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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](http://cs.orst.edu) and [nova.cc.purdue.edu](http://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](mailto: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 ±



- User loadable DSP synthesis voicings
- \* User loadable Transform modules
- Real-time editing of most parameters

## **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

## **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

## **DSP Synthesis**





Presto is being offered for a limited time at the special introductory price of \$149, an incredible discount from the list price of \$295. Educational users (students or faculty/staff using the software in classrooms or labs) can purchase Presto at the introductory educational price of \$99. All users purchasing Beta versions of Presto will be entitled to a FREE upgrade to version 1.0 when it becomes available later in 1992.

<b>Product</b>			<b>Regular Price</b>	<b>Educational Price</b>
Presto single-host license	\$149		\$99	
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 an FTP site). the following shipping costs apply if you would like Presto shipped to you on floppy disk :

		<b>Presto</b>	<b>Presto+</b> <b>INTERFACE</b>	<b>OVERSEAS</b>
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