

A/V Binloop™

16 Channel Synchronous Video Player
Model AV-BIN32



AUDIO/VIDEO

The A/V Binloop is the ultimate frame accurate synchronized audio and video player. With no moving parts, this player provides up to 16 channels of ultra reliable playback that outlasts any other.

FEATURES:

- ▶ No Moving Parts
- ▶ Frame Accurate Video Synchronization
- ▶ Timecode Sync
- ▶ 16 Video Channels
- ▶ 32 Tracks 16-Bit Audio (16 Stereo)
- ▶ Playlisting

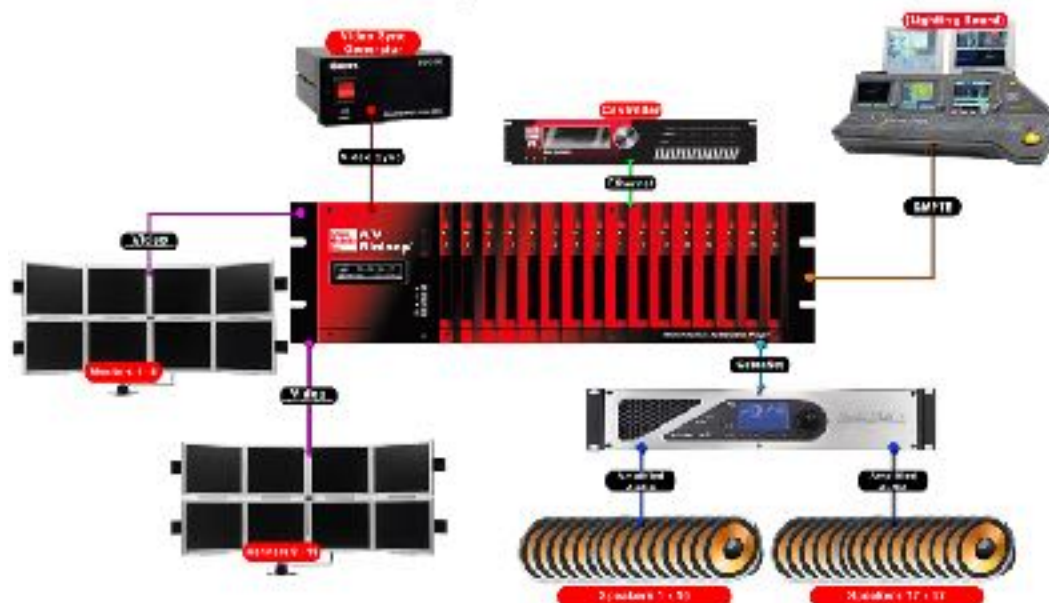
APPLICATIONS:

- ▶ Interactive Kiosks
- ▶ Video Walls
- ▶ Museum Exhibits
- ▶ Pre-show Video
- ▶ 4D Theater
- ▶ Digital Signage

For close to three decades, our Digital Binloop has been the industry standard for theme park audio playback. The A/V Binloop carries on the product line's history of providing reliable, high-quality playback.

The A/V Binloop is a multi-channel standard-definition video and audio player that can provide up to 16 channels of synchronous or asynchronous video and up to 32 tracks of 16-bit audio in a very small form factor. It can be used as an A/V source for one show or for an entire building.

The A/V Binloop is perfect for video wall applications. Unlike most commercial video devices, the A/V Binloop provides a video source to each screen. This eliminates the loss of quality due to stretching commonly seen in traditional video wall controllers. With a variety of control options — Ethernet, RS-232, playlists, SMPTE timecode — and outputs — composite, component, SDI (SMPTE 259M — optional) — the A/V Binloop is economical and highly-reliable.



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PRODUCT SPECIFICATIONS

Video

Channels:	Up to 16
Formats:	MPEG-2 MP@ML
Max Bitrate:	15 Mbps
Resolutions:	NTSC or PAL
Digital Video:	SDI (SMPTE-259M) Option
Analog Video:	CVBS Composite Component (YPbPr or RGB)
Media:	CompactFlash

Audio

Formats*:	MPEG-1-Layer I/II Dolby® Digital (AC3) PCM (WAV, AIFF, Raw PCM)
Channels:	2 or 5.1
Signal-to-Noise Ratio:	120 dB
Sample Rate:	32 KHz, 44.1, 48 KHz
Unbalanced:	Standard; +4 volts max. into 20K
Balanced:	Standard; +8 volts max. into 150 ohms
Digital Audio:	IEC958/IEC1937 (S/PDIF)
Network Audio:	CobraNet™ (Option)

Control

Display:	VFD, 8 unit status LEDs; 16 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/C-Sync
Serial:	RS-232 9600-38.4Kbaud N,8,1
Inputs:	Contact/voltage group triggers
Network:	100BT Standard; UDP
MIDI:	31.25Kbaud

Physical

Power:	110-240 VAC (Autosense), 300W max.
Size:	19"W x 5.25"H x 10.25"D (480mm x 130mm x 280mm), 3RU
Weight:	25 lbs. (11 Kg)
Environment:	0°C (32°F) to 38°C (100°F) 0-90% relative humidity
Power Supply Compliance:	CE, UL, WEEE, RoHS

**Alcorn
McBride
Inc.**