

Student Technology
Fiscal Year 2006-07

32,115.75 ✓

Dr. Jim McCrory: Approved Denied
Comment: _____

Signature: Jim McCrory Date: _____

Tim Chadbourne: Approved Denied
Comment: _____

Signature: TC Date: 8/23/06

Gary Gatch: Approved Denied
Comment: _____

Signature: Gary Gatch Date: 8/29/06

Dale Martin: Approved Denied
Comment: _____

Signature: _____ Date: _____

~~Dianne Hamilton~~
~~Tyron Tinnerello~~ Approved Denied
Comment: _____

Signature: TH Date: 8/24/06

**Student Technology Fee
Funding Request Form
Special Initiative Fiscal Year 2006-07
Northwestern State University of Louisiana**

**This document will not be accepted without complete information, detailed budget,
specifications of each piece of equipment requested and pricing.**

Prepared by: Dr. J. Mark Thompson, Professor of Music For: CAPA/Music

College: Liberal Arts Campus: Natchitoches Department: CAPA/Music

Where will requested equipment be located/installed/housed: Bldg. multiple: see proposal Room

Are property policies and procedures in place by the department for equipment requested. Y

Delivery to the Student Technology office located in Watson Library, Room 113. Date

1. Describe target audience.

All students attending Northwestern State University who are enrolled in music courses. Specifically, this is intended for students who are pursuing undergraduate and graduate degrees in Music Education and Music Performance. However, the CAPA Multimedia Lab is open to any NSU student indicating an interest in the music technologies available.

2. Describe project/initiative for which you are requesting funds.

This project addresses three areas of concern, in order of priority:

1. To enhance the Multimedia Lab's ability to serve the needs of the student population. Currently, the Multimedia Lab includes 25 workstations including 10 Macintosh and 14 older Gateway PC computers. Of these, only 2 of the Macintoshes are truly viable machines, and all 14 of the Gateways are approaching the end of their useful life. The purchase of 23 new Mac and PC workstations (includes one laptop PC), a network printer, 3 scanners, along with related software packages, would greatly enhance the Lab's ability to meet the students' needs. This lab upgrade would enhance the CAPA's ability to stay on the cutting edge of music technology.
2. To enhance the Magale Recital Hall Recording Studio's ability to serve the needs of the student population. Over the past few years, Student Technology funds have substantially helped bring the recording equipment used to the state-of-the-art. The final components needed to complete the studio's conversion include a high-end Mac Pro workstation, relevant software, a multi-function laser printer, a CD printer, an external hard drive for transferring files, and a stand-alone CD/DVD duplicator. These items would substantially reduce the time needed to record, master, and produce the roughly 150 performances that are recorded in both audio and video formats each year. These are archived in the Multimedia Lab, and copies of many of these performances are provided to students and ensemble directors for evaluation.
3. To enhance the ability of applied faculty and ensemble directors to record lessons, practice sessions, rehearsals, and other performances. Previously, STAT funds have been used to purchase portable CD recorders for CAPA. These have been met with great success, and CAPA would like to increase the number of available units available for use. The purchase of 4 additional units should satisfy the current needs of the department.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

- Objective 1. To enhance the CAPA Multimedia Lab to attract greater use by NSU students.
- Objective 2. To enhance the Magale Recital Hall Recording Studio's ability to serve the needs of the student population.
- Objective 3. To enhance CAPA's ability to offer introductory courses in Music Technology and Sound Recording.
- Objective 4. To enhance the ability of the applied faculty and ensemble directors to record lessons, practice sessions, rehearsals, and other performances.
- Objective 5. To add to an archive library of current and future CAPA Multimedia Lab holdings.

4. Indicate how each project objective will be evaluated.

Objective 1. The replacement of 8 Macs and 15 PCs in the lab will attract more students. Current versions of software will help bring the lab to the state-of-the-art. Comparing Multimedia Lab logs from before and after implementation will indicate the program success.

Objective 2. Roughly 150 performances are recorded in both audio and video formats annually. The time needed to record, master, and produce each recording will be significantly decreased with the new equipment requested. This will result in a more timely turnaround of the final product being delivered.

Objective 3. By bringing the Multimedia Lab and the Magale Recital Hall Recording Studio to the state-of-the-art, CAPA will be able to provide introductory instruction in a classroom setting within the Lab on Music Technology and Sound Recording. This includes music notation, sound editing, marching band charting, MIDI, and CD mastering. New course offerings and modification of existing courses will indicate success.

Objective 4. Students and faculty are constantly evaluating practice, rehearsals, and performances. The recorders will facilitate this process by making more of these sessions available for recording. Polling of faculty should indicate the level of usage.

Objective 5. The generation of archival CDs & DVDs will become self-evident. This is anticipated to be a five-year project for current holdings and ongoing for future recordings. A count of items archived should indicate progress and success.

5. If funded, which NSTEP (<http://www.nsula.edu/nstep/NSTEP.pdf>) objective will this funding of this project advance. How will funding of the project advance the University and College / unit technology plan?

- NSTEP Objective 1. To improve access to technology by students, faculty, and staff at Northwestern State University. By replacing Macs and PCs in the existing lab, students will be encouraged to use the local facilities rather than rely upon other labs or personally-owned equipment. The network switch accommodates the fiber uplink to CAPA and is part of NSU's Networking Plan.

- NSTEP Objective 2. To provide classrooms with updated technology and multimedia. With the addition of the new computers to the Multimedia Lab and Magale Recital Hall Recording Studio, technology-related courses will be made more viable. The CD recorders will enhance CAPA's ability to provide feedback to student performers and instructors/ensemble directors alike.

- NSTEP Objective 3. To upgrade student technology laboratories with modern technology. CAPA will replace outdated and unused hardware with 8 new Mac Pros and 15 PCs. A network laser printer and 3 scanners will also be added. Updated software packages will enhance the Lab and Recording Studio offerings.

- NSTEP Objective 8. To encourage innovation and research. By providing a state-of-the-art Multimedia Lab and Recording Booth for use by NSU students, faculty, and staff, innovation and research will be stimulated by the increased access to current music technologies.

6. Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

The replacement of outdated workstations in the Multimedia Lab would provide greater access for music students to complete their music-related projects. The software packages requested will help students with basic productivity, music notation, assistance with music theory and aural skills, audio and video editing, sequencing, CD/DVD mastering, among other things. The Recording Studio in the Magale Recital Hall is one of the most utilized performing venues on campus. Each year, nearly 150 performances are given, and all are audio recorded and many are video recorded. Because of the great number of recordings, there is often a backlog in the mastering and producing of related CDs and DVDs. Each one often takes three times the length of the program to complete. A high-end Mac Pro along with related software and printers would permit a timelier turnaround in the production of these recordings, all of which are archived in the Multimedia Lab. The Multimedia Lab is CAPA's internal library of music resources. Current holdings include 175 video tapes, 3,000+ LPs, 1,000+ CDs, and about 100 Laser Discs, as well as hundreds of uncataloged reel-to-reel, DAT, and cassette recordings. Of these, the taped items are the ones subject to the most damage through deterioration (roughly 10 years shelf-life, then the tape breaks or the magnetic data "bleeds" to create an irreparable sound shadow). The other media are also subject to wear through scratches, skips, and the like. The ability to make an archival backup of these items would help preserve the nearly 5,000 items held within the Lab. These archives would be made by trained student workers, who help staff the Lab. This would be part of their assigned duties. The Department of Creative and Performing Arts has been designated as a "Area of Excellence" by the Louisiana Board of Supervisors. It serves 1,806 NSU students each semester, of which 193 are music majors. The ability to access such a resource is paramount in the pursuit of a degree in music: to not have access to the greatest available performances or to not be able to compare musical styles from one time period to another would extremely curtail the students' ability to receive a high-quality education. The CD recorders requested would permit additional applied

faculty and ensemble directors the opportunity to record their students' lessons, rehearsals, and other performances. By updating the equipment currently in the Lab, CAPA would be able to enhance courses in music technology, sound recording, marching band charting, and other related activities. The integration of technology into the music curriculum is strongly encouraged by our accrediting agency, the National Association of Schools of Music.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Dr. J. Mark Thompson, Professor of Music, CAPA Technology Chair, PD

Mr. Masahito Kuroda, Instructor, CAPA Multimedia Lab Supervisor/Recording Engineer, Co-PD

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

NSU Information Systems and/or Student Technology will need to provide technical support in setting up the networking switch and cable and providing IP addresses for the new machines and a network printer. Ideally, telephone and network drops would be added to the Magale Recital Hall Recording Studio (25A/106E), though this is not essential at this time. The personnel mentioned in the section above are capable of supporting the balance of implementing this project/initiative. Student workers and graduate assistants who are assigned to the Multimedia Lab will be trained to convert the sound and video files to CD or DVD. Students who enroll in the Sound Recording class (MUS 4400) may be assigned projects to assist in this process.

