

\$3

Volume 27, Issue 7

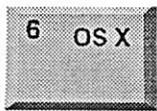


mini'app'les newsletter

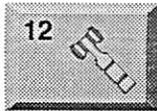
the minnesota apple computer users' group, inc.

J U L Y 2 0 0 4

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6 OS X 7:00	7	8	9	10
11	12 7:00	13	14 7:00	15	16	17
18	19	20 6:30-8:00pm	21 7:00	22	23	24
25	26 7:00	27	28	29	30	31



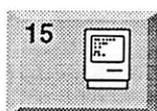
OS X SIG
The Foundation
1621 Hennepin Avenue South
Minneapolis, MN 55403
Craig Arko 612-379-0174



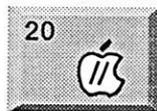
Board of Directors
mini'app'les members welcome
.New Brighton Community Center
803 Old Hwy 8 New Brighton
Tom Gates 612-789-1713



Microsoft Word SIG
Eagles lodge
9152 Old Cedar Ave Bloomington
Tom Ostertag, D 612-951-5520 E
651-488-9979



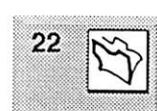
Macintosh Consultants SIG
Embers 7:00 AM
7525 Wayzata Blvd
St. Louis Park
Bob Demeules, 763-559-1124



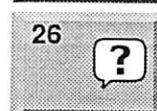
Vintage Mac / Apple SIG 6:30PM
Augsburg Library
7100 Nicollet Ave S, Richfield
Tom Gates 612-789-1713



Multi Media SIG 7 P.M
Photoshop-Digital Imaging
Penn Lake Library
8800 Penn Ave S, Bloomington
Gary Eckhardt, 952-944-5446



FileMaker Pro SIG
Megaclean
769 Kasota Ave S.E.
Minneapolis MN 55414
Steve Wilmes 651-458-1513



Macintosh Novice SIG
Merriam Park Library
1831 Marshall Avenue
St. Paul
Richard Becker, 612-870-0659



Programming SIG
For meeting time contact
<http://www.visi.com/~andre/>
Andre Benassi 763-786-3891

For the latest information please visit <http://www.miniapples.org>



mini'app'les

The Minnesota Apple Computer Users' Group, Inc.
P.O. Box 796, Hopkins, MN 55343

Board of Directors:

President	Tom Gates 612-789-1713 tgates@isd.net
Vice President	Bert Persson 612-861-9578 skallgang@yahoo.com
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Treasurer	Don Walz 651-426-5602
Marketing Director	Greg Buchner 952-883-0195 gbuchner@mn.rr.com
Publications Director	John Pruski 952-938-2818 johnpruski@aol.com
SIG Director	Dave Peck 651-423-4672 hunt@charter.net.
Director at Large	Les Anderson 651-735-3953 anderslc@usfamily.net
Membership	Erik Knopp
Apple II	Owen Aaland

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Questions – Please direct questions to an appropriate board member. Users with technical questions should refer to the Members Helping Members section.

Dealers – mini'app'les does not endorse specific dealers. The club promotes distribution of information which may help members identify best buys and service. The club itself does not participate in bulk purchases of media, software, hardware and publications. Members may organize such activities on behalf of other members.

Advertisers – For information, see Newsletter Ad Rates box within this issue.

Newsletter Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343, or tostertag@usfamily.net

Deadline for material for the next newsletter is the 1st of the month. An article will be printed when space permits and, if in the opinion of the Newsletter Editor or Manager, it constitutes material suitable for publication.

