

BITPRESS

Built by post production professionals with over fifty years of collective experience in mastering.

AUTOMATED – FAST – INTELLIGENT

Bitpress develops tools that enable rapid monetization of content by automating traditionally laborious and complicated processes. We understand the challenge and cost of manipulating media. We have a history of innovation through automation for the largest and most respected post production and media companies in the world. We've authored many patents and engineered workflows for every major studio and the largest OTT providers.

For a personalized demo or information:

info@bitpress.com

www.bitpress.com

THOUSANDS OF CONFORMS IN A SINGLE DAY

An intense need exists to get content to market faster as providers dig deeper into their archives to satisfy consumer demand and participate in new international OTT platform launches. AudioPress automated audio conform fills this need with fast, intelligent automation.

AudioPress

AUTOMATED AND FAST

An easy-to-use web UI and automation will improve your time to world-wide markets. Quickly and accurately synchronize alternate audio tracks to a guide track.

INTELLIGENT

Using deep analysis, with automated conformance algorithms it sorts and labels all jobs. Conformed jobs are completed with consistent results.

COST EFFECTIVE

Monetize your entire library for less than traditional processes and reducing the use of audio bays. Pay as you go pricing model.

BORN IN THE CLOUD

Using the massive scale of AWS. Submit jobs through a secure UI and use your own AWS account for storage.

COMPARE **AudioPress** TO THE COMPETITORS

	AUDIOPRESS	COMPETITORS
<u>Syncs audio at head</u>	Fully Supported	Fully Supported
<u>Works with all languages</u>	Fully Supported	Partially supported
<u>Works with M&E</u>	Fully Supported	Partially supported
<u>Works with Descriptive Audio Tracks</u>	Fully Supported	Partially supported
<u>Auto-scales to complete >10K audio conforms per day</u>	Fully Supported	Not Supported
<u>Changes speed from 25 fps to 23.98 automatically</u>	Fully Supported	Not Supported
<u>No additional software required</u>	Fully Supported	Not Supported
<u>File duration precisely matched</u>	Fully Supported	Not Supported
<u>Checks every audio sample</u>	Fully Supported	Not Supported
<u>Checks audio duration at head and tail</u>	Fully Supported	Not Supported
<u>Automatically creates any output file spec</u>	Fully Supported	Not Supported
<u>Does not require video on guide track</u>	Fully Supported	Not Supported
<u>Use your AWS S3 storage</u>	Fully Supported	Not Supported
<u>Works in any AWS region</u>	Fully Supported	Not Supported
<u>Adjustable sync tolerance settings</u>	Fully Supported	Not Supported
<u>Watchfolder configured to auto-create orders</u>	Fully Supported	Not Supported
<u>Works with short form content (30 seconds to 5 minutes)</u>	Fully Supported	Not Supported
<u>Does not require stems, uses full mix</u>	Fully Supported	Not Supported
<u>Provides feedback on files that cannot be conformed</u>	Fully Supported	Not Supported
<u>Fully automated results</u>	Fully Supported	Not Supported
<u>Simple CSV order submission</u>	Fully Supported	Not Supported
<u>Fully documented API available</u>	Fully Supported	Not Supported
<u>Job summaries always available</u>	Fully Supported	Not Supported
<u>Automatically performs full QA on conformed output</u>	Fully Supported	Not Supported
<u>Syncs audio when commercial break edits are present</u>	Partially supported*	Not Supported

*Requires additional sample files in order to support

COMING Q4 2021

VideoPress normalizes and corrects technical metadata. An incredibly powerful tool, it will analyze the actual video material and determine the best path to improve picture quality and correct common issues. No more errors stemming from incorrect source file metadata or operator mistakes.

VideoPress



AUTOMATED

Submit jobs through secure API or CSV. Process hundreds of sources concurrently with consistent and reliable results. Support for all file formats in and out.

BROAD TOOL SET

3/2 pulldown and 4th frame repeat detection and removal, adaptive deinterlacing, speed change correction, colorimetry tagging and more. All applied automatically based on source interrogation and desired output type.

INTELLIGENT

Precision and reliability are key in video mastering. VideoPress makes downstream workflow results more predictable.

