

## GETTING TO KNOW YOUR EQUALIZER

The iTunes *equalizer* lets you boost and attenuate various frequency ranges; think of it as a very sophisticated set of bass and treble controls. You might pump up the bass to make up for small speakers. You might boost the high frequencies to make up for aging ears. Or you might increase the mid-range frequencies to improve the clarity of a spoken recording.

The iTunes equalizer (EQ) divides the audio spectrum into ten *bands*, and provides a slider that lets you boost or attenuate frequencies in each band. The bands start at 32 hertz (Hz), a deeper bass than most of us can hear, and go all the way up to 16 kilohertz (kHz), which, while short of dog-whistle territory, approaches the upper limits of human hearing.

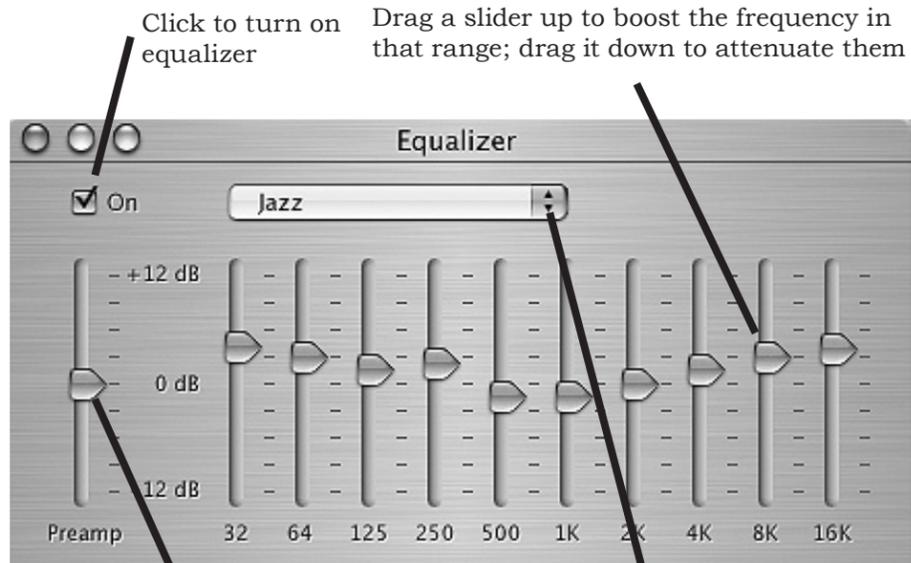
iTunes provides more than 20 equalization presets from which to choose. You can listen to all your music with one setting applied, or you can assign separate settings to individual songs. You can also adjust EQ settings by hand and create your own presets.

To display the equalizer, click the Equalizer button near the lower right corner of the iTunes window, or choose Equalizer from the Window menu.

**Creating Your Own Preset**  
1. To save a customized preset, open the Equalizer, make your settings, pull down the pop-up menu under Manual, and then choose **Make Preset** from the preset pop-up menu.

2. Type a name for the preset and click OK. The new preset appears in the popup menu.

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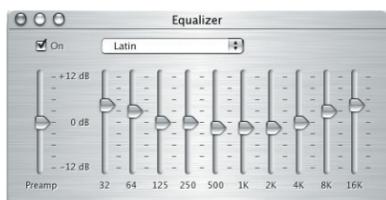
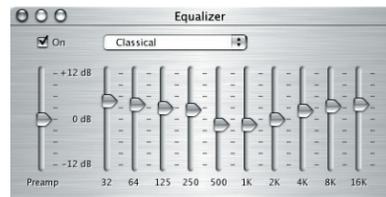


The pre-amp boosts or attenuates the volume for all frequencies

Choose a preset, create a new preset, or manage your lists of presets

### Presets that Make You Smile

You may have noticed that many of iTunes' presets have a smile-like appearance: the low and high-frequency ranges are boosted to a greater degree than the mid-range frequencies. Audio gurus call this shape the Fletcher-Munson curve. It reflects the fact that, at most listening levels, our ears are less sensitive to low and high frequencies than they are to mid-range frequencies. Chances are your stereo system has a Loudness button. When you turn it on, the stereo applies a similar curve to make the music sound more natural at lower volume levels.



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# HACKette

NEWSLETTER OF APPLE/MACINTOSH USERS' GROUP OF HAMILTON VOL. 20 NO.4 DECEMBER 2002

The next meeting is on:  
**Wednesday**  
**December 11, 2002**  
**7:30 P.M**

## Presenting The One The Only Colin Smith



COMING MEETINGS...  
**January 8, 2003**

HACK is a member of



NEXT EXECUTIVE MEETING...  
**January 13, 2003**  
at  
**Phil's**

The HACKette is produced with  
InDesign 2.0



### A MESSAGE FROM THE PRESIDENT

Another year is ending, and it as been Alan Adams. Just send Alan an e-mail a successful one for HACK. We have and you will get the profiles as a plug-in had some excellent presenters, and for PhotoShop.

are finishing with a great one in Colin Smith, from Adobe. Not only have they tradition by meeting at the home of been great speakers, but almost 2000 Caroline Fehr. Once again, as last year, dollars worth of "door prizes" were we will have the honour of Colin Smith, of Adobe, as our presenter. Colin's presentations are always very informative and entertaining. He not only knows everything that's new and exciting about speakers.

