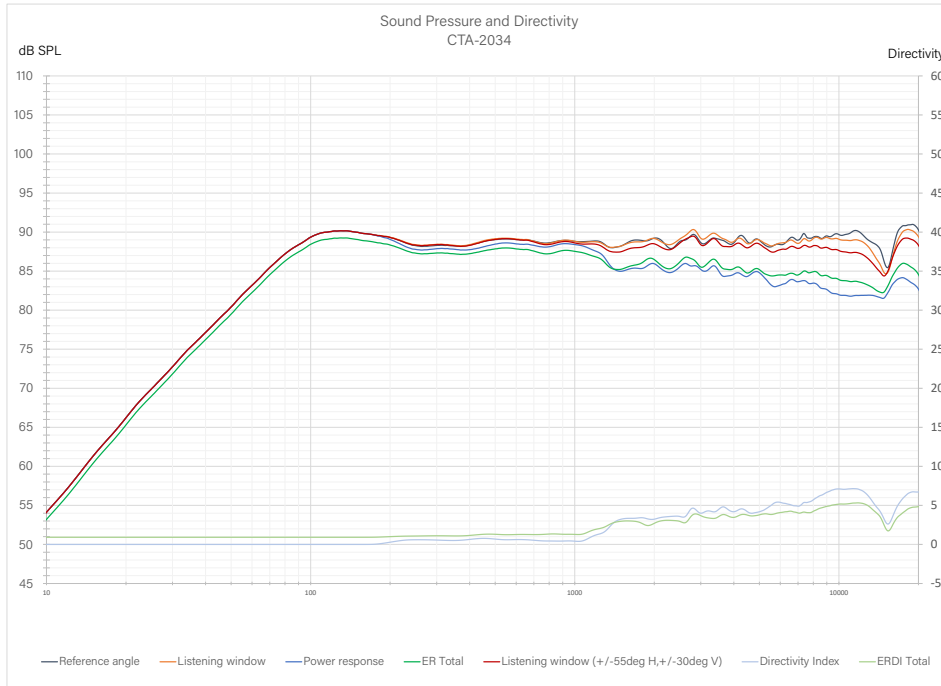
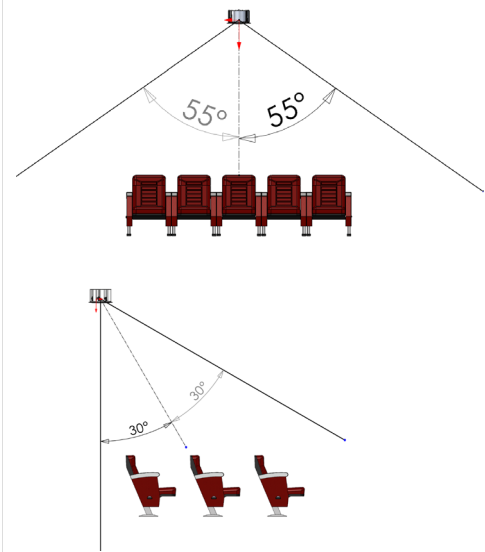


MODEL R3ic IN-CEILING: The perfect solution for high end Dolby Atmos, DTS:X, and Auro-3D applications. Featuring an innovative new waveguide array controlling Mid/High frequencies, centered by our 28mm soft dome tweeter and 28mm soft dome mid. Optimized for in-ceiling applications where a 30 degree reference axis is desired as well as larger listening window in the direction towards the listening space. Extremely versatile - Can be used as L,C,R, surround, height, or wide channel speaker. Once again, all transducers were developed ground up by our engineers sharing largely from with R-Series, based on decades of research, culminating in this world class design. Utilizing advanced Comsol acoustical modeling, the result is one of the most technologically advanced in-ceiling loudspeakers available. This new tweeter/waveguide DPC-Array delivers amazing accuracy, smoothness, and directivity control to handle the critical vocal range and delicate treble. The R3ic also benefits from our unique and proprietary timbre matching technique across the entire R-Series.



INTELLIGENT COVERAGE ANGLE
Next generation Directivity Pattern Control Reference axis at 30degrees with a broader listening window of +/-30V and +/-55H degrees allows ideal coverage for most listening spaces



Preliminary Technical Specifications:

Enclosure Alignment	3-way acoustic suspension
Driver compliment	DPC Array: 28mm silk dome tweeter 28mm silk dome mid Woofers: 165mm Alum frame, HPF pulp
Sensitivity	88.8dB / 2.83v / 1.0m
Impedance	4Ω nominal / 3.0Ω min
Coverage Window (from 30deg Ref)	Horizontal: +/-55 deg Vertical: +/-30 deg
Response Linearity	100 - 20kHz +/-1.5dB window
Frequency Response	59 - 30kHz (-6dB) 46 - 33kHz (-10dB)
Typical In Room bass extension	51 Hz (-6dB) 36 Hz (-10dB)
Overall Dimensions (with grille)	343.3 diam x 194.8mm depth 13.5" diam x 7.7" depth
Recommended cutout	305mm diameter 12" diameter
Weight	20.4lbs. (9.4kg) 11.8lbs. (5.4kg) without enclosure
Recommended Amplifier Power	50 - 200W (with 80Hz HPF) 50 - 125W (full range)
SPL capability @1m (100-20kHz)	111.8dB peak 111.0dB peak <3% 2nd, 3rd Harmonics
Certification	THX Dominus, THX Ultra

Newly developed waveguide array
* Patent Pending



HPF - Hybrid Pulp Formulation. Woofer diaphragm made from mixed long fiber hardwood, bamboo and wool

