

Please e-mail your questions or comments to
Bill Henry, Editor
(henryw@bellsouth.net)



November 2004

Vol. 26, No. 11

Inside this issue

<i>New iBooks.....</i>	<i>1</i>
<i>New Single CPU G5 Power Mac....</i>	<i>1</i>
<i>BAC November Meeting.....</i>	<i>2</i>
<i>BAC Board of Directors.....</i>	<i>2</i>
<i>BAC Disk of the Month.....</i>	<i>2</i>
<i>BAC Message Board.....</i>	<i>2</i>
<i>November '04 Door Prizes.....</i>	<i>2</i>
<i>Bio Inkjet Breakthrough.....</i>	<i>2</i>
<i>New iBooks con't.....</i>	<i>3</i>
<i>Apple 4th Quarter Earnings.....</i>	<i>3</i>
<i>Book Review.....</i>	<i>4</i>
<i>Single G5 Power Mac cont'd.....</i>	<i>4</i>
<i>iPod Photo & U2 iPod.....</i>	<i>5</i>
<i>Bio Inkjets con't.....</i>	<i>5</i>
<i>OS X Startup Shortcuts.....</i>	<i>5</i>
<i>Image Editor's Remorse (iPhoto Tip).....</i>	<i>5</i>
<i>Display Ads.....</i>	<i>6</i>

Apple Unveils Fastest, Most Affordable iBook G4 Ever

iBook Now With Built-in Wireless Networking Starts at Just \$999

The new iBook line includes PowerPC G4 processors running up to 1.33 GHz and an available slot-load SuperDrive™ for burning DVDs, as well as Apple's breakthrough iLife® '04 suite for managing digital music and photos, making movies and music and creating professional-quality DVDs.

Encased in a sleek, durable polycarbonate plastic enclosure, the new 12- and 14-inch iBooks offer improved performance with either a 1.2 GHz or 1.33 GHz PowerPC G4 processor. Providing up to six hours of battery life for all-day use on the road or in the classroom,* the iBook lineup offers AirPort Extreme 54 Mbps 802.11g wireless networking in every model and an optional internal Bluetooth module for wirelessly connecting peripherals such as the Apple Wireless Keyboard and Apple Wireless Mouse.** All iBook G4 models also offer a full complement of I/O ports including FireWire® 400, USB 2.0, a built-in 56K v.92 modem and Ethernet (10/100BASE-T) for connectivity to a wide range of peripherals such as speakers, MIDI keyboards and iPod®.

Providing world class graphics capabilities, each iBook G4 offers ATI Mobility Radeon 9200 graphics with 32MB of dedicated DDR memory and AGP 4X support for gaming and watching DVDs, as well as VGA video out for easy mirroring to projection systems and external displays.

cont'd on page 3

Apple Adds 1.8 GHz Model to Power Mac G5 Line at Just \$1,499

Complementing the existing lineup of dual 2.5 GHz, dual 2.0 GHz and dual 1.8 GHz Power Mac G5 models, the new 1.8 GHz Power Mac G5 provides customers with a powerful and expandable tower configuration at an affordable price.

"The new 1.8 GHz Power Mac G5 is a great entry-level system that lets prosumers and professionals tap the incredible performance benefits of the 64-bit PowerPC G5 processor at a very affordable price," said David Moody, Apple's vice president of Worldwide Mac Product Marketing.

The new 1.8 GHz Power Mac G5 features 6.4GB per second of fast memory bandwidth, up to 4GB of total main memory, three PCI expansion slots, up to 500GB of internal Serial ATA mass storage and AGP 8X Pro graphics capabilities,



BAC November Meeting

The November meeting will be held on Saturday November 13th, at 10:00am at the Homewood Library in room 116 (lower level). Haisley Smith, Marketing Director with Bright House Networks a cable TV and broadband provider in the Birmingham area will present information on their offerings.

<http://birmingham.mybrighthouse.com/>

2004 BAC Board of Directors

PRESIDENT/PEEL EDITOR

Bill Henry

henryw@bellsouth.net

VICE PRESIDENT/PROGRAMS

Jim Hillhouse

jhill@hillhouse.com.