Editor/Publisher: Tom Ostertag 651-488-9979

Newsletter Layout: John Pruski 952-938-2818, Bert Persson 612-861-9578

mini'app'les BBS – Internet only access

mini'app'les WWW site: <http://www.miniapples.org>

mini'app'les e-mail: miniapples@mac.com



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CHANGE OF ADDRESS

Moving? Going to be away from home and leaving a forwarding address with the Post Office? Please send us a Change of Address when you are informing others. By using a moment of your time and a few cents to drop us a card, you save the club some money and you get your newsletter delivered promptly to your new address. If you don't inform us, the Post Office puts your newsletter in the trash (they don't forward third class mail) and charges the club for informing us of your new address. Change of Address should be sent to the club's mailing address: mini'app'les, Attn: Membership Director, Box 796, Hopkins, MN 55343.

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August 2004 Preview

Here is the tentative calendar of our Special Interest Group (SIG) meetings for August 2004. Please pencil these events on your calendar. As always, when doubtful of a SIG date, time, or location, confirm with one of the following:

- At www.miniapples.org
- The cognizant SIG Leader

Monday	August	2	Board of Directors meeting
Tuesday	August	3	OS X
Wednesday	August	4	AppleWorks nee ClarisWorks SIG
Wednesday	August	11	Microsoft Word SIG
Tuesday	August	17	Vintage Mac/ Apple SIG
Wednesday	August	18	Multi Media SIG
Thursday	August	19	Macintosh Consultants
Monday	August	23	Macintosh Novice SIG
Thursday	August	26	FileMaker Pro SIG

Members Helping Members

Need Help? Have a question the manual doesn't answer? Members Helping Members is a group of volunteers who have generously agreed to help. They are just a phone (or an e-mail) away. Please call only during the appropriate times, if you are a member, and own the software in question.

Apple II / IIGS Software & Hardware	1, 5, 7
AppleWorks / ClarisWorks-Draw	6, 7, 8
Classic Macs	
Cross-Platform File Transfer	5
FileMaker Pro	
FirstClass	
iMacs	12, 14
iPhoto / iTunes / iMovie	
Mac OS Classic	7, 12
Mac OS X	14
MacWrite Pro	11
Microsoft Excel	2, 5, 13, 14
Microsoft Word	5, 14
MYOB	13
Networks	14
New Users	1, 9, 12
PhotoShop	3, 10
PowerBooks / iBooks	12, 14
Power Macs	14
Quicken	2, 13
QuickBooks and QuickBooks Pro	13
WordPerfect	4
VectorWorks	15

1. Les Anderson	651-735-3953	DEW
2. Mike Carlson	218-387-2257	D
3. Eric Jacobson	651-645-6264	D
4. Nick Ludwig	612-593-7410	DEW
5. Tom Ostertag	651-488-9979	EW
6. Owen Strand	763-427-2868	D
7. Bruce Thompson	763-546-1088	EW
8. Pam Lienke	651-457-6026	EW
9. Tom Lufkin	651-698-6523	EW
10. Gary Eckhardt	952-944-5446	EW
11. R. J. Erhardt	651-730-9004	DEW
12. Richard Becker	612-870-0659	EW
13. Ardie Predweshny	612 978-9774	DEW
14. Andre' Benassi	763 786-3891	EW
15. Charles Radloff	952-941-1667	D

D: Days, generally 9 a.m. to 5 p.m.

E: Evenings, generally 5 p.m. to 9 p.m.

W: Weekends, generally 1 p.m. to 9 p.m.

Please call at reasonable hours, and ask if it is a convenient time for them. By the way, many of these volunteers can also be contacted on our BBS. We appreciate your cooperation.

If you would like to be a Members Helping Member volunteer, please send an e-mail message to John Pruski on our BBS, or call him at 952-938-2818, with your name, telephone number, contact hours, and the software or hardware areas you are willing to help others.