9. Provide a schedule for implementation and evaluation.

September 2006

Proposal funded.

PD and Student Tech Support Specialist prepares and submits initial POs.

NSU begins purchase of hardware and software.

October 2006—January 2007

Materials received.

Telephone and network drops added to the Magale Recital Hall Recording Studio (25A/106E)

Installation of software onto Multimedia Lab workstations in 025/319. Incorporation into use is immediate.

Installation of software onto Magale Rec Hall Recording Studio workstation in 25A/106E. Incorporation into use is immediate.

CD Recorders received and assigned to applied faculty and ensemble directors as needed.

Outdated equipment in Multimedia Lab surplus.

February—May 2007

Lab personnel and graduate assistants trained on proper use of equipment.

Production and archival of CDs and DVDs continues.

Submit additional POs for any remaining equipment or software.

May 2007

PD evaluates pre-grant usage of Multimedia Lab to post-implementation usage by comparing lab records.

PD reports results to the Student Advisory Team.

CAPA Technology Committee reviews results and program is adjusted according findings.

August 2007

Faculty are given initial/refresher training on capabilities of the Multimedia Lab during pre-semester in-service meetings, and they are encouraged to incorporate the use of the Lab within their courses when feasible

Full implementation of the proposal.

Fall 2007 and beyond

Continued archival of Multimedia Lab holdings and new recordings of local performances.

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10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

All this technology is expected to remain current for the next five years. Software updates may become necessary as new features are developed. Additional blank media will need to be purchased as necessary.

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11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Tech Fee grant.

The Multimedia Lab (025/319) is secured by three electronic locks. Access is strictly limited to administrators of the Lab, and Student Works are issued fobs with access limited only to hours of operation of the Lab. Access to the Magale Recital Hall Recording Booth (25A/106E) is limited to the Recording Engineer and the very few Student Workers (1-3) that assist with recording—this room has an electronic lock. This room is accessed only after gaining admittance to the Magale Recital Hall, which is also controlled by an electronic lock. The CD recorders will be issued to faculty members, whose offices/studios are locked by a key. Additional recorders not issued to faculty, but available for checkout, will be housed in 319A, which is accessed only by faculty administrators or student workers of the Multimedia Lab. Checkout of these items will be for a limited period of time, and by retaining student ID as collateral.

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12. Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment. **All of the information requested must be attached or the request will not be accepted.**

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13. Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).
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STAT Special Initiative 2006 Budget Request

CAPA—Music (Dr. J. Mark Thompson, Professor of Music, x. 5791)

“Enhancement of the Multimedia Lab through Computer, Software, and Related Hardware Purchase, Completing the Magale Recital Hall Recording Studio, and Enhancing CD Recording Capabilities”

COMPONENT 1—MULTIMEDIA LAB (025/319) ENHANCEMENT

Item	Description	Qty	Unit	Total
★ Mac Pro	Mac Pro w/two 2 GHz Dual-Core Intel Xeon processors, 1 GB RAM, 250GB HD, 500GB HD (2d drive), nVidia GeForce 7300 DVI, 2 SuperDrives, Apple Kybd & Mighty Mouse, Mac OS X, and Logic Express preinstalled (see Apple Web Proposal Number W22280747)	8	\$2,578	\$20,624
★ Monitor (Mac)	Apple Cinema Display (20" flat panel) (see Apple Web Proposal Number W22280747)	8	649	5,192
★ Dell PC Wkstns	Dell Precision Wkstn 390 w/2.13 GHz Intel Core®2 Duo E6400 Processor, Mini-Tower Chassis w/1394 Card, 1GB 667MHz RAM, 320GB HD, 128MB PCIe x16 nVidia Quadro NVS 285, Dual DVI or Dual VGA Capable, 48XCDRW AND 16XDVD+/-RW, w /Cyberlink PowerDVD & Roxio Creator, Dell USB Kybd & 2-button optical mouse, Win XP Pro, Dell AS501 Sound Bar, 20" UltraSharp 2007FP Digital Flat Panel Monitor VGA/DVI, and 4-yr standard plan (Next Bus Day onsite w/Gold Tech Spt) (see Dell quote attached)	14	2,254	31,556
★ Dell PC Laptop	Dell Latitude D820 w/2.00 GHz Intel® Core Duo T2500 Processor, 1GB 667MHzRAM, 80GB 7200RPM HD, 15.4" Wide Screen WXGA LCD Panel, internal kybd & std touchpad, Win XP Pro, 24x CD-RW/DVD w /Cyberlink Power DVD, 90W A/C Adapter, Dell A225 two-piece stereo speaker system, Intel 3945 card (wireless LAN), quick reference guide, 6-cell primary battery, ComputracePlus-4 yr, Kensington Saddlebag Pro case, Belkin 2-outlet notebook surge protector, Kensington universal key lock, and 4-yr standard plan (Next Bus Day onsite w/Gold Tech Spt) (see Dell quote attached)	1	2,242	2,242
★ Printer	hp LaserJet 2430dtn Printer (Q5962A#ABA) (www.hp.com)	1	1150	1150
★ Scanner	Canon CanoScan 8400F Flatbed Color Image Scanner (CDW-G)	3	165	495
★ Office Mac	Office Mac All Languages Lic/SA Pack MVL (731-00513) includes license & 3-yr software assurance (SHI Microsoft agreement)	8	80	640
★ Office Mac	Office Mac 2004 w/SP2 English Disk Kit MVL CD (731-01373) (SHI Microsoft agreement)	2	25	50
★ Win XP Pro	Windows XP Professional All Languages Regular Lic/SA Pack MVL includes license & 3-yr software assurance (Microsoft agreement)***PLEASE NOTE: SHI does not currently have a means to license Win XP Pro for the Macs with Intel chips—this price can be considered an estimate only	8	101	808
★ Win XP Pro	Windows XP Professional All Languages Upg/SA Pack MVL (E85-00350) includes license & 3-yr software assurance (SHI Microsoft agreement) (for PCs)	15	101	1,515

Win XP Pro	Windows XP Professional Disk Kit (E85-01172) (SHI Microsoft agreement)	2	25	50	
Antivirus (Mac)	Norton Antivirus for Mac, v.10.0, complt pkg CDW-G	10	56	560	
★ CD Burning	Roxio Toast Titanium 7 for Mac-license (Mfg Part# VLPT7TB0) (CDW-G)	8	70	560	✓
★ CD Burning	Roxio Toast Titanium 7 for Mac-media (Mfg Part#221000VLP) (CDW-G)	2	30	60	✓
★ Acrobat Mac	Adobe Acrobat Professional v 7.0-TLP Educ, Mac (SHI Microsoft agreement)	1	141	141	✓
★ Acrobat Win/Mac	Adobe Acrobat Professional 2 yr upgrade plan, Win/Mac	3	27	81	✓
★ Acrobat Mac	Adobe Acrobat Professional v 7.0- media & doc, CD, Mac EDU (SHI Microsoft agreement)	1	19	19	✓
★ Practica Musica	Practica Musica 5 Site Edition Upgrade CD-ROM Edition (30-user) (www.ars-nova.com)	1	200	200	✓
★ Cakewalk	Cakewalk SONAR Home Studio 4 XL (www.sweetwater.com)	6	160	960	✓
★ Samplitude	Magix Samplitude V8 Master Mastering Software (www.musiciansfriend.com)	6	300	1,800	✓
★ Office Pro Win	Office Pro Win32 All Languages Lic/SA Pack MVL (269-05623) includes license & 3-yr software assurance (SHI Microsoft agreement)	15	96	1,440	✓
Office Pro Win	Office Pro XP Win32 English Disk Kit MVL CD MLF (269-06617) (SHI Microsoft agreement)	2	25	50	
Antivirus (PC)	Norton Antivirus 2006 Win complt pkg (CDW-G)	15	37	555	
★ Acrobat Win	Adobe Acrobat Professional v 7.0-TLP Educ, Win (SHI Microsoft agreement)	2	142	284	✓
★ Acrobat Win	Adobe Acrobat Professional v 7.0- media & doc, CD, Win EDU (SHI Microsoft agreement)	1	19	19	✓
★ Pyware	Pyware 3d Java 4.0-lab pack Upgrade current 5-user lab pack: \$289 Purchase additional 5-user labpack: \$999 Upgrade Instructor software: \$189 *can work out lesser price—www.wwwbw.com shows labpack for \$850—don't know other vendors, but will find out if approved	1	1,477	1,477	
★ Sibelius	Sibelius Pro 4 and PhotoScore Pro 2 Bundle (www.wwwbw.com)	1	615	615	✓
★ SmartScore	SmartScore Pro scanning software to convert music for use with Finale (NSU has Finale site license) (www.wwwbw.com)	3	245	735	✓
★ GarageBand	GarageBand Jam Pack: Symphony Orchestra (www.apple.com) (to accompany pre-installed Logic software on 1 Mac)	1	99	99	
★ GarageBand	GarageBand Jam Pack: Rhythm Section (www.apple.com) (to accompany pre-installed Logic software on 1 Mac)	1	99	99	
★ GarageBand	GarageBand Jam Pack: World Music (www.apple.com) (to accompany pre-installed Logic software on 1 Mac)	1	99	99	

