

FF ✓

Student Technology Fee Grant Funding Request Form
Northwestern State University of Louisiana

2006.023

Proposal Number
Committee # 1

Prepared by: Dr. Roger Held Department: Theatre

College or Unit: Liberal Arts Campus: Natchitoches Priority 2

Information Systems review by [Signature] Date 2/22/07

1. Describe target audience. (0 points) The target audience consists of several student circles. At the center of the target is a growing number of students specializing in the Theatre Design and Technology Concentration of the new Bachelor of Science Degree. These students will use the software requested in this grant in the execution of preliminary projects and in their senior thesis project. The next circle consists of students who use these programs in various classes including the new course in Computer Applications for Theatre. The outer ring of the target is comprised of all the students who attend theatre productions as the use of the programs will allow for more sophisticated sound, light, and design applications to enhance performance.

2. Describe project/initiative for which you are requesting funds. (10 points)

The project consists of the acquisition and installation of five computer programs which will be made available to students at seven stations in the Theatre Computer Lab located in room 126 of the Fredericks Building. The programs are: **Sound** - SFX (includes needed hardware and software, four pieces, to create a completely functional system and interface with present computers); **Lighting** - Vectorworks Spotlight 11; **Design** - Alias SketchBook Pro and Adobe Photo Shop.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project. (10 points)

The objectives of the project are three: to improve the quality of instruction, to encourage student use of technological improvements, and to improve the overall quality of student production and senior thesis projects.

4. Indicate how each project objective will be evaluated. (10 points)

The effectiveness of the project will be measured through 1) the improvements to the curriculum, 2) the use of the programs by students, and 3) the improved quality and sophistication of student design projects and Senior Thesis.

5. 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. (10 points)

Twenty percent of Theatre Majors are in the Design and Technology Concentration; in addition, all theatre majors take at least one course in Design. Some one hundred-ten students will use the programs at one time or another in their college careers and another twenty will make multiple-use of the programs in classes and for production projects. Department recruiting policy aims to increase the percentage of Design and Technology Students to thirty to thirty-five percent of the total students enrolled. As this goal is achieved the future demand for the programs will increase.

If students graduating in Theatre Design and Technology are going to be competitive in the marketplace and in applying to ranked graduate schools, they must be competent in the basic and specialized software common to the profession.

6. How will funding of the project advance the University and College / unit technology plan? Which NSTEP objective/s will this funding benefit? (15 points)

The Department Technology Plan of 2003-2004 outlines several steps to improve student access to and use of current computer technology. In 2004 -2005 the student computer lab was moved from the cramped office space it occupied to its present location. The room was remodeled including a new floor and door security. New computers have been installed and networked to printers and the plotter. The lab is now open twelve hours a day. All is ready for the next step; the acquisition of design software to support classes and student projects.

The proposal relates directly to NSTEP objectives one and three. Objective one is to improve student access to appropriate technology. Objective three is to upgrade student laboratories with the up-to-date technologies in support of their educational training. The acquisition of the listed software contributes to the achievement of both these objectives while supporting the Theatre's bid for renewed accreditation by the National Association of Schools of Theatre

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. (0 points)

The Theatre Design and Technology Faculty, Philip Kidd, Jessica Parr and Eric Marsh, are in charge for developing the class applications of the software, including the new Computer Applications course. Mr. Marsh as the Facility Manager will coordinate the installation of equipment and software.

All three faculty members hold terminal degrees in Theatre Design which certify their competency in lighting, sound, set, and costume design.

8. Describe any personnel (technical or otherwise) required to support the project/initiative. (5 points)

Other than the usual coordination with Information Systems, no specially trained personnel will be needed to install and operate the software.

9. Provide a schedule for implementation and evaluation. (5 points)

February 1	New Computer Application course will be submitted to CRC
March 1	Grant funded software ordered
May 1	Installation of software and beginning of faculty tutorial
Aug 15	Course, equipment and faculty ready to institute use of software in classes and production

The acquisition of the software will allow the new course in Computer Applications for the Theatre to be taught in the fall of 2006 and student assigned production projects will use the programs. If this is accomplished the first objective will be attained.

Students using the programs will be asked to log their use of the program for the next three years. If the number of students recording use of the program increases during that period, the second objective will be satisfied.

The last objective will be judged by the faculty supervising the student projects, as well as the students' responses to the question regarding the use of technology on the senior exit interviews. Again over the next three years an improvement should be seen in the students' portfolios for graduation.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years. (0 points)

The requested programs are currently state-of-the art and can be updated or upgraded as appropriate as improvements become available.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received. Equipment will not be purchased until an acceptable policy is in place to ensure equipment security. (15 points)

The computer lab exterior windows have been darkened and secured against entry. The hallway door windows have been covered with extruded steel mesh. The lab is locked when not in use. Use hours begin at 8:00 am, and the lab is secured at 10:00 pm each weekday. The laboratory doors are checked by the stage manager or faculty member on duty at the end of the business day (10:00 pm) and again by the building lock up crew.

- | | |
|-----|--|
| 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). (20 points) |
| 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). (0 points) |

12. Budget:

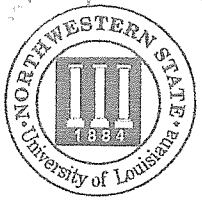
Sound -	SFX ProAudio	\$845.00 ✓
	SFX ProAudio DAW	\$2,999.00 ✓
	M-Audio FireWire 410	\$299.97 ✓
	M-Box 2 system	\$495.00 ✓
Lighting-	Vectorworks Spotlight 11	\$1,645.00 ✓
Design -	Alias SketchBook Pro	*\$89.99 ✓
	Adobe Photo Shop.	\$589.99 ✓
Total -		\$6,963.95

Prices are retail list unless otherwise noted. Discounts may be available at the time of purchase.