Newsletter Ad Rates

1/12 page 2.25" Width x 2.5" Height	\$5
1/6 page 2.5" Width x 5" Height	\$10
1/3 page 2.5" Width x 10" Height Vert or 5.5 H.	\$20
1/2 page 7.5" Width x 5" Height (save 5%)	\$30
2/3 page 5" Width x 10" Height (save 7%)	\$40
Full page 7-1/2" Width x 10" Height (save 15%)	\$60
Outside back cover 7-1/2" Width x 7-1/2" Height	\$50
Inside back cover 7-1/2" Width x 10" Height	\$60

All ads must be prepaid and submitted on electronic media. Ads of \$20 and under must run for a minimum of three months.

mini'app'les will accept all ads for publication that do not affect our nonprofit status, or the postal regulations dealing with our nonprofit mailing rates. Examples of ads that will be rejected are; but not limited to, ads that:

1. endorse a political candidate or cause
2. attack a person or cause
3. are in "bad taste" (x rated or similar)
4. expound or demean a religion or practice.

Ads should be for a product or service. Because of our nonprofit mailing rates we must limit ads that are not related to computers.

Mail inquiries to: PO Box 796, Hopkins, MN, 55343

Phone inquiries to: John Pruski, 952-938-2818

Miniapples Directors Meeting May 3, 2004

Submitted by Jim Nye

(Minutes yet to be approved by Board)
PRESENT: Les Anderson, John Pruski,
Greg Buchner, Bert Persson, Dave
Peck, Jim Nye

ADOPTION OF AGENDA: agenda
adopted.

APPROVAL OF MINUTES: Minutes
approved.

TREASURERS REPORT: NO REPORT,
DON WALZ, ABSENT, ill.

OFFICERS and coordinators REPORT

President Anderson: nothing to
report.

Secretary Nye: nothing to report.

Publication Director Pruski: July and
August newsletters will be combined.

Director at large Persson: nothing to
report.

SIG Director Peck: Brian Bantz is giv-
ing up being SIG leader for
"Meet your Mac" Meeting. This meet-
ing will be discontinued until a new
SIG leader can be found. The "Novice"
SIG under Richard Becker will

Follow up to Telephone Complaint

Submitted by Jim Nye

In the May newsletter I wrote about
AT&T billing me for services for pop
up advertisements placed on my e
mail. I inquired to AT&T at the time
as to why I was being charged for the
service.

I was told by a service representative
in India that a company in Africa was
sending the ads out and they are
being serviced by AT&T. If the ads
show up on your e-mail you are
charged a monthly service charge.
The service representative in India
was no help in resolving the problem,
and he tried to pressure me into buy-
ing additional services. I told him I

continue.

UNFINISHED BUSINESS

A. MAIN MAC SIG- MARY ANDER-
SON- DAVE PECK HAS TRIED TWICE
TO CONTACT MARY ANDERSON
AND HAS NOT heard from HER
ABOUT BEING MAIN MAC SIG
LEADER.

B. CHECKS- It will not be known until
next meeting what signatures will be
used on the checking account.

ELECTION RESULTS

The ballots were officially counted,
tabulated and the following members
were elected to the Board of Directors:

President- Tom Gates
Vice President- Bert Persson
Secretary- Jim Nye
Treasurer- Don Walz
Marketing Director- Greg Buchner
Publications Director John Pruski
SIG Director Dave Peck

The amendments to the By Laws were
approve by the voters 16 to 0 with
two voters abstaining. The
Amendments, noted in Item 5 section
I of the ballot, pertained to copyright
laws, meeting cancellation, yearly

wanted nothing to do with AT&T.

Upon contacting Quest, it turned out
AT&T was my long distance tele-
phone provider, although I never
used them for long distance tele-
phone calls and up to then I had
never received a bill from them.
Anyway, the arbitrary action by At&T
irritated me and I quickly dropped
them as a provider. I then entered a
complaint about the arbitrary billing
with the Minnesota Attorney General
's Office.

Yesterday I received a letter from
AT&T that they were refunding the
\$ 24 I had been charged for the ser-
vice. Their explanation was that they

audits, Federal Law superceding By
laws and the physical address of the
club.

Motion made to accept the election
results as recorded, seconded ,
approved.

