

# Remodel Your Speakers, Not Your Studio

There are many factors that affect how a mix translates from system to system. But no matter how well the mics were placed, or how great the performances, room acoustics and the monitors being used in the mixing room are arguably the most critical factors that cause a mix to translate poorly. Most of us don't have the luxury of having studio designer extraordinaire Russ Berger custom design an acoustically perfect monitoring space. But what if you could adjust your monitors to compensate for a poorly treated, or untreated room?

Using JBL's RMC™ Room Mode Correction system, each speaker — whether two for stereo or five for surround — automatically analyzes and compensates for problems caused by low-frequency standing waves and proximity to boundaries. The process is remarkably simple; just plug the LSR4300 calibration microphone into the speaker and push a button — the **LSR4300** meter provides a reference of the output from each speaker in the system. The result is a calibrated listening environment where the monitors truly work in harmony with the room. This creates a stunningly clear and articulate sound stage enabling reliable mixes that translate faithfully to the outside world.

Since a small studio may lack the space to position speakers at the optimal distance from the mix position, the system is automatically aligned so the sound arriving at the mix position from each speaker is synchronized, producing precise

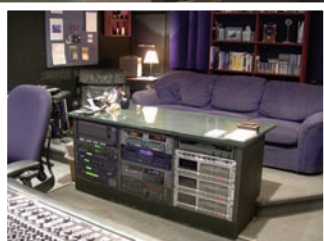
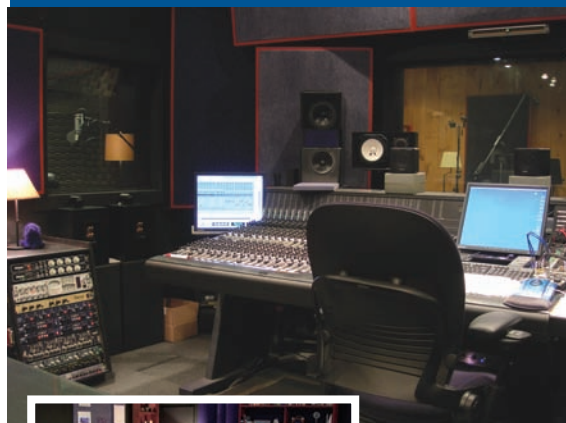
imaging. Adjustment of all parameters can be made via each speaker's front panel, by infrared remote control, or with JBL's Control Center Software (Mac/PC). The LSR4300 monitor provides accurate mixes in any workspace, and is priced well within the reach of any project studio.

Since the company's inception in 1927, the name JBL has been associated with excellence, innovation, and superior sound quality. Live, JBL became the sound of Woodstock and other major rock festivals. JBL studio monitors were ranked first in a U.S. recording industry survey by Billboard. Here's what Chuck Surack, Sweetwater's Founder and President, has to say about JBL: "After 27 years in the studio and retail music technology business, I've listened to hundreds of monitors and seen a lot of technology come and go. The bottom line is I started with JBLs, and have trusted JBL speakers in my studios for years."

>> **JBL LSR4326Ppak • Sweetwater price \$1149.97 • [www.sweetwater.com/lsr4300](http://www.sweetwater.com/lsr4300)**



## Customer Studio: Thomas Eaton Recording



When Thomas Eaton composes, the result is densely layered electronic music that reflects the influence of Tangerine Dream. However, when Eaton records, the project is likely to be an acoustic ensemble or a singer/songwriter. That's the music he built Thomas Eaton Recording (Newburyport, MA) to capture.

"My focus is primarily on producing and recording folk, roots, and acoustic music," Tom says. "I typically help solo artists gather a group of great musicians for sessions where together we turn a basic idea into a finished product. Many world-class players are in the Greater Boston area, and I tend to serve as a connection to that talent pool."

Eaton's studio is a 1,200-square-foot facility with 10-foot ceilings and a homey vibe. He offers clients multiple digital recording platforms: Pro Tools, Digital Performer, Nuendo, and RADAR. An Otari Elite console combines the ease and flexibility of digital with an analog mix.

There are more than 90 microphones in-house. Eaton installed a Hear Back monitoring system purchased from Sweetwater to provide personal monitor mixers for each musician. Other Sweetwater-bought gear includes a Universal Audio 2-610, an Empirical Labs Distressor, and a Royer R121 ribbon mic. On the software side, Eaton has added Spectrasonics Atmosphere and Stylus RMX to his setup. "I've been a customer of [Sweetwater Sales Engineer] Dave Brow's for years," he says. Brow adds, "Tom is really focused on quality. When he adds a piece of gear to his studio, you know it's going to enhance the service he gives his clients." It's working; Eaton's studio was recently named one of the top ten studios in the country for under \$100/hour in *Performing Songwriter* magazine.

Visit Thomas Eaton Recording at [www.thomaseaton.com](http://www.thomaseaton.com).

**Want to see your studio in SweetNotes? Email photos to Mitch Gallagher now! ([mitch\\_gallagher@sweetwater.com](mailto:mitch_gallagher@sweetwater.com))**