SUB-TOTAL, COMPONENT 1

\$74,175

COMPONENT 2—RECORDING BOOTH (25A/106E) ENHANCEMENT

Item	Description	Qty	Unit	Total
Mac Pro	Mac Pro w/ two 3 GHz Dual-Core Intel Xeon processors, 2 GB RAM, 500GB HD, nVidia GeForce 7300 DVI, 2 SuperDrives, Apple Kybd & Mighty Mouse, and Mac OS X (see Apple Web Proposal Number W22280477)	1	\$3,559	\$3,559
Monitors (Mac)	Apple Cinema HD Display (23" flat panel) (see Apple Web Proposal Number W22280477)	2	899	1,798

JUSTIFICATION

COMPONENT 1—MULTIMEDIA LAB (025/319)

The Multimedia Lab is an important resource for CAPA. It houses all recordings for the school in addition to the computer workstations. The 8 Mac G3 machines are 7 years old, and the Gateways are 5 years old—all have reached the effective end of their usable life. A Dell Laptop is requested to replace the existing rollcart workstation, used as a portable multimedia presentation station—the laptop will provide added flexibility when other multimedia items are present in remote locations. In addition, the workgroup printer has served the department well; however, increased demand has placed a burden on the present unit. Replacing this unit with the Hewlett-Packard will provide a faster print job with duplexing capabilities, and the replacement toner cartridges retail about 1/3 less than the Xerox cartridges. The Lab has never had decent scanners, and demand for scanning music into files and for use in music composition has increased. Therefore, we are requesting 3 Canon scanners (rated 4-mice by Macworld) and scanning software related to Finale, a music composition software package for which CAPA holds a site license. Also, Sibelius, a competing software package, has gained some following in recent years, and CAPA needs one copy, along with its exclusive related scanning package as well (PhotoScore), to keep up with the industry.

Standard productivity and antivirus software is being requested, along with a very few copies of Acrobat Pro (1 Mac, 2 Win). Regular Win XP Pro licenses and software agreements are needed to install Windows on the Macs; upgrade licenses are necessary for the PCs—this will enable FREE upgrades in the operating system for the next three years (i.e., Vista). Additional music-specific software includes Practica Musica (music theory), Cakewalk and Samplitude (audio production), Pyware 3D Java (marching band charting), and 3 GarageBand Jam Packs (sound samples for use with music production). These packages are essential for the continued high-quality offerings that CAPA maintains—few other schools have such a resource as the Multimedia Lab. It is a sparkling gem among music labs in Louisiana and the South, and one of the factors in CAPA attaining the “Area of Excellence” designation by the Louisiana Boards of Supervisors. In addition, this year marks the self-study phase of the national music accreditation through the National Association of Schools of Music, which will perform its on-site visit during the 2007-08 academic year. The integration of technology into the curriculum is strongly encouraged by NASM.

COMPONENT 2—MAGALE RECITAL HALL RECORDING STUDIO (25A/106E)

Approximately 150 performances are recorded in Magale Recital Hall each year in both audio and video formats.

In the past, recitals and performances have been recorded on a digital audio recorder, the recorder has been taken up to the 319 Lab and the performance has been dumped onto a lab computer, then the file has been mastered and burned to CD. This takes at least 3 times the length of a performance to do properly—averaging approximately 6 hours of production per recital. And this number is much greater for DVD video recordings. This

enhancement will permit faster production of the CDs (in many cases, the production will be made in real-time), saving considerable time and energy on behalf of the studio workers.

For video recording, much new equipment has been purchased through CAPA and STAT in the past few years to improve the ability to produce studio-quality recordings. The Mac Pro will include Final Cut Studio—a production-quality video-editing package that can master and produce DVD recordings. The external hard drive will allow for backups of work, and the occasional transfer of files between the Recording Booth and the Multimedia Lab, a considerable distance especially when transporting a computer or larger hard disk audio recorder.

The other software will permit basic productivity functions as well as accord CAPA the ability to offer the sound recording course in the Recording Studio, rather than in an instructor's office and/or the Multimedia Lab. The all-in-one Hewlett Packard printer will permit scanning and printing of program copies, general printing functions, and occasional copying without the need to save a file to disk, then take to the Multimedia Lab for printing, etc. The CD/DVD Printer is self-explanatory, but this small, dedicated device will facilitate the speedy labeling of CDs and DVDs directly on the disk, so the production time again is decreased.

The CD/DVD duplicator will help in the generation of the archival recordings for the Multimedia Lab as well as generating additional copies for student performers and ensemble directors. Currently, CAPA only owns a CD duplicator, with no direct ability to duplicate DVDs, and it is housed in the Multimedia Lab.

Mentioned in the proposal is the need for two drops to be added to this room: one phone and one network connection. These are highly desirable, as it would again enable the transfer of files more easily between networked computers.

COMPONENT 3—PORTABLE CD RECORDERS

Because of the previous success of the portable CD recorders purchased for CAPA by STAT, CAPA, and NEF funds, demand for these units has grown. A very measured enhancement of 4 additional units is requested, so that additional faculty members can use them either in their applied studios or to record their ensembles in rehearsal or when they perform in a venue other than Magale Recital Hall (e.g., conferences, tours, run-outs). These units are now offered in a more convenient “package”—previously, these kits have had to be put together piecemeal.

SUPPORT OF UNIVERSITY/COLLEGE/SCHOOL RESOURCES

8 Mac G3s and 14 Gateway machines are expected to be surplussed from the Multimedia Lab. Other equipment may be surplussed at a later time, possibly including one or two printers, older non-functioning scanners, etc. One PC, previously purchased with CAPA funds, may also be reassigned to the Recording Studio. No equipment from the Recording Studio is expected to be surplussed. None of the CD Recorders are replacing outdated equipment.

All blank CD and DVD media, storage cases, marking pens, labels, toner cartridges, thermal printing ribbons, paper, and other related supplies are the responsibility of CAPA.



NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

College of Liberal Arts
P. O. Box 5314

Telephone (318) 357-4330
FAX (318) 357-4255

August 14, 2006

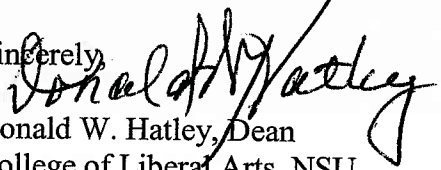
To Whom It May Concern:

It is my pleasure to write this Letter of Support for Dr. J. Mark Thompson's Student Technology Fee Special Initiative Grant. This grant is targeted primarily at the Music Division in the School of Creative and Performing Arts, a member of the College of Liberal Arts. Designated an "Area of Excellence" by the University of Louisiana Board of Supervisors, CAPA is responsible for offering and administering the Fine Arts 1040 course (required of all undergraduate majors) as well as all of the music courses.

This grant enhances the Music Division's Multimedia Lab, which is comprised of 25 Macintosh and Windows computers. This hybrid lab is a rare commodity on campus, but the hardware is woefully outdated. This grant will replace 23 computer systems with updated hardware and software, and add a new workgroup printer and scanners. In addition, the grant provides one additional high-end audio- & video-editing workstation with software and a printer to CAPA's Recording Room in the Magale Recital Hall, which provides state-of-the-art recordings of all performances in that venue. Finally, this grant enhances the ability to record rehearsals and student activities by providing ensemble directors and applied teachers with portable CD recorders. Previous grants have provided CAPA with several of these, and they have been an unqualified success. There is no doubt that CAPA needs these tools to enhance its ability to remain an "Area of Excellence."

Thank you for your time and consideration of this proposal. I give this request my fullest praise and support. I truly appreciate your past support of CAPA's endeavors, and I appreciate your interest in helping CAPA maintain its standing as an "Area of Excellence." Please let me know if I can be of further assistance.

