

# A/V Binloop HD™

8 Channel Synchronous Audio Video Player  
Model HDBC8VX



## VIDEO PLAYBACK

The A/V Binloop HD just got bolder. It provides two channels of UltraHD 4K resolution or up to eight channels of full HD. This is the ultimate frame accurate synchronized audio and video player.

### FEATURES:

- ▶ Up to 8 channels of Full HD (1080p)
- ▶ 2 channels of UltraHD 4K (3840 x 2160)
- ▶ Frame Accurate Video Synchronization
- ▶ Timecode Sync
- ▶ Update content via Ethernet
- ▶ Transfer playlists and videos
- ▶ Genlock input

### APPLICATIONS:

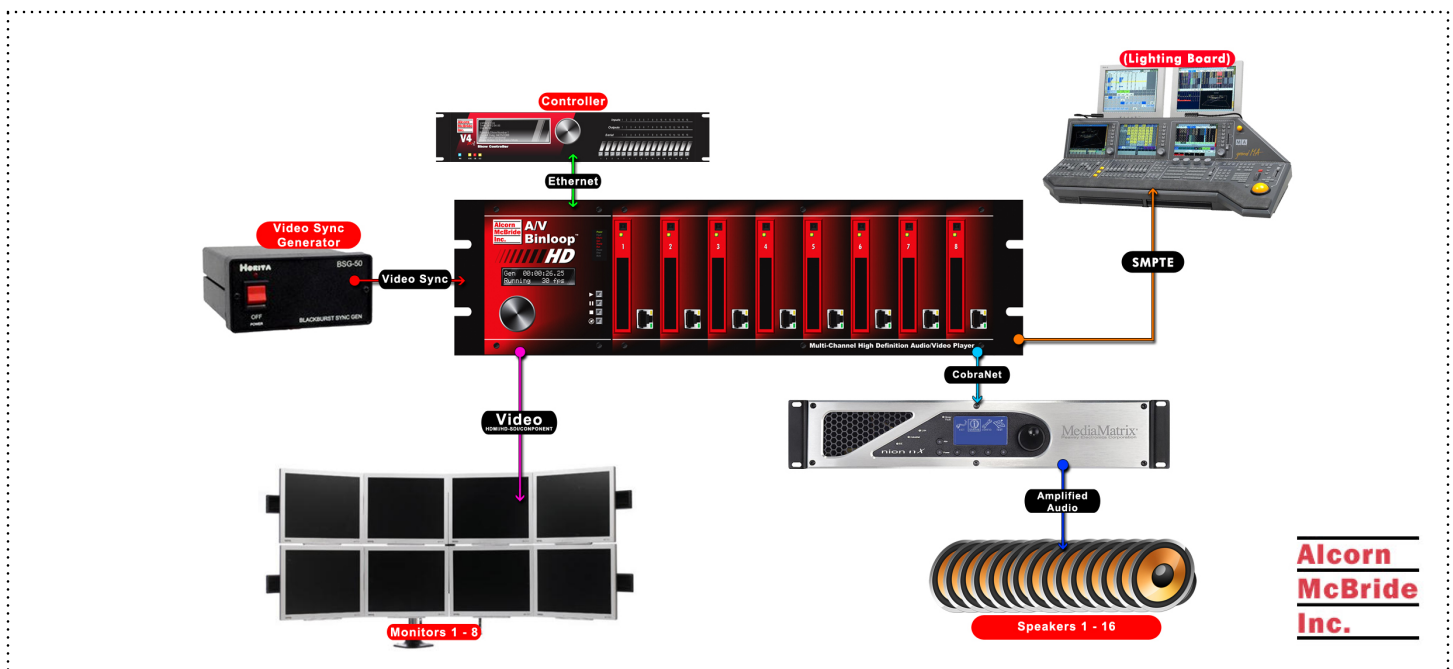
- ▶ Video Walls
- ▶ Museum Exhibits
- ▶ Military Simulation Systems
- ▶ 4D Theater
- ▶ Digital Signage

Captivate your audience with content displayed across 8.3 megapixels. The A/V Binloop HD is a multi-channel video and audio player capable of playing back two channels of video with four times more resolution than full HD!

The A/V Binloop HD provides up to 8 HD channels (or 2 UltraHD) of synchronous or asynchronous video and 16 tracks of 16-bit audio in a small form factor. It can be used as an A/V source for one show or for an entire building. It can playback MPEG2 or MPEG-4/h.264 video at bitrates up to 40 Mb per second and at resolutions up to 3840 x 2160.

The A/V Binloop HD is perfect for video wall applications. Unlike most commercial video devices, the A/V Binloop HD provides a full HD video source to each screen. This eliminates the loss of quality due to stretching commonly seen in traditional video wall controllers. For large applications, it's easy to sync multiple units and the content can be managed via Ethernet.

True to Alcorn McBride engineering, this is a solid-state player. No hard drives, just simple removable CompactFlash storing hours of HD content. Experience UltraHD 4K with Alcorn McBride reliability.



**Alcorn  
McBride  
Inc.**

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## PRODUCT SPECIFICATIONS

### Video

Channels:	Up to 8
Formats:	Microsoft VC1 MP@HL (WMV9) & AP@L3 h.264 (MPEG-4 part 10) MP & HP level 4.1 MPEG-2 MP@HL
Max Bitrate:	40 Mbps
Resolutions:	1080p, 1080i, 720p, 480p, 576p, 480i, 576i
Digital Video:	HDMI, 3G HD-SDI (SMPTE-424M) with embedded audio
Analog Video:	CVBS Standard definition monitor output Simultaneous SD & HD display output Component (YPbPr or RGsB)
Media:	CompactFlash

### Audio

Formats*:	MPEG-1 Layer I/II, MPEG-2 Layer II MPEG-2 AAC, MPEG-4 AAC LC2-Channel/5.1 Channel MPEG-4 AAC+SBR 2-Channel/5.1 Channel Dolby® Digital EX, Pro Logic® II, MLP
Channels:	2 or 5.1
Dynamic Range:	104 dB
Sample Rate:	44.1, 48 KHz, 16 bit
Unbalanced:	Standard
Balanced:	Standard
Digital Audio:	IEC958/IEC1937 (S/PDIF) RCA phono connector
Network Audio:	CobraNet™ (Option)

### Control

Display:	VFD, 8 unit status LEDs; 8 reproducer status LEDs
User Control:	Pushbuttons; Rotary encoder with push to select Start/read SMPTE, pause SMPTE, stop, mute all; each reproducer: start/stop
Sync In:	Blackburst
Serial:	RS-232 @ 9600 N, 8, 1, MIDI
Inputs:	8 Contact/voltage group triggers
Network:	(1) 100BT RJ-45, UDP, NTP, FTP, TCP (control) / (8) 100BT RJ-45, FTP (media update)

### Physical

Power:	Voltage 110-240 Autosense, 350W max.
Operating Temperature:	0°C (32°F) to 38°C (100°F)
Size:	19" W x 5.25" H x 11" D (48 cm W x 13 cm H x 28 cm D), 3RU
Weight:	25 lbs. (11 Kg)
Environment/Shock:	0-90% relative humidity, non-condensing/20 g max vibration
Power Supply Compliance:	CE, UL, SA

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