

DART® Pro MT™

Audio Tools for Maximizing Sound Quality

Eliminate noise from older or newly recorded audio.

DART Pro MT is a powerful tool used for maximizing audio quality for music and speech, new and old recordings. DART Pro MT is the latest in a succession of many releases spanning 15 years of DART, products. This is the first DART product to run with Windows Vista®.

The DART programs use their own advanced Digital Signal Processing (DSP) algorithms that are the best in the audio industry. DART Pro MT includes all of the tools found in DART Pro 24 and is used heavily by audio professionals and experienced audio hobbyists worldwide.

Who is using the most complete audio restoration & recording system?

Audio Engineers—Professional re-mastering of music and post production audio quality work.

Project Studios—Remove and reduce audio distortions from vocal and instrumental tracks.

Forensics Analysis— Investigate and evidentiary audio analysis.

Historians and Archivists— Recovery of historical voice recordings or lecture tape clarification and amplification.

School Music Labs—Teach digital audio, audio science and music history.

DJ's—Music recovery and audio improvement.

KJs—Removal of lead vocal and adding sound affects (audio prep for Karaoke authoring).

Music Lovers—Restore and save the music you love from records, tapes, cassettes and video.

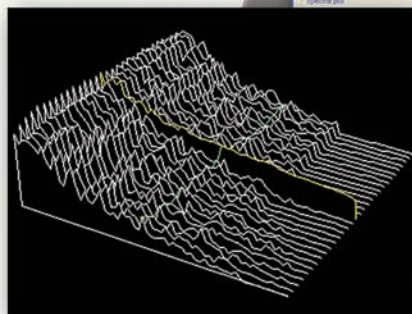
Record Collectors—Music restoration, preservation and listening.

KEY FEATURES

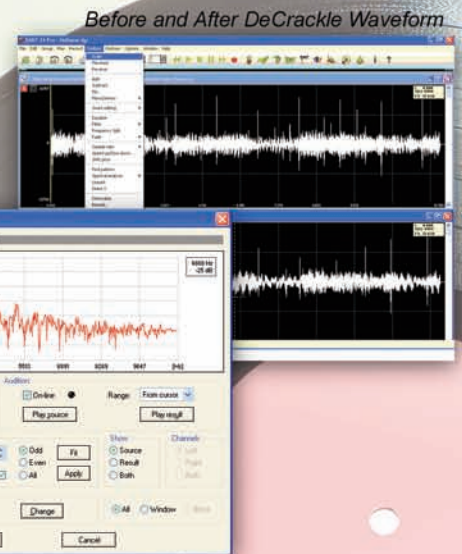
- Restore and improve audio from any digital or analog source.
- DART MT multithreading for much faster processing.
- Advanced DSP tools and algorithms.
- Use for music or speech recordings.
- Automatic and manual processing options.
- Record from any sound source using a sound card.
- For professionals & experienced hobbyists.

NEW FEATURES

- **Runs with Windows Vista® and Windows XP®.**
- **DART MT™ (MultiThreading) support that uses Intel® hardware SMT (Simultaneously Multithreading) and Microsoft Windows® Preemptive Multitasking to achieve simultaneous processing on all CPUs in a multi-CPU system for much faster processing—up to 8X on an 8 CPU system!**



3D Spectral View



DeHum Controls

DART® Pro MT™

8 Powerful Sound Quality Features

1. DART DeClick MT™—Elimination of impulsive disturbances and low intensity wide band noise. The tool isolates and reconstructs irrevocably distorted signal samples.

2. DART DeClick MT™—An advanced tool for elimination of impulsive disturbances based on bidirectional processing of audio signals for speech and music (it combines results of forward-time and backward-time signal analysis).

3. DART NoisePrint™—A special noise identification function selects a fragment of a recording that contains noise only...a short piece of "silence" preceding or after a recorded signal. Or extract the NoisePrint from another recording.

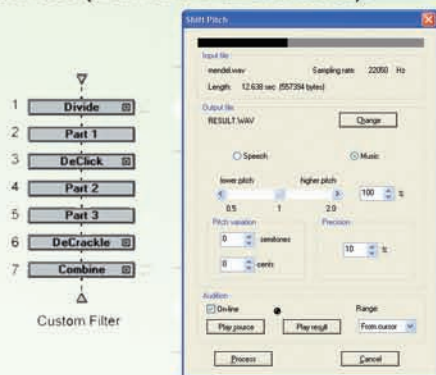
4. DART ReTouch™—Manual control of DeClick and DeCrackle including replacement and reconstruction of large fragments useful for repairing long-lasting disturbances or dropouts.

5. DART DeNoise MT™—Elimination of a broadband noise of known characteristics using NoisePrint to identify a specific noise pattern.

6. DART MaskNoises MT™—Noise suppression tool based on a psychoacoustic model of the human auditory system. MaskNoise identifies noise components of corrupted audio files and divides them into audible and inaudible components, "masked" by the audio signal. Only the audible components are removed.

7. DART DeHiss MT™—A wideband noise reduction utility based on a standard noise model. Used when a noiseprint is not available.

8. DART DeHum™—Elimination of harmonic disturbances (Hum and Buzz removal).



Shift Pitch Controls

System Requirements:

- **CPU:** Intel Pentium® or equivant (or faster).
- **System:** Microsoft Windows Vista® or Windows XP®.
- **Memory:** 16MB RAM & 1.2GB Disk.
- **Sound Card:** 16 or 24 Bit Windows compatible (for analog sound capture).

More Tools and Features

- Scale, Maximize, Reverse & Add, Subtract, & Reverse audio signals.
- Split/Unit channels & Convert to/from Stereo/Mono.
- Editing - cut, copy, paste & mult-cut.
- Smart Editing - cut, mute & crossfade.
- Equalize frequency bands - Gain and Clip controls.
- Lowpass, Highpass, Bandpass, Bandstop & Notch filters.
- Fade In, Fade Out & Crossfade.
- Resample, Change Speed, Adjust RPM, & Trim Length adjustments.
- Speed Up/Down & Shift pitch modifications.
- Find pattern, Compare & Mix audio signals.
- Unpack automatically to separate tracks and individual files (from a silence NoisePoint).
- DeVocal & Reverb (For Karaoke work).
- Waveforms, outliers, zooming and 2D & 3D spectral analysis viewing.
- And others.

Processing Options

- Automatic and transparent 24 & 16 bit sound file.
- Music and Speech.
- Interactive, Batch and Real Time.
- Mono & Stereo.
- Unique processing for each frequency and sample rate.
- Unique processing for each time division options.
- Forward & Reverse processing.
- Set/Drop Markers & Set/Remove frames, Divide/Combine time slices.
- MyFilter & Filter Builder for making custom filters with unique filter & function combinations.

Captures audio from analog sources

- 78, 45, or 33 RPM records.
Cassett or reel-to-reel tapes; radio too.

Graphics—See the audio and see the distortions to find and fix

- 2D & 3D special analysis, parametrics, waveforms, outliers, zooming, etc.



Dartech, Inc.
7400 Metro Boulevard, Suite 360
Edina, MN 55439
info@dartpro.com • www.DARTPRO.COM