Sincerely,


Donald W. Hatley, Dean
College of Liberal Arts, NSU



Your Proposal

Proposal Subtotal

\$25,816.00

Does not include
sales tax or rebates

*Please call the Apple Store at 800-800-2775 (Education) or
800-GO-APPLE (Government) if you have questions. Your proposal is
shown below for your reference.*

Proposer Information

J. Mark Thompson
Professor
CAPA/Music
State of Louisiana Education Store
thompsonjm@nsula.edu
(318)3575791

Web Proposal Number

W22347223

Comment

8 Mac Pros for 319 Multimedia Lab
Logic Express preinstalled

Items to be Ordered

Description	Part Number	Unit Price	Qty	Ext. Price
Mac Pro	Z0D8	\$2,578.00	8	\$20,624.00
2 x SuperDrives	065-6507			
Logic Express preinstalled	065-6686			
500GB 7200-rpm Serial ATA 3Gb/s	065-6745			
Apple Keyboard and Mighty Mouse - U.S. English	065-6287			
Accessory kit	065-6244			
Two 2GHz Dual-Core Intel Xeon	065-6355			
Mac OS X - U.S. English	065-6245			
1GB (2 x 512MB)	065-6357			
250GB 7200-rpm Serial ATA 3Gb/s	065-6409			
NVIDIA GeForce 7300 GT 256MB (single-link DVI/dual-link DVI)	065-6410			
Apple Cinema Display (20" flat panel)	M9177LL/A	\$649.00	8	\$5,192.00



Print this page Close

Dell recommends Windows® XP Professional

Print Summary



Dell Precision Workstation 390 - New!

From ~~\$2,441.00~~
Now from
\$2,254.00

Preliminary Ship Date: 8/28/2006¹

My Selections All Options

- Dell Precision Workstation 390 - New!

Date 8/18/2006 12:35:47 AM Central Standard Time
Catalog Number 25 Retail rc956904

Catalog Number / Description	Product Code	SKU	Id
Dell Precision Workstation 390:			
Intel™ Core®2 Duo E6400 2.13GHz/1066MHz/2MB L2/Dual-core/VT	321T2	[222-3399]	1
Operating System: Genuine Windows® XP Professional, SP2, No Media	XPP2NE	[420-4861]	11
Chassis Configuration and 1394: Mini-Tower Chassis Configuration w/ 1394 Card	MT1394	[311-6071]	2
Memory: 1GB, 667MHz, DDR2 SDRAM Memory, ECC (2 DIMMS)	1GE26	[311-6408]	3
Graphics Card: 128MB PCIe x16 nVidia Quadro NVS 285, Dual DVI or Dual VGA Capable	NV285DV	[320-4761]	6
File System: NTFS File System	NTFS	[420-3699]	27
Hard Drive Configuration: C1 All SATA drives, Non-RAID, 1 drive total configuration	SATA1	[341-3628]	9
Boot Hard Drive: 320GB SATA 3.0Gb/s with NCQ and 16MB DataBurst Cache™	320ST	[341-3794]	8

CD-ROM, DVD, and Read-Write Devices: 48XCDRW AND 16XDVD+/-RW, w/Cyberlink PowerDVD™ and Roxio Creator™	CDRM16	[313-4283]	16
Floppy Drive and Media Card Reader Options: No Floppy Drive	NFD	[341-3625]	10
Monitors: Dell 20 inch UltraSharp™ 2007FP Flat Panel, adjustable stand, VGA/DVI	2007FP	[320-4683]	5
Keyboard: USB Entry Quietkey, No Hot Keys	U	[310-7949]	4
Mouse: Dell USB 2-Button Optical Mouse with Scroll	LOB	[310-7958]	12
Mouse Pad: Mouse Pad	MPAD	[310-0007]	51
Speakers: Dell AS501 Sound Bar for all UltraSharp Flat Panel Displays	AS501	[313-4028]	18
Resource CD: No Resource CD	NORCD	[313-3673]	21
Hardware Support Services: 4 Year Standard Plan (Next Business Day onsite with Gold Tech Support)	PUB4YR	[461-3749][950-5803][970-2218][980-1370][984-1787][984-8487][984-8488]	29
Installation Services: No Onsite System Setup	NOINSTL	[900-9987]	32

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Latitude D820

From ~~\$2,405.45~~

Now from

\$2,241.71

Preliminary Ship Date: 8/25/2006¹

My Selections All Options

- Latitude D820

Date

8/18/2006 12:04:58 AM Central Standard Time

Catalog Number

25 Retail rc956904

Catalog Number / Description	Product Code	SKU	Id
Latitude D820:			
Intel® Core™ Duo T2500 (2.00GHz) 667Mhz Dual Core	D8220D	[222-1263]	1
LCDs:			
15.4 inch Wide Screen WXGA LCD Panel	15WX	[320-4609]	2
Memory:			
1.0GB, DDR2-667 SDRAM, 2 DIMMS	1G2D6	[311-5685]	3
Internal Keyboard:			
Internal English Keyboard	ENG	[310-7270]	4
Graphics:			
Intel® Integrated Graphics Media Accelerator 950	GMA950	[320-4614]	6
Hard Drives:			
80GB Hard Drive, 9.5MM, 7200RPM	80D72	[341-2980]	8
Touchpad Options:			
Standard Touchpad	TPAD	[310-7418]	9
Floppy Drive:			
No Floppy Drive	NFD	[340-8854]	10
Operating Systems:			
Genuine Windows® XP Professional, SP2, no media	XPPRO2N	[420-4794]	11
AC Adapter:			
90W A/C Adapter	90AC	[310-7284]	15
Module Bay Devices:			
24X CD-RW/DVD w/ Cyberlink PowerDVD™	24CMBO	[313-3881]	16

Speakers: Dell A225 Two Piece Stereo System	A225	[313-4298]	18
Wireless LAN (802.11): Intel® 3945 802.11a/g Dual-Band Mini Card	IPW3945	[430-1481]	19
Reference Guide: Quick Reference Guide	REF	[310-7430]	40
Batteries: 6 Cell Primary Battery	6C	[312-0389]	27
File System: NTFS File System for all Operating Systems	NTFS	[420-3699]	37
Resource CD: No Resource CD	NORCD	[313-3673]	26
Hardware Support Services: 4 Year Standard Plan (NBD onsite with Gold Tech Support and CompleteCare)	PUB4YR	[461-3749][900-4493][900-6233][900-6600][980-1509][983-2207][983-2217][984-1667]	29
Services- Absolute Asset Tracking/Security: ComputracePlus- 4 Year	CT4	[364-1191][364-7655][365-1245][365-1309]	351
Carrying Cases - Shipped Separately: KENSINGTON Saddlebag Pro Notebook Carrying Case	114743	[A0114743]	167
Power Protection: Belkin 2-outlet Notebook Surge Protector	381969	[A0381969]	78
Services- Locks/Accessories packed in System Box: Kensington Universal Key Lock- Black Cable (Man. Pt. 64068E)	64068E	[364-9793][365-2300]	350

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Canon

Canon CanoScan 8400F

Product ID

CDW Part: 660476
 Mfg. Part: 9554A002
 UNSPSC: 43211711

Product Pricing

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Overview **Specs** Accessories

Main Features

- 3200 x 6400 resolution; USB 2.0 interface

Powerful Scanning for Spectacular Results

The feature-rich CanoScan 8400F Color Image Scanner lets you produce superb high-speed scans of a wide range of materials. Now, you can easily scan valuable photos, important documents, books, old slides and even medium-format film. Your results? A spectacular 3200 x 6400 color dpi resolution (max.) and 48-bit color depth, for over 281 trillion possible colors. And thanks to its high-end image process and USB 2.0 Hi-Speed interface, this powerful scanner can provide super-fast image transfers to your computer, allowing you to see previews in approximately 2 seconds. For added convenience, four easy buttons - Scan, Copy, E-Mail and PDF - automate the scanning process, so your projectors can get done more quickly. Just position your original, select the use for the image, and in seconds it's ready to go.

Canon's Hyper CCD III System on the 8400F Scanner features a 3200 dpi

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Thread-Topic: SHI Quote 1792071, MS & Adobe
From: <Solange_Augeraud@shi.com>
To: <thompsonjm@nsula.edu>
Cc:
Subject: SHI Quote 1792071, MS & Adobe
Date: Fri, 18 Aug 2006 15:38:33 -0400
Importance: normal
Priority: normal
X-OriginalArrivalTime: 18 Aug 2006 19:38:33.0702 (UTC) FILETIME=[E428A060:01C6C2FD]



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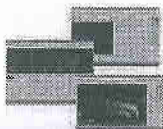
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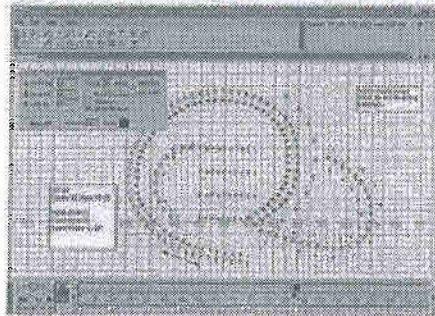
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Item# 121189

MODEL: QUANTITY: In StockList Price: ~~\$4,099.00~~

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The Worlds #1 Drill Design Software

3D Java, the worlds #1 drill design program will amaze even the most discriminating drill designer. This program combines innovative features with highly requested features contained in earlier versions. It offers ease, power and a familiar feel that any level or style drill designer will appreciate. Even those who are still doing drill by hand will see the benefits and time saving features of 3D Java!

