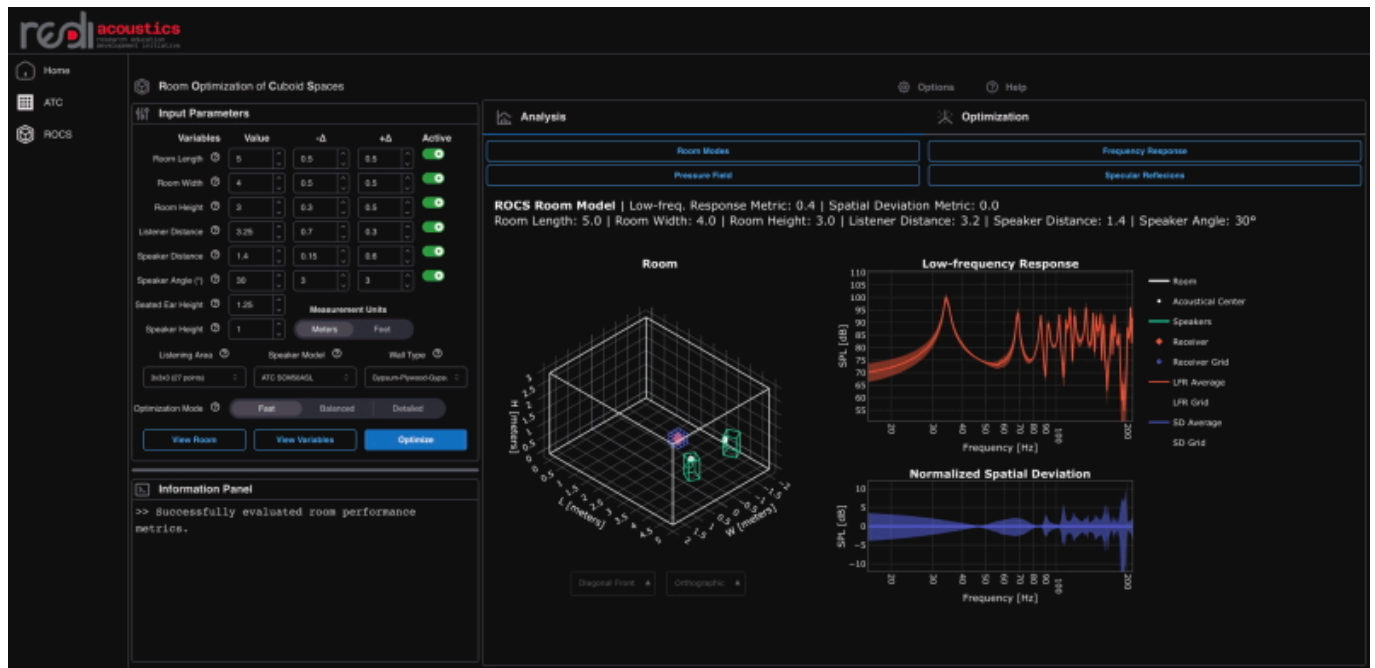# REDI Acoustics ROCS & ATC

Acoustic research and software development firm REDI Acoustics officially announces that its ROCS (Room Optimization of Cuboid Spaces) and ATC (Acoustic Treatment Calculator) tools are now available as web apps through the REDI Acoustics website. Combining decades of real-world experience in acoustics research and design of critical listening spaces with an iterative AI-powered algorithm, ROCS and ATC provide audio engineers, integrators, and designers with a set of easy-to-use tools to optimize the acoustic performance of any rectangular room.

REDI Acoustics' patent-pending technology and approaches have already been used to optimize hundreds of high-end, critical listening spaces around the world – from Mix with the Masters' flagship Rue Boyer Recording Studio, to the personal listening room of audiophile and Absolute Sound Magazine editor Tom Martin. With the release of the ROCS and ATC web apps, REDI has now democratized its findings and given project studio owners, audiophiles, home theater designers, architects, and integrators the ability to utilize these tools themselves. "We've always seen our role in the industry as being educators," explains REDI Acoustics Co-Founder PK Pandey.

REDI Acoustics introduces ROCS & ATC

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"The pursuit of acoustics research and the development of our NIRO, TORA, ROCS, and ATC toolsets have allowed us to share what we know with the industry, and clear up myths and misconceptions around what is required for an optimized approach."

"These web apps put the tools to solve these basic problems in acoustics and room design in the hands of anyone, enabling them to get the most, sonically, out of any cuboid room they can imagine.

Features:

- Optimize room dimensions along with speaker and listening positions
- Improve low-frequency response for clear, accurate sound
- Minimize spatial variation so every seat is the best seat
- Room modes analysis
- 3D low-frequency pressure field visualization
- Detailed early reflection analysis with 3D reflection paths

A customizable library designed for creating bespoke, scientifically precise acoustic treatments for any project.

Features:

- Supports porous absorbers, perforated & slotted panels, membrane absorbers, and low-frequency resonators
- Full frequency analysis from 20 Hz to 20 kHz
- Predicts absorption coefficients & surface impedance in real-time
- Build multilayer treatments and instantly see their performance curves

Pricing

- ATC Only: $9.99/month
- ROCS + ATC: $99.90/month, $269.90/3 months, $999.90/year

www.rediacoustics.com