

Pyxis - MT

Multi-track Recorder with HD Video



FAIRLIGHT

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Fairlight's friendly Pyxis video toolbox

Crystal Core™ FPGA engine under the bonnet

Starts under US\$20,000 for a turnkey HD system*.

What is Pyxis MT?

Pyxis MT is a powerful new audio/video product. It is a custom-configured PC equipped with Fairlight's CC-1 processing engine, a high-end video acceleration card, plus the SX-20 sync I/O system. These elements combine with RAID hard disks to form a media monster capable of up to 192 audio tracks in perfect sync with a video stream in any format up to uncompressed HD.

Capabilities:

- Handles up to 192 tracks of 48 kHz 24-bit audio (up to 96 in record)
- Handles video up to uncompressed HD 4:2:2 format
- Record video and audio direct to the timeline simultaneously
- Drag and drop files from any network location into your project
- Import and export a huge range of SD and HD file formats (see list below)
- Fast, simple video and audio editing
- Auto-Conform from EDL
- Professional ADR package
- Dual machine control over Sony 9-pin
- LTC/MTC chase and generate
- Genlock to external video
- Timecode burn-in and watermarking in SD and HD

Real Sync

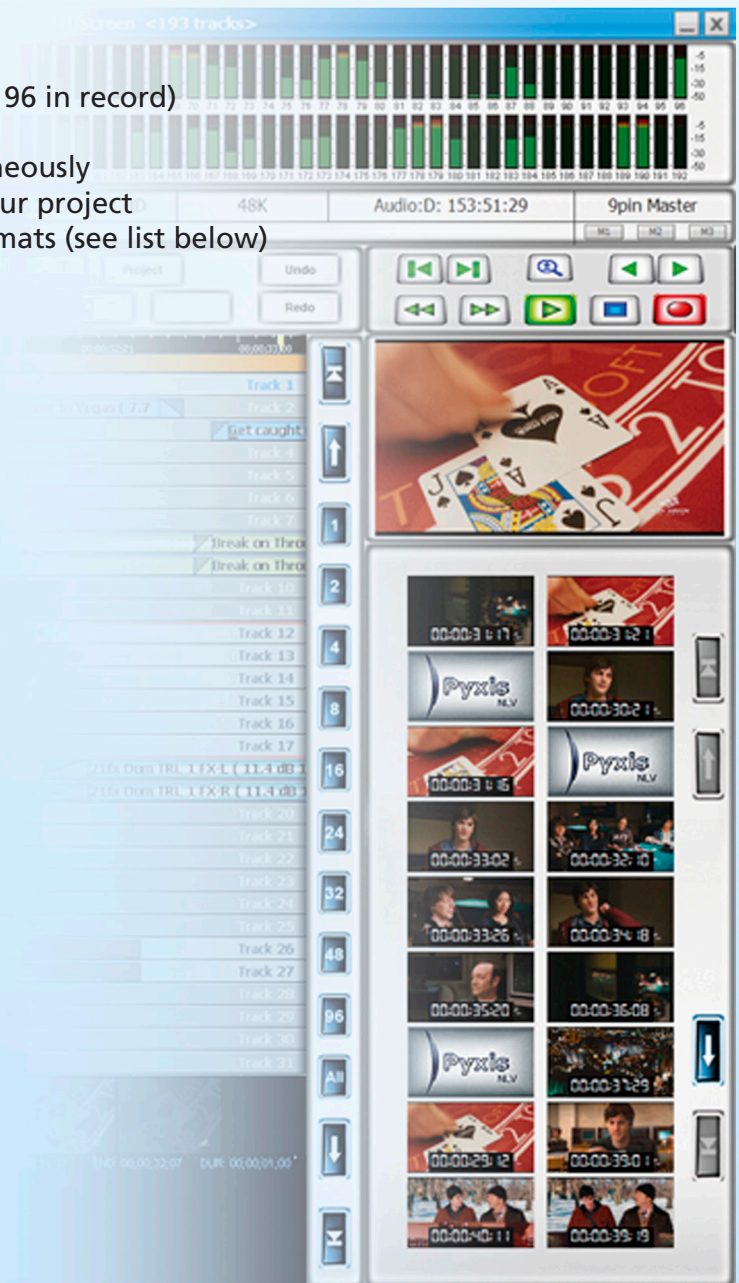
Video and audio always locate and play in perfect sync, with all audio tracks in-phase and sample-locked. While editing you can locate anywhere in a frame to place audio exactly.

