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Presto ± MIDI Sequencing for NeXT Computers

Presto is a revolutionary music application that seamlessly integrates MIDI sequencing and DSP (Digital Signal Processing) music synthesis. Paired with a MIDI interface, Presto allows NeXT users to record and play music using MIDI compatible keyboards and sound generators. Users without MIDI equipment or those wishing to expand their sound generation capabilities can use the NeXT computers DSP chip to

generate CD quality sound output. Presto provides a library of DSP synthesis descriptions called "voicings". These voicings include: piano, electric bass, strings, voice, woodwinds, and percussion instruments. Existing sounds can be modified to create new, custom sounds.

Presto's intuitive graphical interface takes full advantage of the NeXTstep environment. Drag-and-drop measure editing allows the user to move, copy, insert, merge or replace groups of measures. Note and MIDI controller editing can be performed either graphically or with the event-list editor. Transforms such as Quantize, Transpose, Velocity Adjust and TimeShift are provided, including a randomize option which can be used to "humanize" sequenced passages. Presto's multi-document support allows you to simultaneously edit multiple files and effortlessly transfer data between them.

"Presto is the first product on any platform to bring the full power of DSP synthesis to the world of sequencing." ± Dr. David Jaffe, Visiting Lecturer, Princeton University Music Department.

"Musicians wishes have finally come true with the release of the first MIDI sequencing software for the

NeXT. [Presto] combines expected features ... with innovations made possible by the NeXT environment."
± Lee Sherman, Contributing Editor, NeXTWORLD Magazine.

A listing of Presto's features is included with this letter. However, the best way to get a feel for what Presto can do is to use the program. A demo version is available from the NeXT FTP archives: cs.orst.edu and nova.cc.purdue.edu. You can also receive a demo copy of Presto via electronic mail (NeXT Mail format) by sending a request to info@pri.com or on floppy disk by sending \$5.00 US (refundable on purchase) to Pinnacle Research, Inc. at the enclosed address.

Thank you for your interest in Presto!

Sincerely ±

Ralph Zazula
President

Kevin Brain
Vice President

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Presto Features

General Features

- Unlimited number of Parts (Tracks)
- Unlimited number of Notes and MIDI Events
- 480 clicks (pulses)/quarter-note resolution
- SMPTE support
- DSP synthesis support with over 50 default voicings
- User loadable DSP synthesis voicings

- User loadable Transform modules
- User loadable real-time NoteFilters
- Real-time editing of most parameters
- Soundfile playback support

Interface

- Open multiple documents simultaneously
- Edit any document during playback
- Inspector panels for Part, Note and Controller parameters
- On-Line help facility
- Controls include: Play/Pause/Stop/Record/Rewind, Skip forward/backwards, Tempo and loop-range

Editing

- Cut/Copy/Paste Parts within or between documents

- Drag-and-drop measures with insert, merge, and replace
- Piano-roll style editing of notes
- Graphical editing of MIDI controller information
- Event-list editing of notes and controller events
- Keyboard and Mouse commands for commonly used editing functions
- Real-Time editing during playback allows you to hear changes as you make them

Transforms

- Dynamic-loading of Transform modules
- Source-code included for the standard Transforms: Transpose, Quantize, Velocity adjust, Time Shift, Crescendo/Decrescendo
- User definable NoteFilters allow the same functionality as Transforms but acting in real-time

Performance

- Start a performance from any point

- Loop over any range
- Adjust tempo in real-time
- Mute any track
- Endlessly loop any track
- Change MIDI Channel for any track during playback

Recording

- Record on all 16 MIDI channels simultaneously
- Loop recording, allowing you to record a difficult passage layer by layer
- Input quantization

MIDI

- MIDI Thru with rechannelize
- MIDI Filtering of Controller information
- MIDI RealTime Clock and Sys-Start/Stop can be transmitted

- SMPTE support

DSP Synthesis

- 16 independent DSP synthesis Instruments
- Support for all of the standard MusicKit SynthPatches
- User loadable SynthPatch subclasses
- Default library of over 50 SynthPatch voicings
- User loadable DSP synthesis voicings

Supported File Formats

- Standard MIDI File
- NeXT Score file
- NeXT Playscore file (optimized Score file format)

* Presto is currently being released in Beta form. Users purchasing a beta version of Presto will receive a FREE upgrade to v1.0

when it becomes available.

specifications subject to change without notice

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Pricing

Presto can be purchased for \$295. An educational price of \$225 applies to schools using the software in classrooms or labs, and to school faculty and staff. Students can purchase Presto for \$149. All users purchasing Beta versions of Presto will be entitled to a FREE upgrade to version 1.0 when it becomes available.

Product	Regular	Student	Educational
		Price	Price
			Price

Presto single-host license		\$295	\$149	\$225
NeXT compatible MIDI interfaces:				
1-MIDI IN, 2-OUT's		\$129	N/A	
2-MIDI IN's (with Merge), 1-OUT	\$199	N/A		

Ordering

Please send a check or money-order to:

Pinnacle Research, Inc.
4725 E. Sunrise Dr. #435
Tucson, AZ 85718

NOTE: Allow 5-7 business days for personal checks to be processed.

ARIZONA RESIDENTS ADD 5% STATE SALES TAX

Please send your mailing address and hostid number (obtained by saying "hostid" in a terminal shell) when ordering. You must send a photocopy of your student, faculty or staff ID (both sides please) to qualify for educational pricing.

You can receive your license key(s) via e-mail if you wish to avoid shipping costs and delays. You can use the license key to fully enable a demo version of Presto (obtained from us or an FTP site). the following shipping costs apply if you would like Presto shipped to you on floppy disk :

		Presto+ Presto INTERFACE		OVERSEAS
First-class mail:	\$3	N/A	N/A	
Second-day:	\$10	\$14		\$20 (2-3 days)
Overnight:	\$16	\$20		N/A

C.O.D. charge:	\$6	\$6	N/A
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