DEEP ANALYSIS

Based on the actual video material not file metadata. VideoPress knows what to look for, identifies it, and fixes it.

BORN IN THE CLOUD

Utilizing the power and scale of AWS for worldwide reach and massive scale to improve time to market.

COMPARE **VideoPress** TO THE COMPETITORS

	VIDEOPRESS	COMPETITORS
<u>Performs deep analysis of actual video material</u>	Fully Supported	Partially supported
<u>Automatically determines best path to best video quality</u>	Fully Supported	Not Supported
<u>Automatically corrects many common issues</u>	Fully Supported	Not Supported
<u>Automated head/tail formatting removal (as required)</u>	Fully Supported	Not Supported
<u>Automated commercial break addition/removal/modification</u>	Fully Supported	Not Supported
<u>Automatic cadence correction and 3/2 removal (as required)</u>	Fully Supported	Not Supported
<u>Automatic 4th frame repeat detection and removal</u>	Fully Supported	Not Supported
<u>Automatic adaptive deinterlacing (as required)</u>	Fully Supported	Not Supported
<u>Converts frame rates automatically</u>	Fully Supported	Not Supported
<u>Automatic VBI detection and removal</u>	Fully Supported	Partially supported
<u>Automatically creates any output file spec</u>	Fully Supported	Fully Supported
<u>Automatic thin raster detection and correction</u>	Fully Supported	Not Supported
<u>R128 / ITU 1770-3 audio loudness normalization (as required)</u>	Fully Supported	Fully Supported
<u>Simple CSV order submission</u>	Fully Supported	Not Supported
<u>Fully documented API available</u>	Fully Supported	Fully Supported
<u>Job summaries always available</u>	Fully Supported	Fully Supported
<u>Automatic aspect ratio correction</u>	Partially supported*	Not Supported
<u>Fully automated results</u>	Fully Supported	Not Supported

*Requires additional sample files in order to support

COMING Q4 2021

MasterPress uses both temporal fingerprinting and spatial correlation to accomplish a variety of tasks for relational and single-source operations. With VideoPress at its core, MasterPress is a powerful tool to prepare library content for broad distribution.



MasterPress

AUTOMATED

Submit jobs through secure API or CSV. Process hundreds of sources concurrently with consistent and reliable results. Support for all file formats in and out.

BROAD TOOL SET

Creation for textless and Picture-to-picture master creation. Main title and end sequence detection, MAM/DAM asset deduplication, version delta reporting, aspect ratio error detection, rendition verification, interstitial content and commercial break detection.

INTELLIGENT

Streamlined version matching and variant master creation and differential analysis.

COST EFFECTIVE

Lower costs by reducing manual labor and use of video editing workstations.

BORN IN THE CLOUD

Utilizing the power and scale of AWS for worldwide reach and massive scale to improve time to market.

COMPARE **MasterPress** TO THE COMPETITORS

MASTERPRESS COMPETITORS

<u>Uses machine learning, temporal fingerprinting, and spatial correlation to analyze video</u>	Fully Supported	Partially supported
<u>Automated textless master creation</u>	Fully Supported	Not Supported
<u>Automated picture to picture master creation</u>	Fully Supported	Partially supported
<u>Automated commercial black detection, removal, or modification</u>	Fully Supported	Not Supported
<u>Automated commercial black creation/insertion</u>	Fully Supported	Not Supported
<u>Automated EDL export to CSV</u>	Fully Supported	Partially supported
<u>Automatic main title and end sequence detection and reporting</u>	Fully Supported	Not Supported
<u>Automated duplication detection and reporting</u>	Fully Supported	Not Supported
<u>Automatic version delta detection and reporting</u>	Fully Supported	Partially supported
<u>Automatic interstitial content detection</u>	Fully Supported	Partially supported
<u>Automated aspect ratio error detection and correction</u>	Partially supported*	Not Supported
<u>Simple CSV order submission</u>	Fully Supported	Not Supported
<u>Fully documented API available</u>	Fully Supported	Fully Supported
<u>Job summaries always available</u>	Fully Supported	Fully Supported
<u>Fully automated results</u>	Fully Supported	Not Supported

*Requires additional sample files in order to support