SECRETARY

Tommy Ellison

tommyellison@mac.com

TREASURER/WEBMASTER

Penelope Fenton

penelopejane@mindspring.com

MEMBERSHIP

Ted Galloway

tedgallo@charter.net

INSTRUCTIONAL MEDIA LIBRARIAN

Luther Fuller

fullerluther@alltel.net

DISK LIBRARIAN

Jerry Jenkins

gjenkins1333@charter.net

The Apple PEEL is the official newsletter of the Birmingham Apple Core Macintosh User Group. It is free to members as a benefit of membership. Unless otherwise noted within the articles, all material published herein may be reprinted without permission by any not-for-profit Apple User Group provided proper credit is given to the author(s) and the proper publication.

Instead of placing a trademark symbol on each occurrence of a trademark name, we state that we have used trademark names for editorial purposes only, for the benefit of the trademark owners, with no intent to infringe on those trademarks.

©Copyright 2004



The New Photo iPod

BAC Disk of the Month

The BAC CDOM (Disk of the Month) is available at each BAC meeting. These CDs contain updates, shareware, and freeware.

The cost is \$2 per disk and is available at the BAC meetings from Disk Librarian Jerry Jenkins.

November 2004 CDOM Descriptions

Chameleon 1.5.2...Shareware

Transform digital photos into works of art. Requires OS 10.2 or higher.

CopyPaste X 2.0.3...Shareware

FolderIcon X 1.9.6...Shareware

Create custom folder icons and document icons. Requires OS 10.2.1 or higher, or OS 10.3.x

iOrganize X 5.5.4...Shareware

Advanced note pad and organization tool. Requires Mac OS 10.x

LabelPro 6.2...Shareware

Label Printer Pro prints to stick-on labels by most all - Avery, Neato, etc. Requires OS 9.x or OS 10.x

MacFamilyTree X 4.0.6...Shareware
Updated genealogy program. Requires OS 10.2.6 or higher.

MacJournal 2.6...Shareware

Comes highly recommended. More than a high performance text editor. Requires OS 10.2 or higher.

Monolingual 1.2.7...Freeware

Remove unwanted language resources and save 100-400 MB of disk space. Requires OS 10.2 or higher.

PopChar X 2.2...Shareware

Displays the hidden characters of the font you are using and inserts the one you select. Requires OS 10.1.2 or higher.

VueScan X 8.1.5...Shareware

Updated, keeps getting better and covers more scanners. In most cases, it replaces and improves the original scanner driver. Requires Mac OS 10.2.8 or higher.

OS X 10.3.6

UPDATE RELEASED

The 10.3.6 Update delivers enhanced functionality and improved reliability for Mac OS X v10.3 Panther and is recommend-

ed for all users. Enhancements include: improved file sharing for Mac (AFP), UNIX (NFS) and PC (SMB/CIFS) network; more reliable network automounts and launch of network applications; improved OpenGL technology and updated ATI and NVIDIA graphic drivers; additional FireWire audio and USB device compatibility; updated Calculator, DVD Player, Image Capture, and Safari applications; improved compatibility for third party applications; previous standalone security updates. 🍏

Inkjet Printers Offer Biology Breakthrough

Emily C Kumler, Medill News Service

In the name of science, researchers have developed a way to print sheets of solid animal tissue by filling Hewlett-Packard and Canon inkjet cartridges with animal cells, or "bio-ink."

Using basic design software, often AutoCAD, scientists like Thomas Boland, an assistant professor of bioengineering, are designing and generating tissue that could someday save heart patients who need new cardiac tissue.

"We've created cardiac tissue successfully," Boland says. "It actually beats in the petri dish." Boland says that just as blending primary colors results in new colors, so does printing different cells create new tissue. The idea to use common computer printers occurred when a student was conducting a common micro-patent printing, which is done by hand. *cont'd page 5*

Message Board ID and password for November

The BAC Message Board is located at www.applecore.org and click on Message Board. The User id for November is: *peel* and the password is *1104*. Some browsers ask for the Name in the top box. This is the place for the user ID. 🍏

October Door Prizes

The following list of door prizes will be awarded at the October BAC meeting, a copy of the monthly CDOM, a one-month rental of any of the instructional CDs that are in our Library. 🍏

NEW iBOOKS *continued from page 1*

The new iBook G4 also includes either a slot-load SuperDrive, for burning both DVDs and CDs, or a slot-load combo drive capable of burning and playing CDs and watching DVDs.