Cross Compatibility

3D Java Drill files can be used on any computer type that runs 3D Java. For example, a 3D Java Drill file can be written on a PC computer yet used on 3D Java installed on a Macintosh computer and vice versa. 3D Java can operate on any computer that supports Java. 3D Java data files ARE NOT downward compatible to Original 3D and Virtual 3D.

Complete Control of Grid Design

3D Java contains a Grid Designer program that allows you to place grid lines anywhere on a grid. Designing any type of performance floor is possible. The grid designs can be saved as .GRD files and used in any 3D Java drill file

Perspective Window

The Perspective View is displayed continuously in a separate window while editing and animating. It can be viewed at any angle. Positions and props are displayed in 3D and color.

Internet Distribution Ready

Special Internet distribution features for professional drill designers. 3D Java Drill files can be locked internally to read only, not print, view first 80 counts, and display the designer information such as name and phone number. The customer can download from the internet and review a drill for purchase. Should they decide to purchase, the drill can be unlocked by the customer with a password provided by the drill designer.

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Sibelius is the complete software for writing, playing, printing and publishing music notation. It will make your life easier, save you time, produce fantastic results - and enable you to do things you might never have dreamed of, like publish your music on the Internet, or create your own CDs. And the advanced version of the PhotoScore scanning software can scan music into other MIDI software such as sequencers. You can even use it on its own to scan in, play back, transpose and print scores, and even save audio files.

product overview & specifications

Standard Features

- Auralia: Auralia offers complete ear training for ear training and aural tests.
- Groovy: NEW Groovy Music is a series of 3 exciting software programs for elementary school students ages 5 to 11. Fun to use, Groovy Music teaches the basics of sound, rhythm, pitch and composition using pictures and animation - progressing to the study of simple
- Musition: Musition is the complete software for learning and testing music theory.
- O-Generator: The simplest way to teach the fundamentals of music and composition.
- Sibelius Compass: Sibelius Compass is a unique program to help teachers teach composition and students learn how to compose. It includes lessons, worksheets and self-tests covering a wide range of topics, leading on to complete composition projects.
- Sibelius Instruments: Sibelius Instruments is the unique interactive encyclopedia of instruments, bands, orchestras and ensembles. It includes complete information on every orchestral and band instrument, with full details of their characteristics, how to write for them, and h
- Sibelius Notes: Sibelius Notes is a complete pack of educational resources to help you teach music in the classroom with Sibelius. Covering all school levels (K-12, Key Stages 1-4 and beyond), Notes contains ready-to-use exercises and worksheets on everything from notat
- Sibelius Starclass: Sibelius Starclass guides you through 180 exciting, ready-to-use lesson plans which support MENC and QCA standards. Starclass includes full explanations of musical concepts for non-specialist teachers, hundreds of music clips and printable pictures, and a
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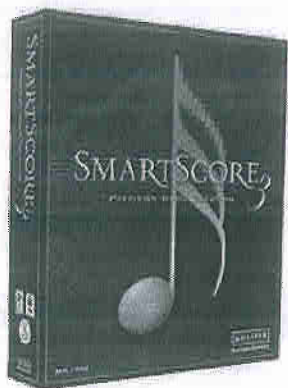
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product overview & specifications

SMARTSCORE

What It Does

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From the garage to the philharmonic.



GarageBand Jam Pack: Symphony Orchestra

With the newest member of the Jam Pack family you can conduct your own orchestra with new sounds for GarageBand, Logic, and Soundtrack. Create lush symphonic music with this collection of software instruments and loops, including strings, brass, woodwinds, percussion, piano, and more. From classical compositions to Hollywood-style scores to rock and hip-hop textures, with Jam Pack: Symphony Orchestra, you are the conductor.

Price: \$99.00

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Product Overview

Over 2000 Apple Loops

Build orchestral themes using over 2000 prerecorded loops in different styles and tempos, including symphonic, chamber, and solo performances. Or use loops individually to enhance songs in any genre.

Strings

Conduct an orchestral string section including first and second violins, violas, cellos, and double basses. Control the dynamics and expression of each instrument, as well as articulations such as staccato, tremolo, and trills.

Brass and Woodwinds

Arrange woodwind and brass sections with flutes, oboes, French horns, trumpets, trombones, tubas, and more. Play solo instruments or entire sections for a fuller sound. You can even control the playing style of individual instruments.

Keyboards and Percussion

Play new keyboards, including full church organs, a Steinway Piano, and harpsichord. Or enhance your song using a wide selection of pitched and unpitched percussion instruments including timpani, bells, gongs, celesta, xylophone, marimba, and more.

Customer Rating

★★★★★
Based on 8 reviews

Read the reviews

Share your opinions.

Write a review

System

Requirements

- Requires GarageBand (installed with iLife '04 or '05)*, Logic Express 7, or Logic Pro 7. Soundtrack supports Loops only in Jam Packs.
- Macintosh computer with G3 600MHz processor or higher to use Apple Loops (G4 or G5 required for software instruments)
- 256 MB of physical RAM
- A DVD optical drive (such as a Combo drive or SuperDrive)
- Mac OS X version 10.2.6 (Jaguar) or later
- 6 Gigabytes (GB) of free hard disk space

*Using a guitar, keyboard, or microphone with iLife '04 or '05 may require a USB or MIDI interface.

★★★★★ Based on 8 reviews

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Customer Reviews

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★★★

I'm disappointed...

Blah

Written by JG
July 26, 2006

There are no solo strings on here. So, if you were planning on having that wonderful, heart-wrenching solo violin to play the melody of your song, find a better program. This one sucks for it. They only have ensemble strings, w... Read more >

(4 of 5 people found this review useful)



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The world's best studio drummer.

GarageBand Jam Pack: Rhythm Section

GarageBand Jam Pack: Rhythm Section is an expansion pack of additional content for GarageBand and Logic. It extends the number of sounds available for creating music, providing even more creative options. Jam Pack: Rhythm Section provides rhythmic foundation for musicians, songwriters, and bands by providing the core building blocks of: drums, percussion, bass, and guitars in a variety of genres including rock, folk, jazz, country, and blues.

Price: \$99.00

Estimated Ship:
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The world's best studio drummer.

Lay down rhythm tracks with the ultimate backing band: an impressive array of drum kits, percussion, basses, guitars, and other essential instruments. From modern rock beats to country shuffles to pop grooves from around the world, Jam Pack: Rhythm Section gives you core elements to help construct your songs.

Product Overview

Over 2000 Apple Loops
Build unique tracks with loops for rock, blues, jazz, and country songs. Foundation elements include more than 1000 loops of drum beats and fills and 1000 more bass lines, guitar and keyboard riffs, and chord progressions.

Rhythm Kits

Play a variety of new software drum kits, covering everything from jazz brushes to classic 1970s studio sound to heavy metal. Rhythm Section also includes a wide range of percussion sounds like congas, bongos, shakers, steel drums, and more.

More bass

Choose from new, fully playable acoustic and electric basses covering some of the most popular studio tones. Whether you're into Motown sound, 1960s pop, or progressive and unplugged rock, Rhythm Section will hold down the low end.

Guitars Galore

Strum and pick from your keyboard using more than 10 playable guitars and other stringed instruments like dobro and banjo. Jam acoustic or electric, from fiery leads to rhythmic strumming and power chords.

Customer Rating
★★★★★
Based on 3 reviews
Read this review
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Write a review

System Requirements

- Requires GarageBand (installed with iLife '04 or '05)*, Logic Express 7, or Logic Pro 7. Soundtrack supports Loops only in Jam Packs.
 - Macintosh computer with G3 600MHz processor or higher to use Apple Loops (G4 or G5 required for software instruments)
 - 256 MB of physical RAM
 - A DVD optical drive (such as a Combo drive or SuperDrive)
 - Mac OS X version 10.2.6 (Jaguar) or later
 - 6 Gigabytes (GB) of free hard disk space
- *Using a guitar, keyboard, or microphone with iLife '04 or '05 may require a USB or MIDI interface.

★★★★★ Based on 3 reviews Write a review

Customer Reviews

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★★★★★
Solid Product
Written by CT
June 16, 2006
If you're looking for a wide variety of different instruments, look elsewhere. This product does however provide a laundry list of lead and bass guitars. Beneath the surface, the sculpting possibilities of each instrument's sound can be tweaked to name... Read more >
(20 of 22 people found this review useful)

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Travel the world in sound.