* Educational Price.

Specifications are provided on the attached pages and provide significant detail and possible vendors.

In terms of matching funds, the University invested several thousand dollars in the restoration of the laboratory space including the elimination of environmental hazards, and the Theatre Department Faculty and students painted the space. The Theatre Department has paid for security the laboratory.



NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

College of Liberal Arts
P. O. Box 5314

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

To: Jennifer Long,
Student Technology Fee Grant Coordinator

From: Donald Hatley, PhD
Dean, College of Liberal Arts

Date: 21 October 2005

RE: Theatre Proposals

The Theatre Department is submitting three projects to be funded. I concur with the need for the equipment specified and the priority given to the projects.

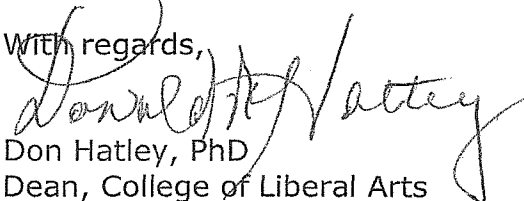
The first grant is for dress forms and safety equipment in the Costume shop. The safety equipment is of course a priority as protecting our students is essential. The Dress forms are particular important I because of the need to rebuild the costume collect. The collection was damaged by water in the basement of Frederick much of the materials had to be destroyed. So the need is greater than ever to build new costumes rather than reusing previously built items. To do the job well takes the right equipment.

The second grant request is for the software to update and upgrade the computer lab for theatre design students,. This is a priority for developing the design and technical part of the program. Having the appropriate programs available to students will help make the case for reaccrediting the Theatre program. Graduating from an accredited program benefits our students in seeking graduate schools and professional employment.

The third grant proposal seeks the funding of automated lighting instruments. *The acquisition of these instruments will make our Theatre Department the only program in the State that will have the capability to teach the use of "intelligent" lighting instruments. Again this helps our student have an edge of the competition at graduation.*

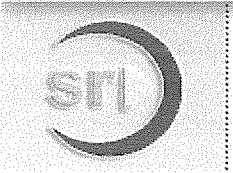
Thanks for good work to improve the education of our Liberal Arts Students.

With regards,


Don Hatley, PhD
Dean, College of Liberal Arts

stage > research

products store support training soundbytes contact about home



Products

SFX™ ProAudio expands upon the features and benefits of **SFX™ Standard**. The ProAudio edition includes sync playback of eight stereo effects in one WAVE cue, the ability to create loop points in WAVE cues and the ability to playback unlimited layers through unlimited channels of audio output. This heavy duty playback solution will meet all your needs to create rich sounding designs.

SFX:

Standard

ProAudio

Show Control

ProAudio/Show
ControlDigital Audio
WorkstationsAudio Interfaces/
Sound Cards

Audio Software

Lighting Software

Manuals/CDs/
Evaluations/
Effects/Misc

Books

•Online Store•
•Download Demo•
•Newsletter•

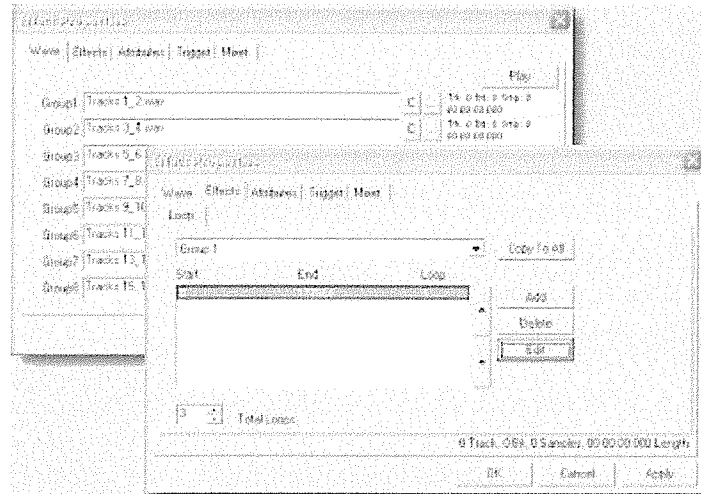
Used on and off Broadway and in professional theatres worldwide, SFX™ ProAudio is the canvas and tool that sound designers use today.

Features

- **Simultaneous Playback of unlimited Wave Effects***
- MIDI Sequence and MIDI Command Effects
- CD Audio Effect
- Fade Effect
- Wait and Autofollow Effect
- **Unlimited Stereo Outputs (16 channels per cue list) ***
- Multiple Cue Lists and Multiple Effect Lists per workspace
- Notes Window, GO Button, Cue Status Windows
- **Wave Effect loop points**

Minimum Requirements

- Microsoft Windows XP or Windows2000
- Pentium III 500Mhz
- CD-ROM drive
- 90 MB free hard drive space
- 256MB RAM
- DirectX 8.1/WDM



[View the SFX™ Overview](#)