Every new iBook G4 also includes iLife '04, Apple's award-winning suite of digital lifestyle applications including iTunes® for managing digital music, iPhoto™ for organizing and sharing digital photos, iMovie® for digital movie making, iDVD® for creating and burning Hollywood-style DVDs and GarageBand™, the revolutionary music application that turns a Mac® into a professional-quality musical instrument and recording studio. iBook G4 also comes with a collection of productivity and entertainment titles including AppleWorks®, Mac OS® X Mail, Quicken 2005 for Mac, WorldBook Encyclopedia 2004 Edition, Marble Blast Gold and Nanosaur 2.

The iBook G4 comes with Apple's latest operating system pre-installed. Mac OS X version 10.3 "Panther" delivers more than 150 breakthrough features including iChat AV, an easy to use personal video conferencing solution; FileVault, which uses the latest security standards and 128-bit encryption technology to ensure that data in the home directory is kept secure; Exposé™, a revolutionary new way to instantly access any open window; Instant On, which wakes the iBook from sleep in just one second; Apple Setup Assistant, a migration tool that allows Mac users to quickly and easily transfer files, applications, and preferences from one Macintosh® to another; and Automatic Networking, which automatically switches the network connections between Ethernet, 802.11 and modem. With enhanced Windows compatibility, files, printers and network services can easily be shared with Windows users.

Pricing & Availability

The new iBook lineup is immediately available through The Apple Store® (www.apple.com), Apple's retail stores and Apple Authorized Resellers in three standard configurations.

The 1.2 GHz PowerPC G4 iBook, weighing just 4.9 pounds, has a suggested retail price of \$999 (US) and includes:

- a crisp 12.1-inch (diagonal) active-matrix TFT display;
- 256MB DDR SDRAM expandable to up to 1.25GB maximum memory;
- a 30GB Ultra ATA hard drive;
- AirPort Extreme 54 Mbps 802.11g wireless networking;
- two USB 2.0 ports, FireWire 400;
- VGA video out, S-video and composite video out sup port;
- Ethernet (10/100BASE-T); and
- a slot-load Combo (DVD-ROM/CD-RW) drive.

The 1.33 GHz PowerPC G4 iBook, weighing just 5.9 pounds, has a suggested retail price of \$1,299 (US) and includes:

- a crisp 14.1-inch (diagonal) active-matrix TFT display;
- 256MB DDR SDRAM expandable to up to 1.25GB maximum memory;
- a 60GB Ultra ATA hard drive;
- AirPort Extreme 54 Mbps 802.11g wireless networking;
- two USB 2.0 ports, FireWire 400;
- VGA video out, S-video and composite video out sup port;
- Ethernet (10/100BASE-T); and
- a slot-load Combo (DVD-ROM/CD-RW) drive.

The 1.33 GHz PowerPC G4 iBook, weighing just 5.9 pounds, has a suggested retail price of \$1,499 (US) and includes:

- a brilliant 14.1-inch (diagonal) active-matrix TFT display;
- 256MB DDR SDRAM expandable to up to 1.25GB maximum memory;
- a 60GB Ultra ATA hard drive;
- AirPort Extreme 54 Mbps 802.11g wireless networking;
- two USB 2.0 ports, FireWire 400;
- VGA video out, S-video and composite video out sup port;
- Ethernet (10/100BASE-T); and
- a slot-load SuperDrive (DVD-R/CD-RW) drive. 🍏

Apple Reports Fourth Quarter Results Revenue Increases 37 Percent Year-Over-Year

Apple® announced financial results for its fiscal 2004 fourth quarter ended September 25, 2004. For the quarter, the Company posted a net profit of \$106 million, or \$.26 per diluted share. These results compare to a net profit of \$44 million, or \$.12 per diluted share, in the year-ago quarter. Revenue for the quarter was \$2.35 billion, up 37 percent from the year-ago quarter. Gross margin was 27.0 percent, up from 26.6 percent in the year-ago quarter. International sales accounted for 37 percent of the quarter's revenue.