We also welcomed two new members to Adobe products, but demonstrates it the executive, Karen Walton and Lorimer in his own inimitable way. A true Mac Rutty. Genius. Maybe he will have an update on

If you missed Valeriy Zevin's presentation "Survivor Backyardia" for us. on colour, you missed a lot. Valeriy's Thanks to Caroline for hosting this presentation was full of information meeting.

on how to correct colour in photos, to On behalf of the executives and myself I setting colour properties in your graphic would like to wish you all a very Merry program. He also offered his own colour Christmas and a Happy New Year. setting profile, that you can get from See you all on Wednesday

Dave Walton

### WHAT WOULD HAVE HAPPENED IF IT HAD BEEN THE THREE WISE WOMEN INSTEAD OF THE THREE WISE MEN

\*they would have asked for directions

\*arrived on time

☉helped deliver the baby

☿cleaned the stable

❖brought practical gifts

☞and made a casserole





Thanks to Don Nicklin we now are much more comfortable with OS X

### HELPFUL HOLIDAY DIET TIPS

- 1.If no one sees you eat it, it has no calories
- 2.If you drink a diet soda with a candy bar, they cancel each other out
- 3.If you eat standing up, it doesn't count!
- 4.STRESSED is just DESSERTS spelled backwards
- 5.If you eat the food off someone else's plate, it doesn't count
- 6.Cookie pieces contain no calories because the process of breakage cause calorie leakage
- 7.Food used for medicinal purposes have no calories. This includes: any chocolate used for energy, brandy, cheesecake, and Haagen-Daz Ice Cream
- 8.When eating with someone else, calories don't count if you both eat the same amount

9.Movie-related foods are much lower in calories simply because they are a part of the entertainment experience and not part of one's personal fuel. This includes: Milk Duds, popcorn with butter, Junior Mints,



Just before Christmas, an honest politician, a generous lawyer and Santa Claus were riding in the elevator of a very posh hotel. Just before the doors opened they all noticed a \$20 bill lying on the floor. Which one picked it up? Santa of course, because the other two don't exist!



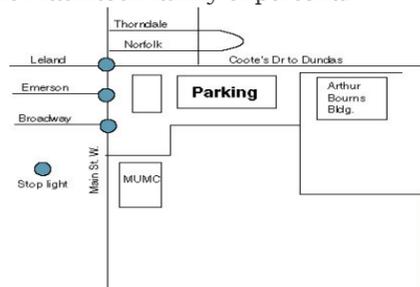
**FOR SALE**

SCUZY Scanner - CHEAP  
Gary Wilson 905-627-0413

The Apple Macintosh User Group of Hamilton is a non-profit organization that meets informally at 7:30 PM, the second Wednesday of each month in: Room AB162, Arthur Bourns Bldg., McMaster University.

This group is made up of users of the Apple Macintosh family of personal computers, whose interests range from word processing to publishing, music, and games to formal presentations, art to accounting and often times . . . more. Our main purpose is to provide a forum for questions, solutions and inspiration for everyday computing.

For more information about the user group, please attend the next Club meeting or contact a member of the executive.



### EXECUTIVE

Visit our Web Site at [www.hamiltonmacintosh.com](http://www.hamiltonmacintosh.com)

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#### Submissions for Next Issue

December 20, 2002

### THE DEAL ON OS X

1) OS X is ROCK SOLID! To date, I have never seen my System crash. And I have read only a few instances of this happening to others. Yes, apps may crash on occasion. But that is where another benefit of OS X shines through. If an app in OS 9 crashes, what must you do? Reboot your whole Mac! In

OS X, just reboot the app! Which brings me to another point:

2) You no longer have to worry about assigning memory to applications in the Get Info window. OS X handles all of it, itself. OS X handles memory like a champ. OS 9 DID NOT! OS X, however, loves RAM. Put as much RAM into your Mac as you can afford. It will run faster and be more stable... And with OS X's strengths, you can run more apps, anyway! I have my web browser, email app, iTunes, Quicken, two different instant messaging apps, a calculator, even iMovie, all running at the same time. The system doesn't even flinch.