GarageBand Jam Pack: World Music

Jam Pack: World Music combines over 3000 Apple Loops and 40 Software Instruments in a collection that allows you to create music from virtually every region and genre in world. It's the easiest way to add exotic flavor to your GarageBand compositions, or add creative flair to projects in iMovie, iDVD and iPhoto.

Price: \$99.00

Estimated Ship:
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Product Overview

A world of music in your hands

Enjoy over 12GB of sounds and music performed by top musicians and meticulously recorded to capture the nuances and spirit of these incredible instruments.

Over 3,000 Apple Loops

Assemble intriguing musical compositions using a collection of over 3000 Apple Loops from nearly every corner of the globe. Rare and exotic instruments from Asia, Africa, the Middle East, India, Europe, the United Kingdom, South and Central America, Cuba and Jamaica.

More than 40 Software Instruments

With over 40 new software instruments, you can create your own songs and soundtracks that sound as if they were composed with authentic world instruments. These new instruments have extensive layers and articulations to re-create the realistic performances when played from a standard midi keyboard. Among the instruments now available:

- Exotic Strings: Ultra-realistic stringed instruments in a wide variety of shapes, sizes, and flavors, including Indian Sitar, Japanese Koto, Persian Santoor, Russian Balalaka, Spanish Flamenco Guitarr and more.
- Drum & Percussion Instruments: Five authentic world drum kits that incorporate the most relevant, interesting percussion from Asia, India/Middle East, Africa, Latin America, and European Folk.
- Ethnic Wind Instruments: Chinese, Japanese, Native American flutes, Highlands Bagpipes, Celtic Tin Whistle, Indian Shehjai Oboe, Peruvian Panpipes and much more.
- Other spectacular instruments include Afro-Cuban Upright Piano, Latin and Tango Accordions, South African Choirs, and Tibetan Singing Bowls.

Customer Rating

★★★★★
Based on 6 reviews

Read the reviews

Share your opinions

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System

Requirements

- A Macintosh computer with a PowerPC G4 or greater processor
- At least 512 megabytes (MB) of RAM; 1 gigabyte (GB) recommended
- Mac OS X version 10.3
- QuickTime 6.5.2 or higher
- DVD drive for installation
- 12 GB of available disk space available to install the World Music media
- GarageBand 2, Logic Express 7, or Logic Pro software; GarageBand Jam Pack: World Music is not fully supported if using GarageBand 1.

Based on 6 reviews

Write a review

Customer Reviews

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Newest

★★★★★

Not exactly.
Written by AM from Brooklyn
August 9, 2006

.Mac is definitely a great service, but allow me to correct a little misguided information.

It offers only a "sampler" of the Jam Packs, not the full versions. You get only a rough handful of the loops provided in each pack for free, and none of ... Read more >

(1 of 1 people found this review useful)

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★★★★★

Love it, but don't buy it
Written by JM from Leavenworth
July 31, 2006

I love these Jam Packs, but let me help you save some money. Get .mac instead. For the price of one Jam Pack, you get 1 GB of REALLY USEFUL online storage, great computer synching features, and the ability to download these (yes, all 4) Jam Packs. ... Read more >



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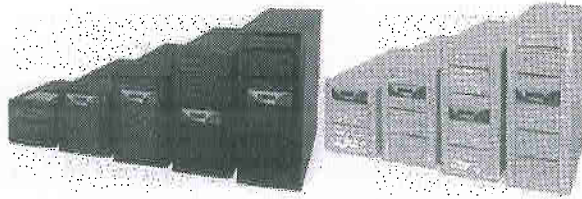
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- 480i Black Ink 203340-001 \$ 42.50



Primera Bravo II Publisher
100% Hands Free Production,
Totally Robotic, Automatic Operation.

- Hardware
 - Document Scanners
 - Xerox Scanners
 - Beal+Howell Scanners
 - Printers
 - DVD Burners
 - All CD/DVD Duplicators
 - 52x CD Duplicators
 - 16x DVD Duplicators
 - Pioneer Duplicators
 - Plextor Duplicators
 - 1-Target Duplicators
 - 3-Target Duplicators
 - 5-Target Duplicators
 - 7-Target Duplicators
 - 9-Target Duplicators
 - 11-Target Duplicators
 - Robotic Systems
 - Firewire PC Cards
 - Flash Memory
 - Ext. Enclosures
 - Ext. Cables

- Data Storage
 - Diskettes
 - Zip Disks
 - DAT Tapes
 - DLT Tapes

Manufacturers

- Avery
- Beal
- EDP
- Exabyte
- Full
- HP
- Imation
- Ionmega
- Maxell
- Maxoptix
- MAM-A
- Mitsui
- Neato
- NEC
- Optodisc
- Panasonic
- Phillips
- Pioneer
- Primera
- Princo
- Prodisc
- Quantum
- RiData
- Rimage
- Ritek
- Samsung
- Sandisk
- Sony
- Stomper
- Taiyo Yuden
- Landberg
- TDK
- Verbatim

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- Track Your Order
- Contact Us
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- DVD Media Answers
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- Free Label Templates

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Choose the Number of Target DVR-111D Drives (Required, Select Only One Model)

- One (1) Target DVR-111D Drive - \$289.00 (MSRP \$399.00)
 - Beige Face Black Face
- Two (2) Target DVR-111D Drives - \$359.00 (MSRP \$699.00)
 - Beige Face Black Face
- Three (3) Target DVR-111D Drives - \$419.00 (MSRP \$1,199.00)
 - Beige Face Black Face
- Four (4) Target DVR-111D Drives - \$559.00 (MSRP \$1,499.00)
 - Beige Face Black Face
- Five (5) Target DVR-111D Drives - \$619.00 (MSRP \$1,899.00)
 - Beige Face Black Face
- Six (6) Target DVR-111D Drives - \$699.00 (MSRP \$1,899.00)
 - Beige Face Black Face

\$80.00 INSTANT REBATE
 Was \$779, now \$80-Off!
 New! After our \$80.00 In-Store Instant Rebate,
 Your Final Cost is now only... \$699.00!

- Seven (7) Target DVR-111D Drives, was \$779.00, now only - \$699.00 (MSRP \$2,399.00)
 - Beige Face Black Face

- Eight (8) Target DVR-111D Drives - \$859.00 (MSRP \$2,399.00)
 - Beige Face Black Face
- Nine (9) Target DVR-111D Drives - \$999.00 (MSRP \$2,899.00)
 - Beige Face Black Face
- Ten (10) Target DVR-111D Drives - \$1,059.00 (MSRP \$3,299.00)
 - Beige Face Black Face
- Eleven (11) Target DVR-111D Drives - \$1,059.00 (MSRP \$3,499.00)
 - Beige Face Black Face

Optional Network Cards (Select Only One, If Desired)

- Firewire 1394/USB 2.0 Card - \$89.00
- USB 2.0 Card - \$49.00

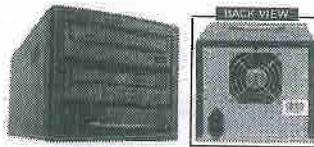
Optional Hard Drives (Select Only One, If Desired)

- 80 GB Hard Drive, Internal ATAPI EIDE - \$89.00
- 160 GB Hard Drive, Internal ATAPI EIDE - \$129.00
- 200 GB Hard Drive, Internal ATAPI EIDE - \$189.00
- 250 GB Hard Drive, Internal ATAPI EIDE - \$259.00

Make Selections Above & Click Button to Order

Description

Introducing our Americal high-performance stand-alone systems that support from 1 to 11 targets duplicating at 52x (CD) and 16x (DVD). These duplicator systems include a "Dynamic" hard drive partitioning system which creates a hard drive partition according to the size of each disc

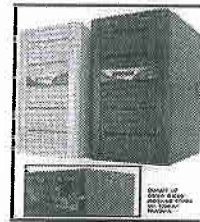


Inkjet CD-R & DVD±R Color Printer with 32x CD-R & 16x DVD±R Writer
 Retail at \$2,895 - Save \$700
 Now Only \$ 1,999

The complete CD/DVD production solution for small business, churches, video and audio producers, studios, musicians, and artists - duplicates and prints, fast and automatically! The **Bravo II Publisher** features Primera's superb color CD/DVD printer, and Pioneer's reliable DVR-108 DVD/CD Writer drive, with a 25 or 50-disc robotic system that lets you load it and walk away! Uses inkjet printable CD and DVD media, and high quality.

Choose either of two models:
Bravo II
Bravo II Printer
 In Stock, Ready to Ship!