The quarter's results include an after-tax restructuring charge of \$4 million. Excluding this charge, the Company's net profit for the quarter would have been \$110 million, or \$.27 per diluted share.

Apple shipped 836,000 Macintosh® units and 2,016,000 iPods during the quarter, representing a 6 percent increase in CPU units and a 500 percent increase in iPods over the year-ago quarter. "We're pleased to report 37 percent revenue growth for the quarter and operating margin above 5 percent," said Peter Oppenheimer, Apple's CFO. "Looking ahead to the first quarter of fiscal 2005, we expect revenue of between \$2.8 and \$2.9 billion, operating margin above 7 percent and earnings per diluted share of \$.39 to \$.42."

For the year, the Company reported net income of \$276 million on revenue of \$8.28 billion compared to net income of \$69 million on revenue of \$6.21 billion in 2003. 🍏

Book Review

iMovie 4 and iDVD: The Missing Manual

By David Pogue

Sebastopol, CA: Pogue Press/O'Reilly, 2004

\$24.95

reviewed by Ted Galloway

Today, most software comes with only online documentation and no extensive manual. I find this to be a big problem as online help is usually limited. I prefer a printer manual so I can look at it at my leisure without the computer being on. I particularly like to thumb through the manual and find items of interest. A manual is not designed to be read as a novel – cover to cover – but as a resource guide to be used when needed.

iMovie 4 & iDVD: The Missing Manual by David Pogue is a welcome addition to these two popular programs from Apple and fills in the large gap in the online documentation. One great feature of this book, The book is divided into five parts, plus an introduction. The Introduction discusses the new features of iMovie 4 such as editing improvements called Nondestructive Edge Draging that hides the ends of the clip instead of clipping them off. Also covered is Nonadjacent clip selection, Bookmark, and Color Clips. There are three audio improvements that let you “Show Audio Track Waveforms”, “Enable Timeline snapping” where you can place bookmarks and have the clips or audio “snap” to the spot, and finally, “Audio Scrubbing” where you drag the Playhead to hear the actual audio for editing.

Part One: Capturing DV Footage discusses the DV Camcorder, Turning Home Video into Pro Video, and Special Event Filming. Part Two: Editing in iMovie takes you from importing from the camera, working with clips, transitions and titles, narration, music and sound, still pictures and Quicktime movies, The section concludes with some hints on professional editing techniques. This section is the meat of the book on iMovie. This is the section I found a tip on fixing sound problems in iMovie 4.0.1 when a title or effect is applied. Part Three: Finding Your Audience discusses transferring back to the camcorder, movies on the web-and on the phone and Quicktime Player.

Part Four: iDVD 4: The Missing Manual is a “book-within-a-book” dealing with iDVD. The section discusses going from iMovie to iDVD, iDVD projects by hand – how to build an iDVD from scratch, themes and secrets of the program. One item I found here was how to duplicate a DV by creating a disk image. Pogue points out that this will not work on a commercial DV because of the copy protection built in. Part Five: Appendixes – Appendix A is iMovie 4, Menu by Menu and Appendix B is Trouleshooting.

All the Missing Manual books mention software that enhances the programs and this book is no exception. Go to www.missingmanual.com and select “Missing CD-Roms” and download the software mentioned in this book. Some

are freeware and some are shareware.

David Pogue has again put together an outstanding manual on this popular software. The in-depth discussion far exceeds the online manual and is a “must” for anyone using iMovie 4 and iDVD.

Current members of the Birmingham Apple Core can receive a 20% discount off the \$24.95 price of the book by obtaining the user group code at the BAC meetings. Orders can be placed by calling 1-800-998-9939 or by e-mail at order@oreilly.com. Online orders can be placed at: www.oreilly.com. 🍏

Ted Galloway is the Membership Chairman of the Birmingham Apple Core. He is a retired band director and does music typesetting on his Macintosh computer for area clients.

