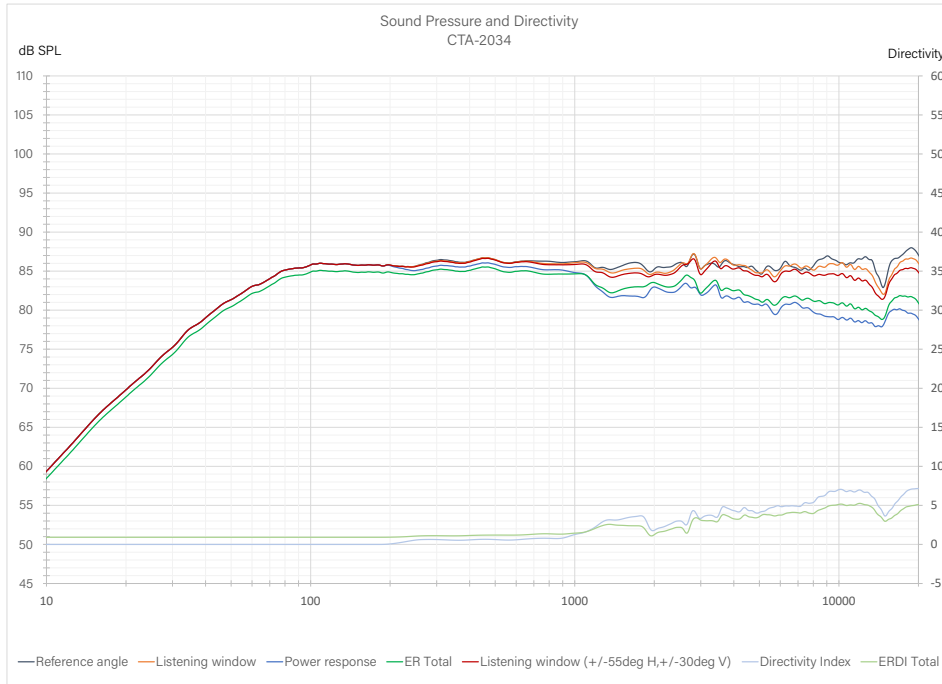
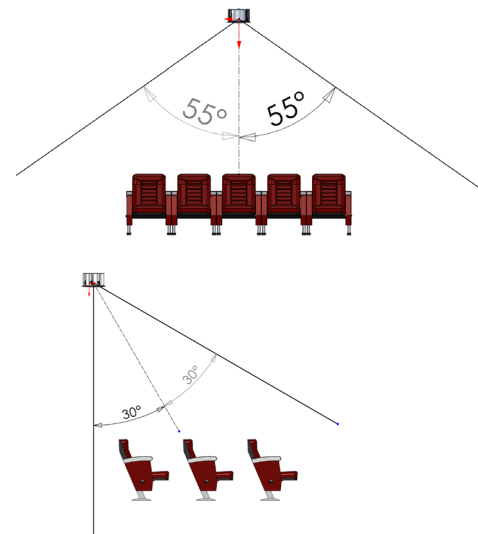




MODEL R2ic IN-CEILING: A great solution for high end Dolby Atmos, DTS:X, and Auro-3D applications. The R2ic is a simplified 2-way version of the R3ic, featuring an innovative new wavguide array controlling Mid/High frequencies, centered by our 28mm silk dome tweeter. Optimized for in-ceiling applications 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 R2ic 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	2-way infinite baffle, optional rear enclosure
Driver compliment	DPC Array: 28mm silk dome tweeter Woofers: 165mm Alum frame, HPF pulp
Sensitivity	86.0dB / 2.83v / 1.0m
Impedance	6Ω nominal / 3.6 Ω min
Coverage Window (from 30deg Ref)	Horizontal: +/-55 deg Vertical: +/-30 deg
Response Linearity	100 - 10kHz +/-1.5dB window
Frequency Response	44 - 27kHz (-6dB) 31 - 32kHz (-10dB)
Typical In Room bass extension	32Hz (-6dB) 22Hz (-10dB)
Overall Dimensions (with grille)	343.3 diam x 153.1mm depth 13.5" diam x 6.0" depth
Recommended cutout	305mm diameter 12" diameter
Weight	11.8lbs. (5.4kg)
Recommended Amplifier Power	50 - 150W (with 80Hz HPF) 50 - 100W (full range)
SPL capability @1m (100-20kHz)	109.5dB peak 109.0dB peak <3% 2nd, 3rd Harmonics
Certification	THX Ultra

Newly developed wavguide array
* Patent Pending



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