Purchase: **SFX ProAudio \$845.00**

Total computer system: **SFX ProAudio DAW \$2,999.00**

compatible
sound card
● Parallel Port or
USB Port for
hardware key

*Limited by computer
resources and/or
hardware

Stage Research, Inc. • PO Box 670557 • Northfield OH 44067 • 888-267-0859 • 888-668-0751 Fax
Copyright © 2003 Stage Research Inc. • All Rights Reserved



- Win FREE Gear
- User Forums
- Careers
- InSync News

- Help / Policies
- Track an Order
- View Wish List
- Contact Us

Your Cart is Empty

(800) 222-4700

- RECORDING
- COMPUTER AUDIO
- GUITAR
- BASS
- KEYBOARD
- SOUNDWARE
- DRUMS
- LIVE SOUND
- DJ
- BOOKS/VIDEOS
- ACCESSORIES

SEARCH: [SHOP BY BRAND](#) [NOWShipping](#) [DEALZONE](#) [EXPERT Center](#) [SweetCare](#)

Computer Audio > Audio Interfaces > FireWire Audio Interfaces > M-Audio FireWire 410

M-Audio FireWire 410

4-in/10-out FireWire Audio/MIDI Interface with S/PDIF and Direct Surround Output



»CLICK TO ENLARGE



FREE SHIPPING!

ItemID: Firewire410
 Manufacturer: M-Audio
 Retail Price: \$399.95

SAVE \$99.98 (25%) WHEN YOU BUY TODAY!

SALE PRICE:

\$299.97

[Add the FireWire 410 to Your Wishlist](#)

Buy Now. Pay Later!
 Learn about Sweetwater's
 Special financing options.



CUSTOMERS ALSO BOUGHT...

- M-Audio FireWire 1814 Firewire Recording Interface
- M-Audio Pro Tools M-Powered Pro Tools M-Powered
- M-Audio FireWire Solo Firewire Recording Interface
- M-Audio FireWire Audiophile FireWire Audio/MIDI Interface

RESEARCH THIS PRODUCT:

- FireWire 410 Details:**
 - FireWire 410 Description
 - FireWire 410 Specs
 - (3) Additional FireWire 410 Images
- FireWire 410 Reviews:**
 - (4) Customer Reviews
 - Write Your Own Review

FIREWIRE 410 DESCRIPTION

Mobile & Affordable FireWire Recording!

FireWire 410 delivers powerful performance for FireWire compatible computers. Its 4-in/10-out configuration is perfect for personal recording where you build up tracks one at a time yet need multiple outputs. FireWire 410's ten outputs allow your computer-based recording system to behave more like a traditional analog recorder or sampler, where signals are bussed to multiple channels of an analog mixer or to multi-channel monitoring systems. Software-controlled DSP handles all internal routing and mixing. And FireWire bus-powered architecture also means that you have the flexibility of mobile operation for everything from field recording to tracking on the run.

M-Audio FireWire 410 Audio/MIDI Interface at a Glance:

- Four inputs and 10 outputs at 24-bit/96kHz
- Stereo D/A conversion at 24-bit/192kHz
- Two analog input channels with quality mic preamps
- Eight analog outputs plus S/PDIF digital I/O
- Surround ready outputs handle AC-3 and DTS formats
- Built-in digital mixer and patch bay
- MIDI I/O for connecting controllers and synths

Four inputs and 10 outputs at 24-bit/96kHz

FireWire 410 is a FireWire-compatible audio/MIDI interface that has it all-power, flexibility, compact size and low price. FireWire 410's 4-in/10-out configuration complete with preamps is perfect for personal recording, routing discrete outputs to a mixer, or directly driving a surround sound system. The on-board ASIO 2-compliant mixer and software control panel provide total routing flexibility-including monitoring with external effects. You also get ultra-low latency software monitoring and near-zero latency hardware direct monitoring with the FireWire 410 - and two headphone outs with independent level controls let you collaborate with a partner anywhere, anytime. FireWire 410 can even be completely bus-powered for total mobile operation (6-pin FireWire port required)

Stereo D/A conversion at 24-bit/192kHz

FireWire 410 uses the highest quality components for digital audio conversion, insuring that your music sounds its best. 24-bit/96kHz ADC combines with high-level design and software driver technology for optimal fidelity.

Have More Questions?

Call toll-free (800) 222-4700 or [click here to email a Sweetwater sales engineer about the M-Audio FireWire 410.](#)



The M-Audio FireWire 410 appears on page 52 of Sweetwater's ProGear Fall 2005 Directory.

[Get your FREE copy today!](#)

Stereo D/A conversion at 24-bit/192kHz

High-end audio formats such as DVD-Audio are delivering output at a stunning 192kHz sampling rate. If you're ready to take your critical listening to the next level, FireWire 410's ability to output 24-bit/192kHz fidelity in stereo will really open your ears. You also get high-resolution 96kHz audio from all outputs simultaneously with the FireWire 410.

Two analog input channels with quality mic preamps

The FireWire 410's two independent analog input channels accept a wide variety of input signals. A front-panel switch for each channel selects between 1/4" TS (-10dBV) line-level input on the rear and Neutrik (1/4" TS and balanced XLR) mic/instrument input on the front. Connect microphones, guitars, keyboards, samplers, CD players and more to the FireWire 410. The driver software allows you to route these internally to any analog or digital outputs.

Dual high-performance preamps

Each of the FireWire 410's two input channels incorporates award-winning M-Audio microphone/instrument preamp technology-complete with +48-volt phantom power for condenser mics. They offer up to 48dB of gain for instruments like guitar and bass-and an amazing 66dB of gain for microphones. The FireWire 410's 20dB pads, as well as signal and clip LEDs on each channel also aid in adjusting proper input signal levels. These preamps simply sound great no matter what you connect to them. FireWire bus-powered operation means that you can record anywhere your laptop goes.