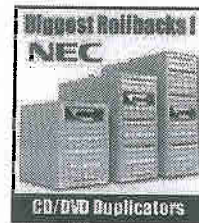
Plextor Duplicators



Plextor DVD Duplicators with PX-716A Drive, Up to 11 Target DVD Writer
BIG PRICE ROLLBACKS
 Now From \$ 325

With Plextor PX-716A drive. Duplicates all popular CD-R/W & DVD±R/W disc formats. Even burns new Dual Layer 8.5gb 4-hr DVD±R's.

Save Money & Time with Our BEST BUY Duplicators!



16x DVD Duplicator with NEC ND-3520A Drive, Automatic, 1x1 One to One OEM DVD Writer
BIG PRICE ROLLBACKS
 Now only \$ 276

Our BEST BUY DVD Duplicator! With NEC ND-3520A drive. Duplicates all popular CD-R/W & DVD±R/W disc formats. Even burns new Dual Layer 8.5gb 4-hr DVD±R's. Easy push button controls. Needs no software or computer - Fast, reliable and fully automatic...

image so no HDD space is wasted. These systems also feature a New Startup/Set-up Password Protection system which prevents unauthorized use of your duplicator. All of which is enclosed in a steel case and feature a screw-less thumbscrew design with two lift-off side panels. These durable cases are an ideal match for use with our high performance CD/DVD Duplicator Controllers and the combination makes them one of the fastest and most efficient duplicators on the market today.

Beginners and advance users alike will find the system useful because of its speed, accuracy and reliability. The easy-to-use interface can adjust easily to all personal work preferences and burn full length CD's and DVD's in a matter of minutes. Best of all, the auto startup display features can be set to work with what you use the copier most often for, including simple copy mode, test mode, verify mode, and copy & compare mode. Its multiple cooling fans and high-quality case make our tower the most reliable system available with its 100% Duty Cycle Performance. This advanced CD/DVD 16X tower is without a doubt the most powerful product in the duplication industry today!



Let Americal duplication systems serve as your solution for data backup, music, video duplications and much more!

Features

- Stand alone from 1 up to 11 target DVD±RW target fully standalone duplication systems
- New! Automatic CD/DVD Format recognition - Duplicator will automatically recognize format of source discs
- New! Innovative hard drive partition system automatically creates partitions for DVD and CD



Detail of Back Bay Access Panel on Tower Models



The New! XLNT X1440 Super Fast Inkjet CD-R & DVD±R Color Printer for Vivid, Brilliant Imprinted Discs!
Now Marked \$100 Off
Was \$249, now only \$149

When you need the fastest overall through-put without sacrificing quality, get today's fastest high quality color inkjet printer for your CDs and DVDs. Prints 4800DPI full color... for vivid, crystal clear images onto discs in an average of 18 seconds at 80% coverage, slightly longer for 100% coverage, even shorter for less coverage. Uses any **inkjet printable CD-R and DVD±R blank media**. Uses high quality Lexmark or Compatible Inkjet Printer Cartridges
In Stock, Ready to Ship!



52x CD Duplicator with Sony CD-RW Writer Drive Automatic, 1x1 One to One
Save \$150 Off Retail
Now only \$199

Our BEST BUY CD Duplicator! Duplicates all popular CD-R & CD-RW disc formats. Auto-recognizes master and target disc formats. Needs no software or computer - Fast, reliable and fully automatic...
Sony 1x1 CD Duplicator \$199
Sony 1x3 CD Duplicator \$449



Primera Signature Z1 Thermal CD-R & DVD±R Color Printer for Line Art Logos & Text
Using Waterproof, Solid Colors at High Speed & Low Cost
Starting as low as \$139

Makes vivid, clean edged, non-smear imprints in solid colors on up to 4 areas of standard shiny-top CDs or DVDs. Choose from black, red, blue or green Z1 thermal printer ribbons - just \$19.95 each, for up to 200 imprints!

For Windows XP/2000 only
Fast, affordable CD/DVD printing!



EPSON R320 Photo Stylus Inkjet CD-R & DVD±R Color Printer for Vivid, Brilliant Imprinted Discs!
Retail up to \$199.99

Now Only \$179.99

Epson Stylus Photo R320 High Resolution Direct-to-Disc Inkjet Printer, 5760 x 1440 DPI Resolution - Prints vivid photo realistic color images directly onto printable CD-R and DVD±R discs, no labels needed. The perfect companion for your digital camera. Get PC-Free printing with built-in memory card slots. Prints directly on ink jet printable CDs, DVDs. BorderFree: printing using six (6) money-saving individual color ink cartridges.

- images
- New! Image Name Editing to organize your files stored in the hard drive.
 - New! Bad Master Protection so you won't waste any more blank media due to bad master disc.
 - New! Account Management (Password protection for boot up and set up menu)
 - New! Auto-Counter Technology to manage total number of discs copied for each project
 - Supports DVD+R, DVD-R, DVD+RW, DVD-RW blank media formats
 - Automatically performs a self-test upon boot up
 - No cool down period between runs
 - Suitable for heavy production jobs
 - Able to set duplication speed to fit your needs
 - System is upgradeable via firmware
 - Copy, Test, Verify, and Compare functions available.
 - Intuitive user-friendly LCD display
 - Very easy to set up and use
 - Rigorously tested for performance
 - One year warranty and lifetime technical support.

Specifications

Model: Americal DVD/RW/CD Duplicator

Operating Type: Stand-alone

DVD Format: DVD-R, DVD-RW
DVD+R, DVD+RW

Targets: 1-11

Hard Drive: 80GB to 250GB Optional

Network Card: Firewire/USB 2.0 Optional

DVD Reader: IDE DVD- ROM

DVD Recorder: Pioneer DVD Writer

You buy only what you use for each color. Also doubles as a standard paper inkjet printer. Compatible with dozens of brand name and generic inkjet printable CD and DVD media. Uses high quality Epson or Compatible Inkjet Printer Cartridges. For Windows XP/2000 & MacOS 10 In Stock, Ready to Ship!



Fastest 16x NEC ND-3520A DVD+RW & CD-RW Writer Internal Computer Drive Starting as low as \$109
Today's fastest 16x DVD writing "CLV" performance. Burns regular 120-minute DVDs in as little as 6 minutes. Also achieves double speed recording - burns some 8x DVDs at 16x, and some 2.4x Dual Layer DVDs at 4x.
Super value price!



Fastest 52x LiteOn CD-RW Automatic CD Disc Duplicator Starting as low as \$189
Choose from 1, 3, 5, 7 and 9 drive models. Copies all popular CD-ROM, CD-R, and CD-RW disc formats. Auto senses master and target disc types. Easy front panel controls. No cool down delays between discs, no software to learn, no computer needed. Totally automatic duplication... all you do is feed it!
Our lowest ever prices!

Most Compatible DVD-R & DVD+R

- Most Compatible Media For Computer DVD Burners - Best on Top**
- Pro-Grade 8x DVD-R, from 85¢ Ship Free!
 - Pro-Grade 8x DVD+R, from 79¢ Ship Free!
 - Rittek 8x DVD-R, from 59¢ Ship Free!
 - Rittek 8x DVD+R, from 69¢ Ship Free!
 - Verbatim 8x DVD-R, from 99¢
 - Verbatim 8x DVD+R, from 69¢
 - Taiyo Yuden 4x DVD-R, from 35¢
 - Taiyo Yuden 8x DVD-R, from 69¢
 - Taiyo Yuden 8x DVD+R, from 69¢
 - Prodisc 8x DVD-R, from 37¢
 - Prodisc 8x DVD+R, from 37¢
 - OptoDisc 8x DVD+R, from 45¢
 - AZO 8x DVD-R, from 38¢ Ship Free!
 - AZO 4x DVD+R, from 39¢
 - Economy 4x DVD-R, from 25¢

- Most Compatible Media For Home DVD Recorders - Best on Top**
- Markable DVD-R, from \$1.09 Ship Free!
 - Standard White DVD-R, from 75¢
 - Taiyo Yuden Silver DVD-R, from 69¢
 - Taiyo Yuden Silver DVD+R, from 69¢
 - New! Beall 1x-2x-4x DVD-R, from 29¢
- >> Check Your Machine - to see which format it can use - DVD-R "general", or DVD+R "plus", or both types.



