

FAIRLIGHT



Economical Video plus Multi-Track Audio

Pyxis is a workhorse video recorder. It's simply PC based with "up-to" dual HD video and anywhere from 8 to 192 Audio Track support. It excels as a networkable video player, dubber, multi-track recorder, transfer bay, and simple editor for both audio and video.

- **Pyxis is a PC-based video recorder and file player.**
- **It plays one or two video streams, up to uncompressed HD 4:2:2 quality.**
- **It's got massive multi-track audio capability.**

Pyxis is used for video playback on mixing stages, at events, for live television and in any other context where reliable high-quality video is needed. In this role Pyxis has been a Hollywood favourite for picture playback for many years. Mixers especially love its ability to play hi-res video files without taking time for format conversion or down-res. It's also used as a dubber, recording up to 64 tracks simultaneously while delivering a video stream to the mix stage. If desired, it can deliver playback tracks into the mix at the same time.

And as an event or concert recorder it can capture video and audio at the same time, making subsequent editing simple. In fact wherever cost effective video and audio recording or playback is needed, Pyxis is a natural.

Key Features

- Dual Stream HD video recorder/player
- Ingest SD or HD video, including SDI and HDMI
- Large range of video files supported natively – just drag and drop
- On-board audio up to 192 tracks
- Simultaneous record of video and audio
- Straightforward editing of video and audio, simultaneously
- Simple screen-based user interface
- Supports 3rd party [Tranzport](#) controller for remote control



Capabilities

- Handles up to 192 tracks of 48 kHz 24-bit audio (up to 64 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
- 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 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.

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 starts with 8 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).

Who Needs it?

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

Film Mixing Stages

- Use Pyxis to play back up to 192 tracks, plus your picture source.
- Record stems back into Pyxis 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, 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 saves to disk on the fly, protecting your valuable material against power failure.