Eight analog outputs plus S/PDIF digital I/O

The combination of eight 1/4" TS outputs and software-controlled routing and mixing on the FireWire 410 yield a tremendous amount of flexibility. This design is equally suited for routing individual signals to separate channels on an external mixer or directly driving the components of a surround sound system. Any output pair on the FireWire 410 can also produce high-definition 24-bit/192kHz signals for amazing sonic clarity. FireWire 410's flexible aux bus has a variety of uses. The aux sends allow you to monitor your inputs complete with external effects while tracking. You can also use them to create a separate monitor mix to route to a headphone amplifier to give an artist exactly the mix they need for those inspired takes.

Digital I/O

The FireWire 410 offers two channels of S/PDIF in and out to allow pristine transfers with other digital devices such as CD players, DATs and MiniDisc systems. The software control panel selects between rear-panel coaxial and Toslink optical inputs, as well as which signals are routed simultaneously to both digital outs. The FireWire 410's accompanying LEDs indicate valid data for both input and output. S/PDIF sample rates can either sync to external sources or operate at 44.1kHz, 48kHz or 96kHz.

Surround ready outputs handle AC-3 and DTS formats

The eight independent outputs on the FireWire 410 are ideal for directly driving a 7.1 surround sound system. The digital outputs also offer passthrough of AC-3 and DTS surround content to an external decoder.

Low-latency software monitoring

All software-based recording packages incur some amount of delay between input and output due to processing. Significant amounts of this delay-known as latency-can cause timing problems when recording overdubs. FireWire 410 uses extremely low-latency ASIO 2 and WDM drivers. The software control panel allows you to tailor the buffer size to the least delay possible for your CPU-as few as an unnoticeable 64 samples on fast processors.

Near-zero-latency hardware monitoring with effects

FireWire 410's advanced audio architecture allows you to directly monitor your inputs while recording with virtually no latency. Unlike most audio interfaces, you can even use the FireWire 410's aux bus to route the input signals through an external signal processor so that you can monitor with effects.

Built-in digital mixer and patch bay

The combination of the built-in DM1000 FireWire controller chip and DSP-embedded ARM chip provide full onboard mixing and routing capabilities via the FireWire 410's software control panel or your ASIO-2 compatible music software. Route any input to any output-analog or digital. Mix the FireWire 410's hardware inputs with software returns. Route to stereo effects via two mono aux sends per channel. Send the monitor mix to any output pairs. Route any audio stream to headphones.

MIDI I/O

In addition to audio, FireWire 410 also features a built-in 1 x 1 MIDI interface. A bypass switch also allows throughput from MIDI In to MIDI Out, allowing you to maintain gear connections even while the computer is off or busy with non-musical tasks. The included drivers are compatible with most popular MIDI software for both Mac and Windows.


M-Audio FireWire 410 Audio/MIDI Interface Features:

- 2 analog input channels each featuring:
 - mic/line inputs (balanced XLR and unbalanced 1/4")
 - preamp with level control, signal/clip LEDs and amazing available gain of 66dB
 - 48V phantom power (globally switched)
 - 20 dB pad
- 8 line outputs with signal/clip LEDs (unbalanced 1/4" @ -10dBV)
- stereo monitor level control
- 2-channel S/PDIF digital I/O (coaxial and optical, switched)

- 1 x 1 MIDI I/O with bypass for stand-alone operation
- 2 headphone outs with individual level controls (1/4" TRS)
- 2 FireWire high-speed ports for connection convenience
- low-latency software monitoring; zero-latency direct hardware monitoring
- AC3 and DTS surround support via digital output
- analog outs can directly drive up to 7.1 surround w/o decoder using included software bass management
- standalone operation via AC adapter

The M-Audio FireWire 410 offers a great studio solution for computer audio!

 [Tell a Friend About the FireWire 410!](#)

 [Print This Page](#)

More FireWire Audio Interfaces from M-Audio:

- [M-Audio FireWire Solo](#)
- [M-Audio FireWire Audiophile](#)
- [M-Audio FireWire 1814](#)

[View All Products from M-Audio](#)

Sweetwater Deals! Sign up for weekly email offers: [Unsubscribe | Learn More »](#)

About Sweetwater

- [Why Sweetwater](#)
- [Our History](#)
- [Customer Testimonials](#)
- [Press Releases](#)

Additional Services

- [Publications](#)
- [Gift Certificates](#)
- [Special Financing](#)
- [Sell Your Used Gear](#)

Benefits & Policies

- [Free Shipping on Most Orders](#)
- [Safe Shopping Guarantee](#)
- [Shipping & Delivery Times](#)
- [We Protect Your Privacy](#)

Customer Support

- [Track Your Order](#)
- [Return Policy](#)
- [Sweetcare 24/7 Support](#)
- [More...](#)

 FREE Publications from Sweetwater! Sign Up Today!	<i>Enter to</i> WIN! FREE GEAR! Enter Now!	 NO Payments NO Interest Until Summer 2006 Details
--	---	---

[Careers](#) | [Events & Seminars](#) | [Recording Studio](#) | [Trading Post](#) | [Download](#) | [Links](#) | [Site Map](#) | [Contact Us](#)