3) Although OS X's UNIX heart is a venerable one, OS X itself is very new. Update after update, it is getting faster and faster as Apple optimizes it's code. Currently even the latest version ("Jaguar") is slower than OS 9 in some chores (window resizing being one of them). But OS X is faster and much more flexible than 9 in others. You can do more things at the same time

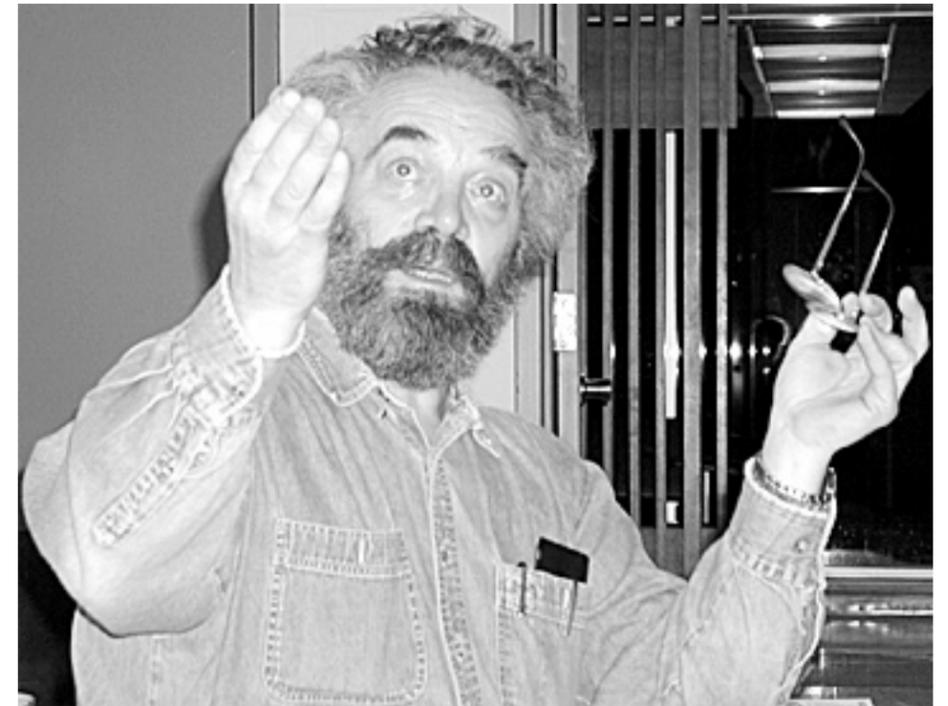
with OS X than you can with OS 9. You can have your browser downloading an installer, your Email app getting your mail, your word processor printing a document and your MP3 app ripping music off of a CD, all at the same time. OS X can manage it all. OS 9 would suffer a heart attack.

4) I have found that OS X is WAY FASTER at copying (or deleting from the Trash) A LOT of small files than OS 9. OS 9 really seems to slow to a crawl when copy A LOT of small items.

5) I love the Dock.

6) I REALLY love the Dock.

7) I REALLY REALLY love the Dock.



Valeriy Zevin sharing his great knowledge of colour with our group

8) if you have a small monitor, the Dock can be easily resized, right from the Desktop. You can also set it to be hidden; popping up only when your mouse hovers over it. Even with my 21" monitor, I set it to hide.

9) I love the fact that I can boot an app, and while it's launching—splash screen and all—I can switch over to another loaded app and keep working. Not even the booting app's splash screen can bother OS X.

10) Force quitting a stalled app is no problems. On the odd occasion that I have to do it, I don't even think twice about it (unless I haven't saved the document... Then, it's the same old bummer)

11) Open, Save and Dialog windows are now called "sheets". They are attached to the document in particular that they are referring to. What this means is, if you have more than one document open and a sheet pops up for one of them, you can continue working on the other document!

12) Beauty is in the eye of the beholder, but I think that OS X looks absolutely amazing! MS gave it a good try with XP's "Luna" interface, but it looks like a Fischer-Price toy compared to the photo realistic, refined and brilliant look of OS X's "Aqua" interface.

MacDuff

### HERE ARE SOME OS X LINKS

Apple's main OS X page:

<http://www.apple.com/macosx/>

Here is a list of OS X's features:

<http://maccentral.macworld.com/news/0103/24.xday.shtml>

Some info on installing OS X:

<http://www.apple.com/macosx/upgrade/install.html>

This is an EXCELLENT PDF on comparing where and how OS X does stuff compared to OS 9. It is one chapter from book by Robin Williams, that covers EVERY aspect of OS X's layout.

<http://www.santafemug.org/robinOSX.pdf>

Another primer. Less simplistic than the above one, but covers other things:

<http://www.stanford.edu/group/its-crc/osx/osxguide.pdf>

Here is an in-depth primer on OS X:

<http://maccentral.macworld.com/news/0103/24.primer>

Here are links to other OS X info pages:

<http://www.jumpserve.com/blanco/2001/03/24.html>

More info here: <http://www.cgc.maricopa.edu/osx/index.html>

Some caveats about OS X:

<http://www.cgc.maricopa.edu/osx/challenges.html>