MEETING ADJOURNED: outgoing
President Anderson was thanked by
members for his outstanding service
as President to the club. Next meeting
in June will be arrange by incoming
President Tom Gates. He will choose
the site, location and time of meeting.

were refunding the money as a cus-
tomer courtesy. No mention was
made that the charge was unjustified.
Evidently AT&T has received other
complaints about this and similar
telephone practices.

Remembering Mac writer Rodney O. Lain

For miniapples

Rodney O'Lain was a member of Miniapples. He wrote several articles for our newsletter, volunteered for our "Members helping members" as well as giving presentations for various SIG's (Special Interest Groups) He was a true Macintosh advocate.

Bert

Remembering Mac writer Rodney O. Lain

It was two-years ago this week that the Mac world lost a prolific Macintosh advocate, and I lost a friend. Rodney Lain, popular writer for Mac sites AppleLinks, The Mac Observer, MacAddict, and our own MyMac.com, died on June 16th, 2002.

A controversial writer from the start, Rodney loved nothing more than to stir the hornets' nest. He was very good at knowing which buttons to push in his readers to get them so hopping mad that they would leave the most vicious email in his in-box, or post after post on message boards and forums around the world. Very few writers could get away with using the dreaded and racist "N" word in an article to describe the state of the Mac faithful. But Rodney could, and did.

He took a lot of flak over the years, weathering it all as the professional he was. While Rodney never got rich from his writing, nor did it lead to

any more high-profile opportunities, he continued to write even at the height of his depression. A depression that ultimately led to his death, at his own hands.

Rodney was also a religious man, even after being excommunicated from his church years before. The reasons are not important now, but it did leave a lasting impression on him. Rather than simply fading from view, Rodney joined the Mac web writers in evangelizing the Mac platform as he once did preaching the word of Christ. And with equal fervor.

Very few sites or articles exist today about Rodney. Sure, there are a few out there, most posted or written days after his death. Even Wired Magazine had a brief write-up on Rodney after he died. I have written a few articles since, including my much-read initial article on his suicide, as well as the mostly overlooked MacDaddy tribute to him.

As one of the only Black writers on the Mac web, Rodney was a minority within a minority. He never hid his race behind the keys of his keyboard, instead reveling in his race and computing platform of choice.

When Rodney saw something he did not like, be it a perceived error by Apple Computer, Inc., or another article he disagreed with, Rodney wrote with a "pull no punches" style that was very popular with his many readers.

Today, two years later, is the anniversary of his death. I hope to at least see some other website acknowledge it, though I don't expect to. Without looking back, we cannot move forward. Rodney brought a unique voice to the Mac web, one that has yet to be duplicated.

Thanks, Rodney, for everything. I hope you know, wherever you are, that you are not forgotten.

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Norton Mac Utilities Days Are numbered

Submitted by Jim Nye

An article in the Mac World magazine announced that Norton utilities and parent company Symantec will be dropping future development of both Norton utilities and System works for the Mac.

Symantec will provide technical support by telephone for one year after the company stops selling the Utilities 8.0 and System Works 3.0, although Symantec will continue to sell both programs as long as there is customer demand. According to the company, they also plan to continue supporting the current version of OX 10.3 as well as future updates to Panther.

Although Symantec will stop developing the system for Mac, they will continue development for Windows Systems on the security utilities including Norton Antivirus and Norton Personal Firewall)

The withdrawal of Norton from the Mac market has been a surprise because since 1989 Norton has been one of the premier Utilities for Macs. David Shayer, a software engineer who worked on previous versions of Norton Utilities noted, "they haven't made substantial changes to the software in years".

Mac users shouldn't despair about Norton exiting the Mac market. Fortunately, there are some good utili-

ties to fill the gap including Disk Warrior 3.0, Miromat, Tech Tool 4.0 and Drive 10. Although, I must say this announcement left a bad taste in my mouth because I just purchased the Norton system for use on my imac.