Sweetwater Sound, Inc.
5335 Bass Road
Fort Wayne, IN 46808

Toll-Free (800) 222-4700
Local (260) 432-8176
Fax (260) 432-1758

Hours: Mon-Thu 9-9, Fri 9-8, Sat 9-7 (Indiana Time)
Current Sweetwater time is 1:17 PM
[Get Directions](#)

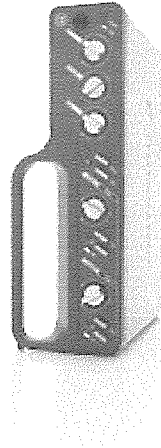
© 2005 Sweetwater Sound Inc. All rights reserved. [Privacy Policy](#)

Mbox 2 System Overview

Each Mbox 2™ system includes Pro Tools LE™ software, 37 DigiRack™ plug-ins, the Pro Tools Ignition Pack™, and the recently integrated 7 professional Bomb Factory® plug-ins.

Getting your Mbox 2 system up and running involves a quick, simple, four-step process. First, load your Pro Tools LE software onto your computer. Second, connect your Mbox 2 to your computer with the provided USB cable — this same USB connection powers your Mbox 2 and manages audio data transactions between your Mbox 2 and your computer. Third, connect your signal sources — mics, instrument cables, patch cords, MIDI cables, etc. — to your Mbox 2 interface. Lastly, launch Pro Tools LE software. At that point, you're ready to go. It's that simple.

US List Price: \$495



Click to enlarge

Mbox 2 Factory Bundle

For added creative processing options right out of the box, Digidesign presents the Mbox 2 Factory bundle — a complete Mbox 2 system plus a set of potent Digidesign and Bomb Factory plug-ins (a retail value of more than \$1,050!) with an iLok USB Smart Key that has those plug-ins preauthorized. Mbox 2 Factory plug-ins include:

- moogerfooger® Analog Delay
- JOEMEEK® SC2™ Photo Optical Compressor
- JOEMEEK VCS™ Meequalizer®
- Cosmonaut Voice™
- Digidesign® Maxim™

US List Price: \$595



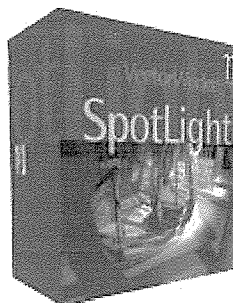


[VIEW CART CHECKOUT](#) [ORDER STATUS](#)

:: VectorWorks SPOTLIGHT 11

Search Products ?

at educational prices



[Home](#)

[How to Order](#)

- [Academic Proof Policies](#)
- [Shipping Rates](#)

[Products](#)

- [Manufacturers](#)
- [New Products](#)
- [Specials](#)
- [Free Catalog](#)

[Volume Licensing](#)

- [Request a Quote](#)

[Study Break](#)

- [Art Gallery](#)
- [Product Reviews](#)
- [Product Tutorials](#)

[Company Info](#)

- [Contact Us](#)

Great academic discounts are available for VectorWorks products!
Call us at 1.800.431.8713 or request VectorWorks academic pricing via email.

Please Note: Most Nemetschek products are only available for sale to schools and faculty/staff members where VectorWorks is used in a class. Students may only purchase the Industry Collection and training CDIs.

For all orders, please submit an [Information Form](#).

[Email this page](#)

Product	Availability	Part Number	Academic Price	Add to Cart
VectorWorks Spotlight 11 with RenderWorks MAC/WIN (call for academic pricing)	special order	NM25213	\$1645.00	<input type="button" value="add to cart"/>
VectorWorks Spotlight 11 with RenderWorks MAC/WIN Upgrade (call for academic pricing)	special order	NM25313	\$1645.00	<input type="button" value="add to cart"/>

[View Volume Licensing Prices for Nemetschek products.](#)

RECOMMENDED PRODUCTS

You may also be interested in the following products...

FOR MORE INFORMATION

- [Email a friend](#) about VectorWorks SPOTLIGHT 11.
- [List all Nemetschek products.](#)

• [Visit the Nemetschek website.](#)

PRODUCT DESCRIPTION

The undisputed standard in entertainment and lighting design software, VectorWorks SPOTLIGHT merges sophisticated 2D drafting and powerful 3D modeling with advanced lighting design and production tools. Now it's easy to create light plots, place set and scenic elements on stage, automate reports and schedules, and visualize design concepts in 3D.

VectorWorks SPOTLIGHT Features

Short Learning Curve

We understand that many designers have other responsibilities in addition to designing, and don't have a lot of time to learn new software. That's why SPOTLIGHT is developed to be easy to learn and easy to use. Whether you use CAD eight hours a day, or eight hours a week, with SPOTLIGHT, you'll be up and running in no time. And, should you need it, we'll be there with free technical support, training, and consulting services.

Precise 2D Drafting

SPOTLIGHT makes drafting on the computer just as easy as drafting with pencil and paper. With its intuitive interface and exclusive SmartCursor, you can easily create clean, precise, 2D plans and plots that suit your unique style and graphic standards.

Powerful 3D Modeling

SPOTLIGHT's robust modeling tools make it easy to explore, conceptualize, and visualize complex forms in 3D. With advanced NURBS surface and true solid modeling, you'll get powerful 3D functionality that previously could only be found in modeling programs costing much more. Please visit this page to learn more about VectorWorks' 3D capabilities.