New Single G5 Power Mac *continued from page 1*

all within a stunning professional aluminum enclosure featuring innovative computer-controlled cooling for quiet operation.

The 1.8 GHz Power Mac G5 comes with the NVIDIA GeForceFX 5200 Ultra graphics card with dual display support and delivers industry-leading connectivity and high-performance I/O with Gigabit Ethernet, FireWire® 800, two FireWire 400 ports, three USB 2.0 ports, optical digital audio input and output, analog audio input and output and a headphone jack. The system also supports 54 Mbps Airport® Extreme wireless networking and is Bluetooth ready for wireless connections to a host of Bluetooth-enabled peripherals.*

All Power Mac systems ship with Mac OS® X version 10.3 “Panther” with Mail, iChat AV, Safari™, Sherlock®, Address Book, QuickTime®, iLife® ‘04 (includes iTunes®, iPhoto™, iMovie®, iDVD® and GarageBand™), iSync, iCal®, DVD Player, Classic environment, Art Directors Toolkit, EarthLink Total Access 2004, GraphicConverter, Microsoft Office 2004 for Mac Test Drive, OmniGraffle, OmniOutliner, QuickBooks for Mac New User Edition, Zinio Reader and Xcode Developer Tools.

Pricing & Availability

The new 1.8 GHz Power Mac G5 is available immediately

The new 1.8 GHz Power Mac G5, \$1,499 (US), includes:

- 1.8 GHz 64-bit PowerPC G5;
- 600 MHz front-side bus;
- 256MB 400 MHz DDR SDRAM (4GB maximum);
- 80GB Serial ATA 7200 rpm hard drive;
- AGP 8X Pro graphics slot;
- NVIDIA GeForce FX 5200 Ultra with 64MB DDR SDRAM;
- 3 PCI slots (64-bit, 33 MHz); and
- 8x SuperDrive (DVD-R/CD-RW). 🍏

Apple Introduces iPod Photo & U2 iPod Your Entire Music & Photo Library in Your Pocket

iPod® Photo, the newest member of the iPod family that lets you take your entire music and photo library with you wherever you go. iPod Photo holds up to 25,000 digital photos alongside your music library and displays them on its stunning high-resolution color screen. iPod Photo lets you combine your music and your favorite photos to create magical slideshows on your iPod, and features TV-out for sharing your slideshows on big screen televisions and projectors. iPod Photo comes in 40GB or 60GB models which hold up to 10,000 or 15,000 songs, and its extended battery life gives users up to 15 hours of music playback or up to 5 hours of slideshows. With its vivid color screen and backlight, iPod Photo displays crisp, clear photos both indoors and outdoors, so users can take their digital photo collection wherever they go and easily share their memories with family and friends. iPod Photo creates an entirely new iPod experience in full color for viewing album artwork, calendars, contacts and games, adding even more excitement to iPod. Featuring Apple's patent pending Auto-Sync technology, iPod Photo makes it easy to automatically download your entire digital music and digital photo library onto iPod and keep it up-to-date whenever it is plugged into a Mac® or Windows computer using FireWire® or USB. Mac users can Auto-Sync their iPod with their photo library in iPhoto™ and Windows users can Auto-Sync their iPod with their photo collection in Adobe Photoshop Elements, Photoshop Album or their My Pictures folder. iPod Photo works with iTunes® 4.7, released Oct. 26th, providing music fans with the best digital jukebox on either a Mac or Windows computer and access to the iTunes Music Store, the number one digital music service in the world. The new 40GB and 60GB iPod Photo models will begin shipping immediately for a suggested retail price of \$499 and \$599 respectively, iPod Photo includes a dock with audio and video out, earbud headphones, 1.4m AV cable, 1.2m 30-pin to FireWire cable, a 1.2m 30-pin to USB cable, AC adapter, black carrying case and a CD with iTunes 4.7 for Mac and Windows computers. The new U2 iPod features a gorgeous black enclosure with a red Click Wheel and custom engraving of U2 band member signatures. 🍏

IMAGE EDITOR'S REMORSE

A lot of users are hesitant to edit their photos in iPhoto 4. It's sometimes unavoidable, though. You may want to print to 4x6 premium glossy paper, and to do so, you'll need to crop the photo to fit. And once you've made that crop, well, you've lost the rest of the photo forever, right? Wrong! iPhoto 4 understands that you may want to change your mind, and so it always keeps a copy of the original photo. At any point in time, you can click on a photo you've edited and choose Photos>Revert to Original. So go ahead and experiment with your photos. iPhoto's always got your back!

