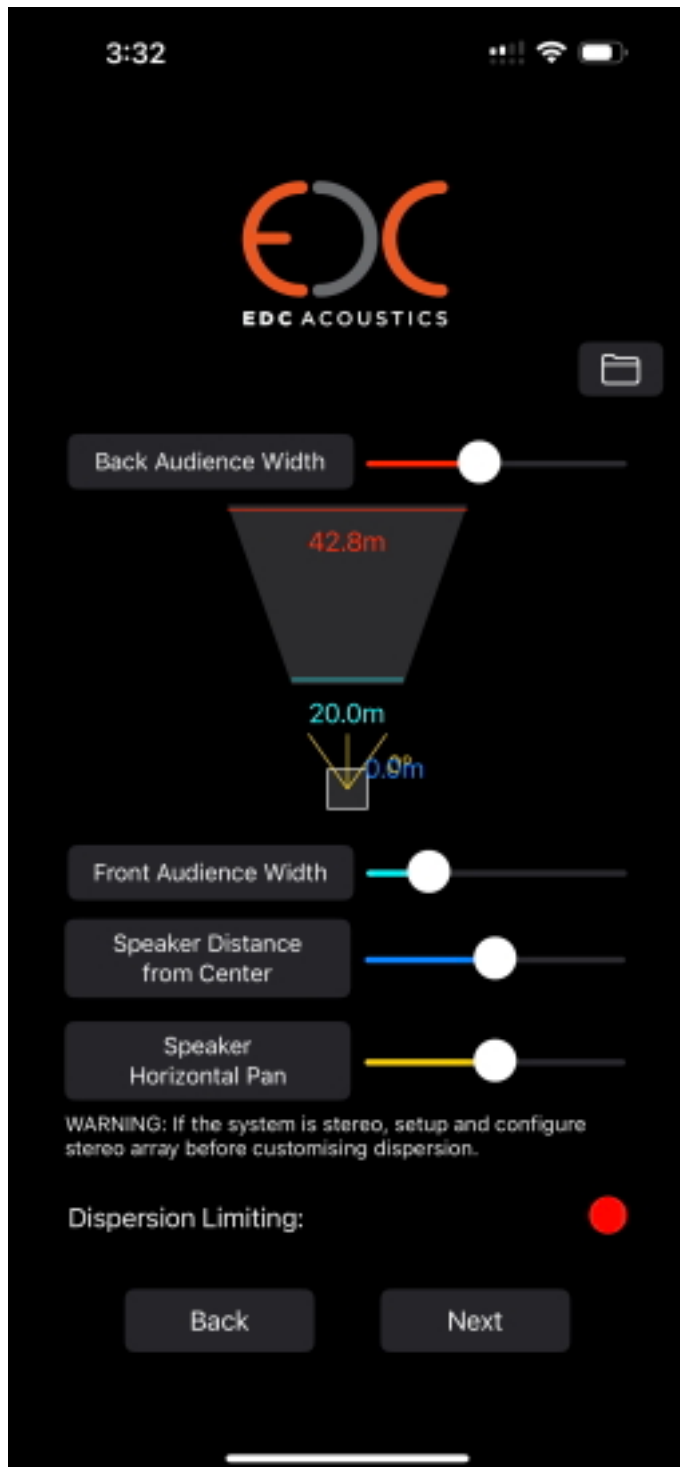


## EDC Acoustics Rapid Room Tuning App



EDC Acoustics, a manufacturer of high-end loudspeaker products, is pleased to announce Rapid, a revolutionary room tuning program designed for use exclusively with EDC Acoustics products. Rapid is based upon the proven and established industry standard EDC Acoustics Pro app, which provides for augmented reality loudspeaker configuration and setup through visual confirmation of defined

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audience coverage areas and real time acoustical analysis and loudspeaker optimization.

Instead of using augmented reality, the new Rapid app utilizes simple and easy preset configurations to allow for rapid analysis and optimization of EDC Acoustic loudspeakers. Additionally, Rapid enables users to deploy custom dispersion configurations by simply entering the room or audience dimensional information (back audience width, front audience width, back row distance, first row distance, speaker height, offset etc.). This allows users to quickly define and commission an EDC loudspeaker system in just a few minutes.

The Rapid app uses the same backend as the Pro version, and still matches over 40 different energy curves for each cross section of audience - applying the most appropriate energy skew, dispersion angle and non-symmetrical offset to match each cross-section in both the horizontal and vertical axis. This ensures all audience spaces are perfectly matched in terms of both sound pressure levels and frequency response - typically within +/-2dB of accuracy for all audience members. Equally notable, it does this while minimizing energy directed outside the defined room/audience shape - minimizing room reverberation, reflections, and environmental noise spill.

Rapid also predicts the frequency response and level of over 2,000 locations within the defined audience area, and the user can send a test sweep signal to be measured by the inbuilt iOS microphone that allows for comparative analysis of predicted VS measured frequency response and sound pressure level. This facilitates high accuracy, as the error is fed back through algorithms to ensure the highest level of precision. A real-world system FIR filter is provided, allowing the operator to tune the speakers to perfectly match the acoustics of any space and automatically deploy a FIR filter within seconds that is naturally phase linear.

Rapid supports mono and stereo EDC Loudspeaker arrays of any size. It also supports no sub, mono sub, and stereo sub configurations. All EDC Acoustics algorithms and system optimizations work for both full range speakers and sub arrays of 3 or more boxes.

Features:

- Ease of operation.
- Very fast room tuning.
- Complex room tuning can occur in minutes.
- Allows for room depth, width, and height.
- Can simulate traditional speaker dispersion patterns such as 120 x 60, 90 x 50, 60 x 40.
- Can also generate beams akin to J Arrays, with 3 versions available.
- On board signal generator and reverberation pulse.
- On board room analyzer and microphone.
- Tuning of EDC equalizers.

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- Tuning of Left and Right speakers can occur simultaneously.
- Designed for multi-channel speaker and cluster tuning.
- Designed as an integral part of the EDC speaker Plane Array revolutionary concept.
- Can tune all 4 speaker beams.
- Tilt and rotation are standard features.
- User EQ, Compressor, Limiter, Delay and Crossover are included in the program.
- Allows analysis of EDC Acoustic speakers and transducers for any faults.

EDC Acoustics Rapid is available for \$35 at the Apple App Store.

[www.edcacoustics.com](http://www.edcacoustics.com)