Integrated Design Environment

SPOTLIGHT stores all of a project's information (2D plans, 3D models, data, and graphics) in a single file, making it easy to coordinate and manage any changes to your design. Don't waste time importing and exporting files to get the capabilities you need - SPOTLIGHT has it all.

Advanced Lighting, Accessory, and Set Objects

More than static symbols, "intelligent" objects make it easy to create and edit common design elements. With a few clicks of the mouse, you can easily place set and scenic objects such as lighting instruments, instrument accessories, curtains, and even straight and curved trusses. Plus, VectorWorks SPOTLIGHT tracks the data attached to lighting instruments, manages customizable labels, creates a key to instrumentation, and even displays light beams in 2D and 3D.

Tap into SPOTLIGHT's Object Libraries

With SPOTLIGHT, there's no need to purchase separate object libraries. You'll get access to hundreds of lighting instruments and

Free Gobo Library

SPOTLIGHT comes with a library of over 3,000 gobos from leading manufacturers like Apollo Designs, GAM, Lee, High End Systems, and Rosco. If you can't find what you need, you can easily create your own gobo from any image file.

DWG Is Only the Beginning

Easily integrate SPOTLIGHT into your firm, even if you already have a CAD system. A stable of import/export options, including DWG, IGS, STL, EPS, TIF, and JPG, makes it easy to share files between popular desktop publishing, presentation, analysis, and other CAD programs. Also, SPOTLIGHT allows you to exchange your data with programs like Lightwright, and then import it back into your design. SPOTLIGHT will automatically update your plots. Plus, because both the Macintosh and Windows version of SPOTLIGHT are created from the same core code, you can easily move VectorWorks files between Macintosh and Windows machines.

Completely Customizable

Easily customize your workspaces by configuring new tool palettes and menu commands, deleting unused ones, or rearranging their order and location. You can also assign, modify, or delete keyboard shortcuts for all tools and commands.

Plus, a complete, self-contained development environment named VectorScript is built right in. It's straightforward enough to be used by a beginner, yet powerful enough for even the most experienced CAD programmer. You can create everything from simple scripts that automate routine drafting tasks, to full-blown commercial applications!

Viewports

Advanced page layout features make it easy to arrange multiple views of your design on a single drawing sheet. Each view of the design, or "viewport," can have its own scale, orientation, projection, and rendering option - making it easy to create drawing sheets that are comprised of multiple views of your design. Viewports provide a new and powerful way to help coordinate your drawing sets. Viewports are created from, and linked to "master" design layers. If a design layer is changed, all the viewports in your drawing set are automatically updated. For added flexibility, viewports can be cropped by any shape and have the ability to be annotated separately, which makes creating detailed or enlarged plan views a very simple and straight-forward process.

Plug-in Renderworks

The perfect presentation tool, RenderWorks is seamlessly integrated into SPOTLIGHT to provide you with photo- and non-photo realistic rendering and animation. Here's just some of what RenderWorks has to offer:

- Library of over 1,250 pre-defined textures
- Procedural shader materials and effects
- Three different light types
- Photorealistic raytraced rendering technology modes

Non-photorealistic artistic rendering technology
Advanced texture mapping
Backgrounds
Image props
Weather effects
Macintosh and Windows support for QuickTime VR

SYSTEM REQUIREMENTS

Macintosh:

OS: OS 9.2.2 or later, Carbon Lib 1.5 or later; OS 10.1 or later
Processor: PowerPC G3 or newer
Other Hardware: CD-ROM drive
Other Software: Quicktime 6 or higher
Screen Resolution: 1024 x 768 (XGA)
Display Color Depth: 16 bit

Windows:

OS: Win 98 or later, Win NT or later
Processor: Pentium or newer
Other Hardware: CD-ROM drive
Other Software: Quicktime 6 or higher
Screen Resolution: 1024 x 768 (XGA)
Display Color Depth: 16 bit

VectorWorks:

RAM: 128MB
110 MB Free hard drive space

VectorWorks + RenderWorks

Ram: 256 MB
1 GB free hard drive space

VectorWorks ARCHITECT, LANDMARK, MECHANICAL, or SPOTLIGHT:

RAM: 256 MB
200 MB free hard drive space, 1.2 GB free hard drive space with Spotlight Gobo textures

VectorWorks ARCHITECT, LANDMARK, MECHANICAL, or SPOTLIGHT + RenderWorks

RAM: 256 MB
1 GB free hard drive space, 2 GB free hard drive space if installing Gobo Textures.

Please note, these are suggested minimum system requirements. In many cases, we recommend a significantly more capable machine than is described by the above minimum requirements.

[Home](#) | [Order](#) | [Products](#) | [Volume Licensing](#) | [Study Break](#) | [Company Info](#)

© 1994-2005 Creation Engine, Inc.
348 East Middlefield Road, Mountain View, CA 94043
Phone 800.431.8713 Fax 650.934.3234