Genuine Epson Brand Inkjet Printer Ink Cartridges for Most Epson Printers

Buffer Memory: 32MB buffer cache. 8MB for single duplicator

Max Writing Speed: 16X DVD+R, 8X DVD+RW, 4X DVD+R DL, 16X DVD-R, 6X DVD-RW, 40X CD-R, 24X CD-RW

Display: LCD

DVD/CD Read Formats Supported: DVD-ROM, DVD-Video, DVD-Audio
DVD-R, DVD-RW
DVD+R, DVD+RW
Mode 1: CD-ROM, CD-I
Multi-session CD, CD-Plus
Business Card CD-R, 3"
Mini CD-R

DVD/CD Write Formats Supported: DVD+R, DVD+RW
DVD-R, DVD-RW
Business Card CD-R, 3"
Mini CD-R
Orange Book standard 74 min/80 min CD-R/RW

Burn Proof: Yes

Power Supply: Input: 90 ~ 260V AC

Operating Humidity: 20% ~ 80%

Temperature: 40°C (104°F) / 5°C (41°F)

Regulation: FCC, CE

Save up to 20% Off!
Epson inkjet cartridges feature their patented super fine ink particle sizes - down to 4 picoliters - able to penetrate and bond evenly on more surfaces. We stock most **Epson Inkjet Cartridges** up to 20% off, for their popular Stylus Photo and other inkjet printers. We also stock their most popular **Epson Black Fabric Ribbons for Impact Printers** up to 20% off - all are guaranteed to be 100% genuine Epson brand products!

Buy Now Make Selections Above & Click Button to Order

Return Policy: This item may only be returned for a replacement of the same make/model within 30 days.

* Orders in by 5 p.m. Eastern Time are shipped the same day on over 90% of our product catalog. Ordered products must be in stock at time of order and are subject to back orders or delays, if oversold. Delayed or back orders are notified by email. In stock status shown is updated once every 24 hours. Call if you need info on immediate shipping availability -- 800-288-8025 during business hours Mon-Fri, 8am-4pm Pacific.



CD/DVD Printer

Signature Z1
CD/DVD PRINTER

**Prints Directly on
CDs and DVDs!**

- Easy To Use
- USB Interface
- Print Up To Four Areas
- Print Text and Graphics
- Includes Cables and Design Software

Technical Specifications

Print Method:	Thermal transfer
Resolution:	200 dpi
Ribbons:	One black ribbon included (optional red, blue and green ribbons)
Speed:	About 26 seconds per print area
Minimum System Requirements:	<ul style="list-style-type: none">• Windows XP/2000 or Higher• Pentium® III Processor, 266 MHz or Higher• 128MB Memory Minimum• 100MB Free Hard Drive Space• CD-ROM or DVD-ROM Drive
Power:	110/220VAC, 14.4 watts
Dimensions:	9.25"W x 2.78"H x 7.48"D (235mmW x 70mmH x 184mmD)
Weight:	2.2 lbs. (1kg)
Warranty:	One year parts and labor

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Print Directly Onto CDs and DVDs

Print directly onto the surface of your discs with tough, waterproof, thermal transfer ink. Ribbons are available in black or several optional colors.

Easy To Use

Simply install the included label design software, enter your information and print.

Many Applications

Professionally label your music, video, data and photo CDs and DVDs. Use the printer at your home, school, church or office – anywhere you burn discs.

No More Sticky Labels or Marking Pens

You'll never have to use sticky labels (expensive, hard to apply and potentially damaging to players) or a marking pen (not very professional looking) ever again!

Text, Graphics and Logos

Use any font that's already on your PC. Upload graphics and logos. Discs are automatically rotated to print in any of four different areas on blank CD-Rs, DVD-Rs or DVD+Rs.

USB Interface

Get up and running quickly with the USB 1.1/2.0 interface to your Windows®-based PC.

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Primera Signature Z1 CD/DVD Printer

Product ID
CDW Part: 673074
Mfg. Part: 56300
UNSPSC: 43212113

Product Pricing

Price: **\$139.64**

Qty:

- Explore Product
- Send To An Associate >
- Find Similar Products >

Availability:
In stock and ready for shipment
Ships same day if ordered before 4 p.m. CT

Overview **Specs** Accessories

Main Features

- CD/DVD printer

Print Directly Onto CDs and DVDs

Print directly onto the surface of your discs with tough, waterproof, thermal transfer ink. Ribbons are available in black or several optional colors.

Easy To Use

Simply install the included label design software, enter your information and print.

Many Applications

Professionally label your music, video, data and photo CDs and DVDs. Use the printer at your home, school, church or office - anywhere you burn discs.

No More Sticky Labels or Marking Pens

You'll never have to use sticky labels (expensive, hard to apply and potentially damaging to players) or a marking pen (not very professional looking) ever again!

Text, Graphics and Logos

Use any font that's already on your PC. Upload graphics and logos. Discs are

- CDW-G SITE MAP
- PRINTABLE VERSION



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The Director CD Recording Package (PSD340)

Product ID: Director

Description: The Director System Includes: • PSD340 (w/ 48V phantom power) • 2 Audix UEM81C condenser mics • 2 Quick-Loc mic stands • Hosa headphones • CA350 carry case with shoulder bag • 2 50' mic cables • 10 blank CD-R discs in jewel cases • 25' AC extension cord

Price: ~~\$1,749.00~~

Sale Price: \$1,499.00

Savings: \$250.00

Quantity:

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FARONICS

August 25, 2006

Attn: Alfred Ehlers
Northwestern State University
350 Sam Sibley Drive
Roy Hall, Room 206
Natchitoches, LA 71497

Dear Alfred,

Thank you for the opportunity to provide you with a quote for Faronics software.

Part #	Product	Qty	Cost	Extended
SWA0466	Deep Freeze Mac Workstation License (Education)	24	\$6.60	\$158.40
SWA0466MA	Deep Freeze Mac Maintenance Package (Education)	1	\$69.09	\$69.09
Total:				\$227.49

Future Maintenance on 24 DFEnt licenses commencing one year from date of purchase will be \$31.68

Please contact me if you have any questions or if you need any revisions made to this quote.

Sincerely,

Hart Dashevsky, B.A.
Account Manager
hdashevsky@faronics.com
Tel: 1-800-943-6422, Ext. 4047
Fax: 1-800-943-6488

Note: This quote is valid for 30 days.

16 - Jour. - 225 - \$105.
8 - CAPA - 319 - \$52.80

Tel: 800-943-6422 Fax: 800-943-6488

Student Technology Fee Special Initiative Modification Form

Equipment originally funded:

As written in grant application: Pyware 3D Java 4.0: upgrade current 5-user lab pack (\$289), purchase additional 5-user lab pack (\$999), and upgrade instructor software (\$189). TOTAL AWARD: \$1,477.

Reason for requested change in equipment originally funded:

There was a slight miscommunication of what CAPA/Music owned and what we actually needed. Upon further discussion with the Assoc Dir of Bands and with the Pyware company, I now have a clearer picture of what is needed. And it will cost substantially less. 1. upgrade current 5-user lab pack (\$289) is still good. 2. "upgrade instructor software" was not correct language. We had purchased a regular license that includes 2 installations [on earlier note I misread "inst." to mean "instructor" not "installation"!]. So we need to upgrade one regular license (2 installs) for \$189. 3. We do not need to purchase an additional 5-user lab pack, BUT we need to upgrade an older version of an unusual 6-user lab pack for \$639, saving \$360 off the grant award. CAPA apparently owns two other licenses that we may update at a later time (see attached).

STAT Chair: _____

Date: _____

Approval

Denied

For Coordinator

Department/Prepared by: CAPA/Music/Dr. J. Mark Thompson, x. 5791

JMT
10/11/06

From: "Mark Mullins" <Mark@pyware.com>
To: <thompsonjm@nsula.edu>
Subject: Pyware Upgrades
Date: Mon, 2 Oct 2006 16:44:14 -0500
X-Priority: 3 (Normal)
Importance: Normal
X-OriginalArrivalTime: 02 Oct 2006 21:44:20.0532 (UTC) FILETIME=[EB023F40:01C6E66B]

Mark,

Here's the list I compiled for Northwestern State. This shows every license of our programs that they own, and the pricing to upgrade each. The list is compiled by each program's 5 digit Serial Number.

upgrade ✓
28966: 1 Lab Pack (5 installs) of 3D Java Interactive, Version 3
-upgrade price: \$289

low ✓
36493: 1 Regular License (2 installs) of 3D Java Interactive, Version 3
-upgrade price: \$189

✓
27480: 1 Lab Pack (6 installs) of Virtual 3D
-upgrade price: \$639

31080: 1 Lab Pack (5 installs) of Virtual 3D *later*
-upgrade price: ~~\$639~~

25047: 1 Regular License (2 installs) of 3D *later*
-upgrade price: ~~\$539~~

As I mentioned earlier, Virtual 3D and 3D are our "dated" programs, which we are in the process of archiving – hence the more expensive price to upgrade. Both of these programs will not be supported on Windows Vista, expected to release later this year. 3D Java is the program we fully support, and recommend that you upgrade to. All prices listed are prices to upgrade straight to 3D Java, irregardless of the program you have.

If you have any other questions, feel free to get back in touch with me.

Thanks,

Mark Mullins
Pyware Customer Support

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.407 / Virus Database: 268.12.11/460 - Release Date: 10/1/2006