This information has been taken from Philip Michael's article entitled "Utilities Shut Down" in the July 2004 issue of Mac World magazine.

Choosing an Ink Jet Printer

Submitted by Bruce Thompson
by Dawn D'Angelillo
(Dawn@Smalldog.com)

Graduation time is the season of digital cameras. Digital cameras make great gifts to give or receive. One of the benefits of using a digital camera is that you choose the prints you want and you can edit the image before you print. Digital camera shoppers spend a lot of time researching the camera, but tend to forget about the importance of the printer if they plan on making prints.

The ink jet printers that are on the consumer market are "drop-on-demand," as opposed to continuous flow. A drop-on-demand printer only produces the ink droplets that are needed, and these are added to the image one drop at a time. The two common types of drop-on-demand ink jet printers are thermal and piezoelectric.

Thermal

Thermal ink jet printers were invented by Canon (the Bubblejet) in 1981. The way that the thermal printer works is pretty simple. The ink reservoir is connected to the print head. Inside the print head is a small heating element. When a drop of ink needs to be added to an image, the element quickly heats up and forms an air bubble within the

ink. The bubble forces ink out of the print head then the bubble bursts and a drop breaks off.

With a thermal ink jet printer, the print head moves on a bar back and forth across the paper. Within the print head are multiple print nozzles. The number of nozzles vary by printer, and even by color. For example, the Canon i850 Bubblejet has 320 nozzles in the black print head, 512 in cyan and magenta, and 256 in yellow.

Thermal printers are easy to maintain and provide photographic quality to the naked eye, if the correct paper is used. Canon and HP Deskjet and Photosmart printers are thermal printers.

Piezoelectric

The piezoelectric effect is the term used to describe how a crystal changes when subjected to an electric field. It will either expand or contract. So instead of using heat to create a bubble as the thermal printer does above, an electrical charge is added causing a crystal to expand. Remove the charge and it contracts. Epson is the main player in the consumer piezo printer market.

Piezo printheads are typically single units with all colors included and they are a permanent part of the

printer. The number of print nozzles vary by printer. Printers destined for an office environment will have more black nozzles for faster text printing. Advantages to the piezo printers are fine image detail and the range of media that one can print to. Disadvantages are maintenance and repair is expensive, and print speeds can be slower than thermals.

Now that you have the basics of print technology, which printer to choose?

The questions that you have to ask yourself are: What size output? What kind of quality? What type of media? How permanent? How fast? How loud?

How expensive?

What size output? Desktop printers usually can't print anything wider than 24 inches and that is dependent on model. You can add to your width by turning the image sideways and using a printer that supported roll-mounted paper. An example of this would be Epson's Stylus Photo 2200 or HP's CP1700 series.

What kind of quality? What affects the quality of a print are the printer's resolution, the number of colors, and the size of the ink droplet. Currently shipping printers

are all of a high enough resolution that you would be hard pressed to discern the difference in dpi's with the naked eye. The number of colors will have a noticeable effect. If you need to print photographic quality, choose a six- or seven-color printer. As far as dot size, the Epson piezo printers will give finer detail due to their technology on certain types of paper. I have a Canon thermal printer at home and even though the experts say that the Epson would be better quality, I can't fault my Canon for photo prints.

What kind of media?

Desktop printers have fewer options for paper. Most printer manufacturers recommend that you use their paper with their printers. They claim to have engineered paper coatings specific to their ink. This may be true, but I have used Epson paper in my Canon printer and it worked as well as the paper that came with the printer. Epson has the widest range of paper sizes and types available.

How permanent?

The permanence of a printed image is based on the ink and paper combination, as well as how the image is stored or displayed. Consumer desktop printers either use inks that are based on dyes, or pigments. Dye inks can fade faster than pigment inks. Canon and HP use dye-based inks. Epson has some models that are pigment based, others are dye based. Epson Stylus C64 and C84 series ink jet printers, and the Epson Stylus CX5400 and CX6400 All-In-Ones, use the pigment based DURAbrite Ink. The EPSON Stylus Photo 2200, the EPSON Stylus Pro 7600, and the EPSON Stylus Pro 9600 use UltraChrome pigment ink. Printer manufacturers will estimate print longevity using the paper that will have the best performance. Use these as estimates.

