

Go to a Section

Site Search:

[NYTimes.com](#) > [Technology](#) > [Circuits](#)

Advertisement

All Over the Living Room, An Acoustic Sweet Spot

Eric A. Taub

Published: September 30, 2004

One nice thing about a new home theater is all the new friends you get along with it. But for the guests seated in the corners, the viewing and listening experience can be less than optimal. The screen may look dimmer and the sound quality deteriorates.



But a new technology incorporated into Denon's new AVR-5805 audio-video receiver aims to take care of at least the audio problems. The technology, MultEQ, adjusts speaker response to fit a room's characteristics and enlarges the acoustical sweet spot.

MultEQ, developed at the University of Southern California's Integrated Media Systems Center, sends a test signal from the receiver that is monitored through a microphone attached to the unit. The unit alters frequencies to match what a listener should be hearing. "We can blur the boundaries to get better audio representation across the room," said Chris Kyriakakis, the technology's creator.

MultEQ isT currently only in Denon's flagship receiver, which costs \$6,000, but will soon appear in other models. Eric A. Taub

ARTICLE TOOLS

- [E-Mail This Article](#)
- [Printer-Friendly Format](#)
- [Most E-Mailed Articles](#)
- [Reprints & Permissions](#)

ARTICLE TOOLS SPONSORED BY **IN SELECT CITIES OCT. 1**

Subscribe to Circuits

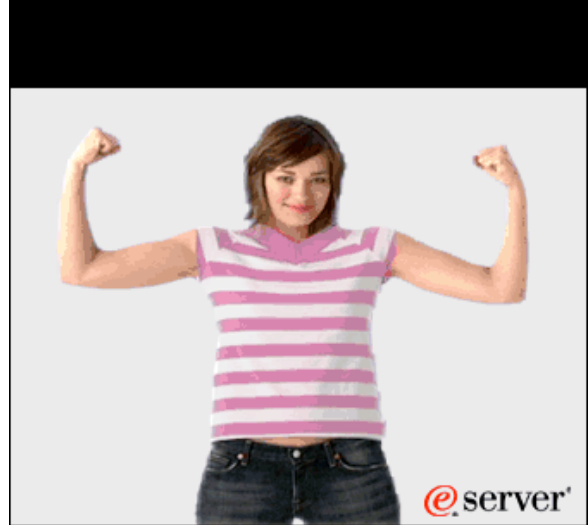


Sign up to receive a free weekly Circuits newsletter by e-mail, with technology news and tips and exclusive commentary by David Pogue, the State of the Art columnist.

TIMES NEWS TRACKER

Topics	Alerts
Create Your Own	Manage
Most Popular Alerts	Take a Tour
CLICK HERE TO SUBSCRIBE	

[Special Offer: Home Delivery of The Times from](#)



FLEX YOUR LINUX MUSCLES

The new IBM eServer OpenPower System



- POWER5 processing delivers outstanding performance/reliability
- Consolidate mission-critical 32- and-64-bit apps on one server



Why Linux? Why Power? Why Together?

Find out how to add Linux muscle to your business at a special Webcast. [Click to register.](#)

REAL ESTATE

explore.nytimes.com

Check out the new studio apartments in New York City that cost more than a million dollars.



- [What makes these apartments so spectacular?](#)
- [What can \\$300,000 buy you in Bay Ridge?](#)

ADVERTISER LINKS

[what's this?](#)

[Audio/video Receivers](#)

Save by finding bottom line prices! Review Merchant & Product Ratings.
www.pricegrabber.com

[320 Avr Harmon Kardon](#)

Shop for Stereo Receivers! Find, Compare and Buy
www.Shopping.com

[Audio Video Receiver](#)

Brand Name Receivers 40%-80% Off. Shop on Your Online Outlet Store!
www.overstock.com

OUR ADVERTISERS

[Middleware is Everywhere. Can you see it?](#)



TOP NYTIMES.COM ARTICLES

- [Baseball Returns to Washington as Expos Move From Montreal](#)
 - [Two Sentenced to Death in Yemen for Bombing U.S.S. Cole](#)
 - [Kerry Sees Debate as Chance to Shed 'Flip-Flop' Label](#)
 - [At House Hearing, Quips, Insults and Some Official Business](#)
- Go to [NYTimes.com Home](#)

TOP TECHNOLOGY ARTICLES

- [TV Humor With a Digital Punch Line](#)
 - [For Neglected Video, a Hollywood Touch](#)
 - [What's Next: Time on a Chip: The Incredible Shrinking Atomic Clock](#)
 - [Outsourcing Finds Vietnam](#)
- Go to [Technology](#)

Copyright 2004 The New York Times Company | [Home](#) | [Privacy Policy](#) | [Search](#) | [Corrections](#) | [RSS](#) | [Help](#) | [Back to Top](#)