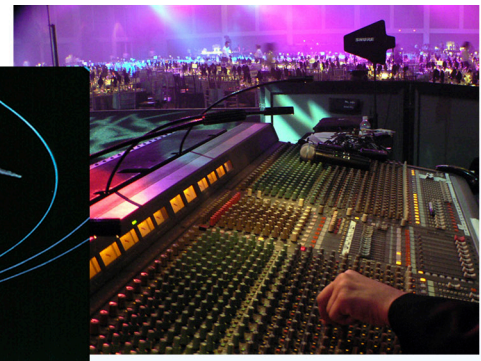
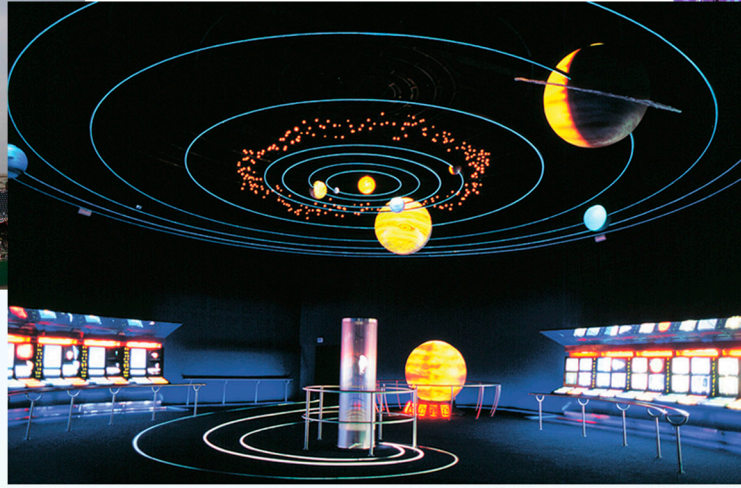
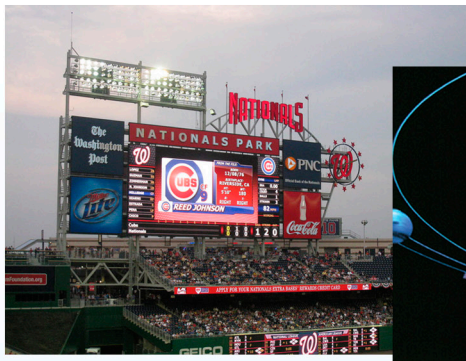
The system supports dual machine control on 9-pin, plus LTC and MIDI Timecode chase and generate. It also supports tri-level sync and Word Clock.

Tape Mode

Pyxis MT offers you the choice of non-destructive (layered) or destructive (Tape Mode) audio recording. Layered mode prevents accidental loss of material, and allows you to build stacks of takes on a single track for later editing. Afterwards these can be quickly rendered to a single file per track for export.

Tape Mode is economical with disk storage, and yields a single file per track as soon as you finish recording.





Who Needs Pyxis MT?

Pyxis MT is a unique solution for anyone needing high quality video with more than 8 professional quality audio tracks. Recording, editing, ADR and file transfer and transcode applications are supported.

Film Mixing Stages

Use Pyxis MT to play back up to 192 tracks, plus your picture source
Record stems back into Pyxis MT in perfect sync
Work with Native 24P pictures at 23.98 while recording at 48 kHz

Live Television

Record all audio feeds during rehearsals and use them to refine mixer settings before the show
Capture video, mixes and multi-track audio feeds during the show for use in promos

Machine Room and Transfer Bay

Ingest, encode, transcode amongst a huge range of file formats
Sits comfortably in your network structure
EDL conform without using studio time
Balance reels prior to studio edit and recording sessions
Load ADR sessions (from text files) ready for sessions

ADR and Foley

Create cue lists in Pyxis MT, or load them from CVS files
Inserts streamers and floating timecode into SD or HD output
Record unlimited takes on each track and edit in place
Simple user interface provides all needed controls in one panel

Animation Production

Record unlimited takes on each track, including video of the artist performing

Music studios

Record unlimited takes on each track, including video of the artist performing
Phase-locked, sample-locked audio amongst all tracks
Records native to BWAV for instant takeaway to downstream processing

Concert, Event and Show Recording

Record every audio source from the stage, plus the primary video feed, in perfect sync on one machine
Pyxis MT saves to disk on the fly, protecting your valuable material against power failure

Flexible Packaging

Most facilities don't need 192 tracks, so why pay for them? Similarly, you may not need uncompressed HD video recording, so the host PC can be scaled accordingly.
Pyxis MT starts with 48 tracks, and goes up in logical steps to 192. You can enter at any level, and upgrade at any time without penalty (note that higher video formats and larger track counts require faster disk storage).

* System under \$20,000 includes video formats up to uncompressed HD, plus 48 audio tracks