How fast? Print speeds for desktop printers are measured in pages per minute. Rule of thumb: If you are printing a high-quality, 8-x-10-inch photo, you'll probably be able to get

other work done while the image prints. Four-color and printers destined for the office will have faster print speeds than photographic quality printers.

How loud?

Check the noise level on the printer so you get an idea of how loud it will be. Most people aren't bothered by ink jet printers (remember how loud the old ImageWriter was?), but compare them to these standard levels in decibels:

Quiet whisper = 15 - 20 db
Airport terminal = 55 - 65 db
Subway = 90 db
Loud rock music = 115 db

How expensive?

In addition to the actual price of the printer, ink makes up most of a printer's cost. Be sure to compare prices of consumables when you shop so you know in advance how much you'll have to pay.

Recent Printer Reviews

I searched a few websites for ink printer reviews. Here's a quick synopsis:

Macworld Magazine, May 2003 -- Preferred printer was the Canon i850 for best all-around, doing a great job with both text documents and photos.

<http://www.macworld.com/2003/03/reviews/inkjetprinters03/>

ZDNet, November 2003 -- Epson Stylus Photo 2200 and Canon i560 tied. Photo 2200 had "first rate output quality" and the i560 was "excellent value."

http://reviews-zdnet.com.com/Printers/4521-6528_16-1008525-1.html?tag=dir-tp

MacWorld Magazine, February 2003 -- Epson Stylus Photo 960. Widest range of paper-handling options and image sizes; best output.

<http://www.macworld.com/2003/02/reviews/6inkhetprinters/>

You are now loaded with printer information. Here are my recommendations (look for specials below):

For a good all-around printer that prints very good photos: Canon i850 Bubblejet Printer USB for \$149.

For a fast office printer: HP Deskjet 5650 for \$152. Up to 21 pages per minute in laser-quality black.

For photo printers:
High-end, wide format - Epson 2200 Wide Format 7-color with UltraChrome ink - \$675
Mid-priced - Canon i900D Photo Bubblejet Printer USB (\$100 Manufacturer's rebate) - \$245
Lower-priced - Epson Stylus Photo 820 Silver (refurbished) - \$65

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mini'app'les

The Minnesota Apple Computer Users' Group, Inc.
P.O. Box 796, Hopkins, MN 55343-0796

Membership Application, & Renewal Form

Name: _____

Company (if mailed to): _____

Address: _____

City, State, Zip: _____

Phone # (Home): _____

Phone # (Work): _____

Phone # (cel-phone): _____

Occupation (if Applicable): _____

Membership ID # (if Renewal): _____

e-mail: _____

Check if OK to contact you by e-mail.

Check if this is a change of address notice.

Check if you are interested in volunteer opportunities.

Check if you want your name added to Members Helping Members List.

Check if you want your name withheld from commercial and other non-club mailing lists.

Check if you were referred by a club member (if so give members name).

New Members & Renewing Members

Specify your level of support:

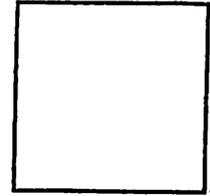
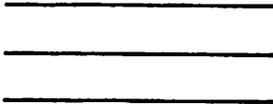
- \$25.00 One Year
- \$45.00 Two Year
- \$60.00 Three Year
- \$15.00 Student One Year*(must be a full-time student at an accredited institution)
- \$100.00 Corporate One Year

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Last Fold - Seal with Tape



Attention:
 Membership Director
 Software Director

Mini'app'les
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Hopkins, MN 55343-0796



2nd fold

1st fold

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 Software Director

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