MacHome TIP OF THE WEEK

Bio-inkjets *cont'd from page 2*

Boland realized his student was having difficulty repeating the results and the printing process was time-consuming.

"I went to the lab to see what we could use," he says. "The computer printers were printing patterns in liquid drops." That gave him the inspiration to try what he calls "protein printing." They started by printing proteins and have moved to printing cells. Boland admits that people thought the idea was far-fetched at first, but the more they learned about printers, the more sense it made.

The group gets most of its printers from the university's surplus stock. "We can strip them down in less than an hour, and we usually buy new cartridges. The whole thing is very cheap," he adds.

Next: New Organs?

The Clemson group says it has had success in re-creating bone tissue in mice. The scientists are now working on embryos and moving to in vitro tissue implanting--a more complicated process because of potential contamination. The group's ultimate goal is to print organs. The scientists say that the printing could allow doctors to study, scan, and duplicate exactly what a patient needs and to develop custom treatments. Soon, human tissue could be printed so researchers could test medications for their effect on the tissue, Boland says. "In a couple of years this could be used on humans, after FDA (news -web sites) approval," he says.

While Hewlett-Packard is following the scientists' research, Canon has already formed its own organ-printing project in Japan.

Boland says he is amazed at how easily the printer works and how successful the group has been. "This is not a fluke," he says. "It will come to market eventually." 🍏

OS X STARTUP SHORTCUTS

As your computer starts up, there are a key combinations you can press. Among them are the following:

Press X: Force OS X to startup instead of OS 9

Press C: Startup from a CD or DVD

Press Option-Command-Shift-Delete:

Bypass your primary startup volume and startup from a CD or external disk.

Press T: Startup the computer in FireWire Target Disk mode.

Press Shift: Startup in Safe Boot mode, which disables non-essential extensions.

Press Option: Calls up the Startup Manager, allowing you to choose a different startup disk.

Safari Shortcuts

To move backwards and forwards through open pages in Safari use the following keys:

Backward: Command [

Forward: Command]





McKinney Technologies, Inc.

Simplifying Technology

1923 29th Ave., So.
Homewood, AL 35209
Ph: 205-802-7886 Fax: 205-802-7898
e-mail: info@mckinneytech.com

*Specializing in Consulting, Support, Maintenance,
Service & Authorized Repair for the Apple Macintosh*



**Apple Consultants Network
Authorized Sales & Service**



ComSouth

**Birmingham 942-9622
State-wide 800-536-0301
www.comsouth.com
225 Oxmoor Circle • Suite 810
Homewood, AL 35209**

**Alabama's Apple Source
since 1988!**

*ComSouth offers
a complete selection of
Macintosh
hardware, software, service,
extended warranties, and*



**Authorized
Sales & Service**



3230 Galleria Circle
Birmingham, AL 35242
(205) 444-0001



Art Vires

Apple Solutions Consultant (Birmingham)
Cell Phone (205)335-4779
e-mail: avires@apple.com



- Consultation
- Installation
- Digital Imaging Solutions
- Sales
- Training

**Authorized
Value Added Reseller
and Service Provider**

Chris Perry

1722-B 28th Ave. So., Homewood, AL 35209
Phone (205) 870-7044 Fax (205)780-1944
e-mail: chris@perrycomputer.com
www.perrycomputer.com



Bill Henry, Editor
2438 Mahaska Drive
Birmingham, AL 35244

*Attend the BAC
Monthly Meeting*

**Be sure to check your mailing label for your BAC renewal month.
To renew, mail \$30 to BAC, PO Box 59745, Birmingham, AL 35259**