x Power input, 12VDC
- 1x 3.5mm auxiliary analog audio input
- 2x 3.5mm analog audio outputs (selectable)
- 2x mini S/PDIF (TosLink) optical digital audio outputs (selectable)
- 6x RJ9 ports for external controls
- 1x RJ45 RS-485 port (compatible with Model 1895 rotary encoder)
- 1x RJ45 RS-232 port with Null-Straight switch
- 1x microSD card slot for media
- 6x feature switches

### **Media Card Format**

Supported card formats are exFAT and FAT32.

### **Media File Specifications**

- Files must be placed in the root of the SD card
- Filenames must begin with 01, 02, 03, .. 99 in the desired order of play
- File names should be 32 characters or less; long file names may cause errors
- Files should be stripped of meta data; embedded images or other large files may cause delay in playback

### **Compatible File Formats**

Format	Maximum Bit Rate	Maximum Sample Rate
FLAC	16 Bit	48 kHz
FLAC	24 Bit	44 kHz
MP3	320 Kbps	48 kHz
OGG	32 Bit	48 kHz
WAV	16 Bit	48 kHz

## Feature Switch Operation

- Feature switches are read only once each time the AH1 is powered up; restart the player after making changes
- Timeout stops playback (if continuous play is NOT on) and resets the volume to default levels.

Dip 1	Dip 2	Timeout
0	0	No Timeout
0	1	1 Minute
1	0	2 Minutes
1	1	3 Minutes

- Continuous play triggers the unit to start playing on boot and to never stop, playing track after track, and wrapping back around to the start of the card.

Dip 3	Continuous Play
0	Off
1	On

- Default volume level is the level that the device boots to and resets to on timeout.

Dip 4	Dip 5	Default Volume Level
0	0	-30 dB
0	1	-20 dB
1	0	-10 dB
1	1	0 dB

- In Switch Mode only one analog output is on at a time so two audio products may be compared using one AH1. Adjusting volume switches to the corresponding output. Digital output is only enabled when analog output 1 is enabled.

Dip 6	Single Output
0	Off
1	On

## Status Indication

Status LED	Status
Off	No SD card found
On Solid	Failed to mount SD card; bad card or wrong format
Blinking Moderately	Playing content from SD card
Blinking Fast	Playing content from Aux input

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