



Subscribe - Reader Support - Advertise with Us - Privacy Policy - About Arc

Tune Up Recommended

To improve your PC Performance, click Start

1. Automatic Tune Up [dropdown] [Start button]

[More Info](#)

The Funnies Living Today Entertainment Home & Family Business Knowledge



In Knowledge:

- » [History and Quotes](#)
- » [Science & Technology](#)
- » [Trivia](#)
- » [Vocabulary](#)

Search All News:

[Search box] [Go button]

Ads by Goooooogle

[Surround Sound Made Easy](#)

Niro Single Speaker Home Theater 30 Day No Risk Home Trial
www.niro1.com

[Home Sound Systems](#)

Complete Home Audio & Video Systems Try Gateway for a great price!
www.gateway.com

[Win A Free Home Theater](#)

Learn more about Klegg Audio's extraordinary egg shaped speakers
www.kleggsusa.com

[ArcaMax Publishing Home](#) > [Knowledge](#) > [Science & Technology](#)

Surround Sound System Maps Out Room

Source: United Press International

LOS ANGELES (United Press International via COMTEX) -- A surround sound home theater system has been developed that maximizes the effect for as many as eight locations in a room.

In an average size room, the surround sound system generally would go to the listener in the middle, while everyone else would hear special effects that sound far away or out of place.

But a new system called MultEQ developed by Chris Kyriakakis and his colleagues at Audyssey Laboratories, Inc., uses data from a microphone placed by the listener in any one of the listening locations. The home-theater receiver calibrates by playing a test tone through the main and surround speakers, a tone that is modified by each speaker's characteristics and location, and further altered by the reflections of the sound bouncing off the walls of the room.

The listener repeats the process for each location, such as three spots on a couch, two on a loveseat and one more on a recliner.

The technology is a product of research into "immersive audio" by Kyriakakis and others at the Integrated Media Systems Center at the University of Southern California, one of the National Science Foundation's Engineering Research Centers.

[Printer Friendly Version](#) | [Subscribe to Science & Technology](#) | [Send this page to a friend](#)

- [Printer Friendly Version](#)
- [Subscribe to Science & Technology](#)
- [Send this page to a friend](#)

[Back to top](#)

This news arrived on: 09/30/2004

Subscribe Today!

Get these great stories delivered to your email. Subscribe to: **Science & Technology** today! Enter your email address below:

[Email input field] [Subscribe button]

To confirm your request, please follow the step the confirmation email you'll receive.

Recent Stories in Science & Technology

- ▶ Security Risk to Newest Cell Phone
- ▶ China Touts Plasma Display Technology
- ▶ Russia Celebrates Anniversary of Sputnik
- ▶ Rocket Wins \$10M Prize for Spaceflight
- ▶ Secrets of Smell Land Nobel Prize
- ▶ 'Cool' Fuel Cells May Soon Heat Up
- ▶ Background Noises Can Scramble the Brain
- ▶ Chicago Testing Classroom Microphones
- ▶ The Details on 'Smart Dust'
- ▶ Surround Sound System Maps Out Room

Introducing...
NEW DIET PATCH



Lose up to 30 lbs in just 30 days

Try it Now! for FREE [CLICK HERE](#)

[ArcaMax Home](#) | [Advertise with Us](#) | [Privacy Policy](#) | [Subscribe](#)
Copyright © 1996-2004 ArcaMax Publishing, Inc. All Rights Reserved. All registered trademarks are the property of their respective owners.