Alias Products

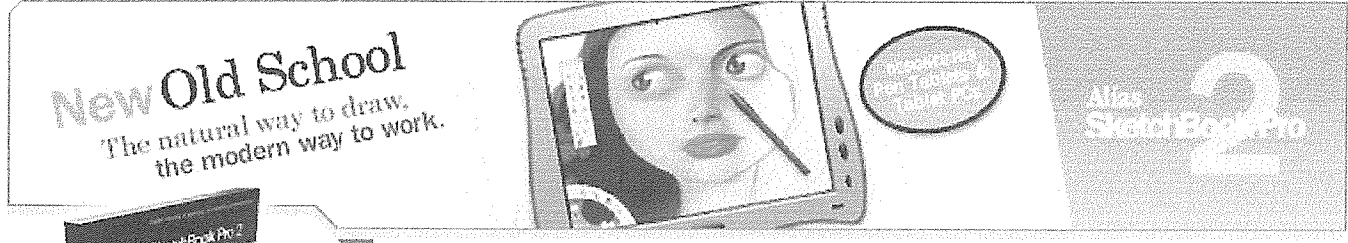
Global Sites ▾

PRODUCTS SERVICES DOWNLOADS SUPPORT EDUCATION COMMUNITY PURCHASE PARTNERS PRESS ABOUT ALIAS

LOG IN What is [member access?](#)

SEARCH

Location: [Home](#) / [Products](#) / Alias SketchBook Pro



The Natural Way to Draw, the Modern Way to Work

Award-winning Alias SketchBook™ Pro is a nimble, high-quality paint and drawing application designed specifically for use with Tablet PC or digitized pen tablets.

It features an artist-friendly, gesture-based user interface built around Alias' patented Marking Menu™ technology. With a flick of the stylus you can access any of the software's best-of-class tools: fast, reactive pencils, markers and brushes; pen driven layers; background templates; a 75-brushstroke undo/redo option, and a unique pan/zoom tool. With its well-designed, streamlined user interface and fast intuitive workflow you'll be able to start using Alias SketchBook Pro in a matter of minutes.

Discover why Alias SketchBook Pro is simply the best value in drawing software. [Download](#) the 15-day full feature trial or [buy](#) your copy today.

Available for Mac OS X © and Windows® XP and Windows 2000.

- [What's New in 2](#) ▾
- [Features](#) ▾
- [System Requirements](#) ▾
- [Testimonials](#) ▾
- [Gallery](#) ▾
- [Reviews](#) ▾
- [Technical Support](#) ▾
- [Related Hardware](#) ▾

\$179.00 USD

FREE TRIAL BUY NOW

\$79.00 USD

UPGRADE

\$89.99 USD
(Students and Educators)

BUY NOW

Alias SketchBook Pro 1.1 can render images and ideas with a minimum of fuss, allow full artistic flow without the distractions of a heavy manual or complex commands.

Rated 4.5/5
Nick Spence - Macworld



Alias SketchBook Pro wins again...
finalist
macworld
edys

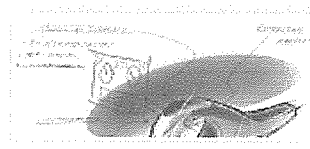
[See More Awards](#) ▾

Sketch. Annotate. Present. Use Alias® SketchBook™ Pro



Sketch Naturally

Ultra-responsive digital pencils, pens, markers and airbrushes look and feel just like the real thing. **"It frees me up quite a bit. It's a very natural feeling."** I. Huang



Annotate Instantly

One-click screen capture and fast annotation of images use non-destructive layers. **"This product streamlines paper out of the equation."** Gabe from Penny Arcade



Present and Refine Ideas Anywhere

Flick through sketch collections with clients and friends. Mark in your ideas as you go. **"This makes for a really new way to share ideas."** R. Walters



Focus on Your Art - Not Your Keyboard

Access the tools you need to start sketching right away. No need to switch from pen to keyboard back to pen. *"... an ingenious marriage of the classic artist's palette with the Tablet's input conventions."* Steve Smith, Laptop Magazine.

Resources

Penny Arcade Tutorial

Cartoonist Mike (Gabriel) Krahulik, the co-founder of the popular "Penny Arcade" comic strip and Web site finds Alias SketchBook Pro the perfect medium to capture his ideas from rough sketches through to finished art. He shows you how right here.

Sample Background Templates

[ZIP, 4.5MB] Background templates are multilayered TIF files to help you lay out your ideas. The set of images includes lines, grids, charts, graphs, calendars, timelines, storyboards, page layouts and more.

Add Background Templates

Own a copy of Alias SketchBook Pro software? You can download the complete library of background images.

User Discussions

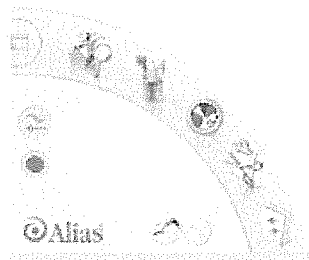
Our user discussions provide a forum for Alias SketchBook Pro users to share experiences.

FAQs

Frequently asked questions about Alias SketchBook Pro.

Register for News

Register to keep yourself updated with Alias SketchBook Pro product news.



Purchase
Alias SketchBook Pro

©Copyright 2005 Alias Systems Corp. All rights reserved.
Your use of this website confirms your agreement to the Terms and Conditions of Use.

[Legal](#) | [Terms and Conditions of Use](#) | [Privacy Policy](#) | [Contact Us](#)

eDirectSoftware

1-866-449-5567
Your Source for Wholesale Prices!
Adobe, Intuit, Microsoft, and Symantec

Government



Email Us



Home

CustomerService

Testimonials

FAQ

Policies

Gove

MANUFACTURERS

Adobe

Autodesk

Corel

Filemaker

Intuit

Macromedia

Microsoft

Nero

Roxio

Symantec

Better Business Bureau
RELIABILITY PROGRAM
Read our report!

