

# A/V Binloop Uncompressed

8 Channel Synchronous Audio Video Player  
Model AVU-BINX



## VIDEO PLAYBACK

The name A/V Binloop Uncompressed speaks for itself. It takes the industry's most reliable solid state platform and delivers your content at the highest quality for a truly remarkable experience.

### FEATURES:

- ▶ High Quality 4:4:4 Uncompressed Playback
- ▶ High Frame Rate - 60fps
- ▶ Up to 8 channels of 2K (2048 x 1080)
- ▶ Up to 2 channels of 4K (4096 x 2160)
- ▶ Timecode Input/Output
- ▶ Genlock input

### APPLICATIONS:

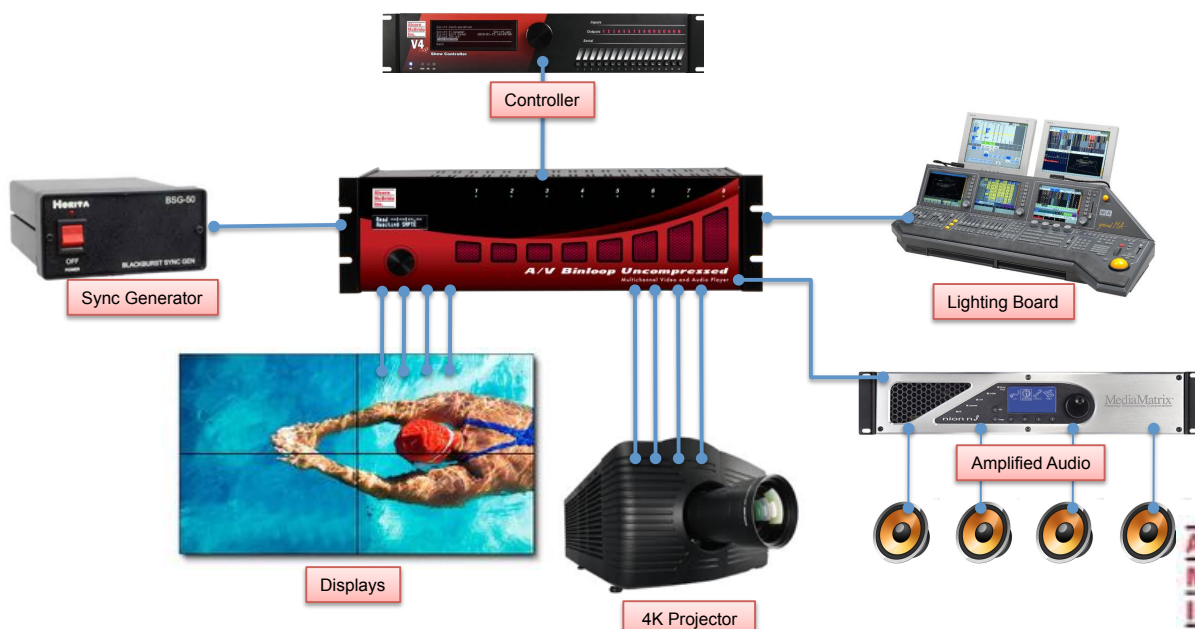
- ▶ Theme Park Video
- ▶ Museum Exhibits
- ▶ Military Simulation Systems
- ▶ Video Walls
- ▶ Digital Signage

The industry's favorite synchronized video player now plays your content at the highest possible quality. The result is a truly stunning display running from the most reliable platform on the market. True to Alcorn McBride engineering, the A/V Binloop Uncompressed is a solid-state device providing decades of rock solid and stable performance.

The A/V Binloop Uncompressed provides up to 8 channels of 2K (2048x1080) or up to 2 channels of 4K (4096x2160) high-quality uncompressed video playback. These channels can be played independently from one another, or grouped together for frame-accurate synchronous playback. The flexibility of our Binloop platform allows you to mix audio and video cards to deliver any combination of playback. It can be used as an A/V source for one show or can be easily scaled for the grandest of attractions. It can playback uncompressed frame files with a quality as high as 4:4:4 at a rate up to 60 frames-per-second.

Unlike most commercial video devices, the A/V Binloop Uncompressed provides a native-resolution source to each display device and can perfectly synchronize multiple display devices. This makes it the perfect solution for video wall and blended projection applications because it eliminates the loss of quality due to stretching commonly seen in traditional video wall controllers or video processors. For large applications, it's easy to sync multiple units using the product's Genlock input feature.

Experience the ultimate in video playback with Alcorn McBride reliability.



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### PRODUCT SPECIFICATIONS

This product has 8 card slots that can be populated with different cards to provide video or audio playback.

#### Video

#### Card Model REPRO2KU

Channels:	1 per card (up to 8 for the entire product)
Formats:	Uncompressed Targa Sequence
Frame rates:	23.976, 25, 29.97, 30, 47.952, 59.94
Chroma:	4:4:4 (4:2:2 over SDI)
Resolutions:	2K, 1080p, 720p, 576p, 480p
Digital Video:	HDMI, SDI (3G/HD/SD)
Media:	Solid State Drive (SSD)

#### Audio

#### Card Model REPRO16V or REPRO24D

Formats:	WAV, AIF, PCM
Channels:	2 per card (up to 16 for the entire product)
Dynamic Range:	104 dB
Sample Rate:	Model REPRO16V: 44.1, 48 KHz @ 16 bit Model REPRO24D: 44.1, 48, 96 KHz @ 24 bit
Digital Audio:	S/PDIF, AES - DB37F
Network Audio:	CobraNet™ (Option); Dante™ (Option)

#### Control

Display:	OLED Display, 8 unit status LEDs; 8 channel 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, Tri-level, C-Sync
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

#### 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:	19 lbs. (9 Kg)
Environment/Shock:	0-90% relative humidity, non-condensing/20 g max vibration
Power Supply Compliance:	CE, UL, SA