RESELLER RATINGS
REAL REVIEWS FROM REAL PEOPLE

Testimonials!
What do people have to say about us? Go

LOOK FOR THE CERTIFICATE OF AUTHENTICITY
Genuine **Microsoft** Products

Purchase

Payment Options
Shipping Options
Customer Service

Adobe Photoshop CS2



Retail Price: \$589.99

eDirect: \$374.99

Ships: In Stock

Type: Bundled Version

ETA: 3-6 Business Days

100% Guaranteed Genuine

Return Policy

Email a Question

ADD TO CART

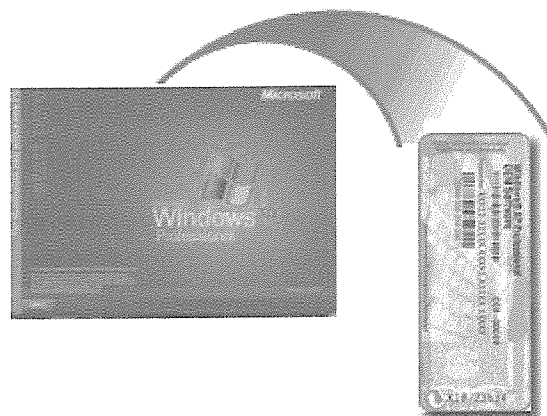
View Cart

10 Reasons to Choose eDirectSoftware

[Click here for the Photoshop CS2 Upgrade](#)

This is a full version Adobe Photoshop CS2 product. This package is complete with the retail box, CD(s), manual, paper license, registration card and CERTIFICATE OF AUTHENTICITY (COA).

What does the COA look like?



Before you buy elsewhere, consider that the software may not come with the COA. Without the COA, the product may not be compliant with Adobe, and you may not receive critical updates.

>[Click Here For More Info](#)

Overview

Adobe Photoshop CS2 software, the professional image-editing standard and leader of the Photoshop digital imaging line, delivers more of what you crave. Groundbreaking creative tools help you achieve extraordinary results. Unprecedented adaptability lets you custom-fit Photoshop to



Live chat by



Local Delivery Available
[Click here for Details](#)



the way you work. And with more efficient editing, processing, and file handling, there's no slowing you down.

System Requirements

Hard Disk: 280 MB
Memory: 192 or 256 MB RAM
Platform: WIN XP /WIN 2000
Processor: Pentium III 500 MHz or Later.

Frequently Asked Questions

[Back to Top](#)

Does the Photoshop CS2 - Bundled Version you are offering qualify for future updates, can it be upgraded?
Yes, this software is fully registrable and will qualify for all future updates and upgrades.

What will I receive when I purchase Photoshop CS2 - Bundled Version?

This package includes:

- (1) Brand New, Factory Sealed - Photoshop 6*
- (1) Brand New, Factory sealed - Photoshop CS2 upgrade*

**you will receive all the manuals and registration papers that regularly come with Photoshop CS2*

After you install both versions your end product is exactly the same as if you just bought Photoshop CS2.

Is this the Academic version?

No, this software is not the academic version.

Have any further questions?


Please call us toll free at: 1-866-449-5567 or

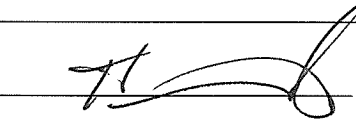
Email us at: Sales@eDirectSoftware.com

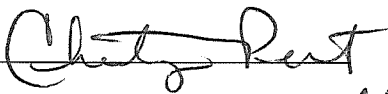
Copyright © 2001-2005 eDirectSoftware.com. Prices and availability are subject to change.

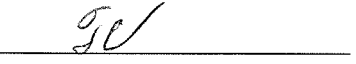
[Homepage](#) | [Customer Service](#) | [Testimonials](#) | [Software FAQs](#) | [Policies](#) | [Government Software](#)
[Adobe Software](#) | [Autodesk Software](#) | [Corel Software](#) | [Intuit Software](#) | [Macromedia Software](#)
| [Nero Software](#) | [Microsoft Software](#) | [Roxio Software](#) | [Symantec Software](#)
[Sitemap](#)

Student Technology Fee
Grant Proposal
2005-06


<u>Name</u>	<u>Signature</u>	<u>Date Reviewed</u>
Dr. Jim McCrory		2 Nov 05
Comments:		

Tyron Tinnerello		4/1/05
Comments:		

Christyn Perot		11/1/05
Comments:	Better prices on software through state contract vendors.	

Tim Chadbourne		10/28/05
Comments:		

Gary Gatch		10/28/05
Comments:		

Dale Martin		11-11-05
Comments:		

Date Given to IS
10/25/05

Date Received from IS



NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

Student Technology
Watson Library, Room 113

Telephone (318) 357-6482
FAX (318) 357-6480

January 6, 2005

Dr. Roger Held
Theatre Department
Natchitoches, LA 71458

Dear Dr. Held,

It is with pleasure that the STAT (Student Technology Advisory Team) has fully funded your grant proposal for Fiscal Year 2005-06 in the amount of \$6,963.95.

Ordering of equipment listed in the grant proposal will take place during the month of January.

Please be reminded that your grant was funded through Northwestern Student Technology Fees, all equipment purchased, therefore, must be used exclusively and directly for/by Northwestern students.

You are commended for, and encouraged to continue your efforts to enrich the learning environment for students at Northwestern State University. Your time, effort, and vision in service of the students are greatly appreciated. If you have questions or need additional information please contact me by phone or via email at: long@nsula.edu.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer".

Jennifer Long
Student Technology Fee

cc: Mr. Bill Brent