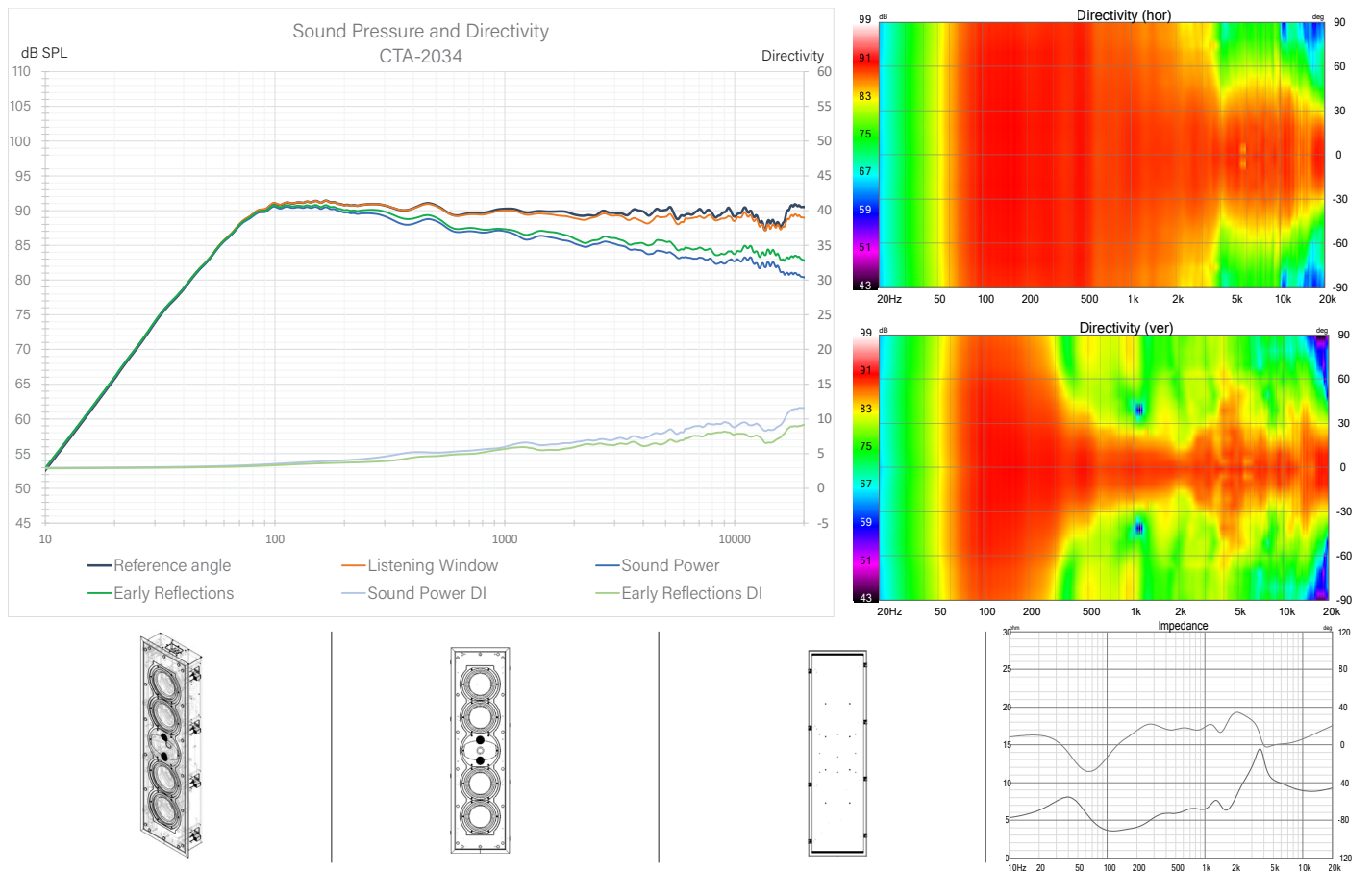




MODEL R7i-LR

DPC Array - Directivity Pattern Control
U.S. patent No. 12,047,738 B1



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



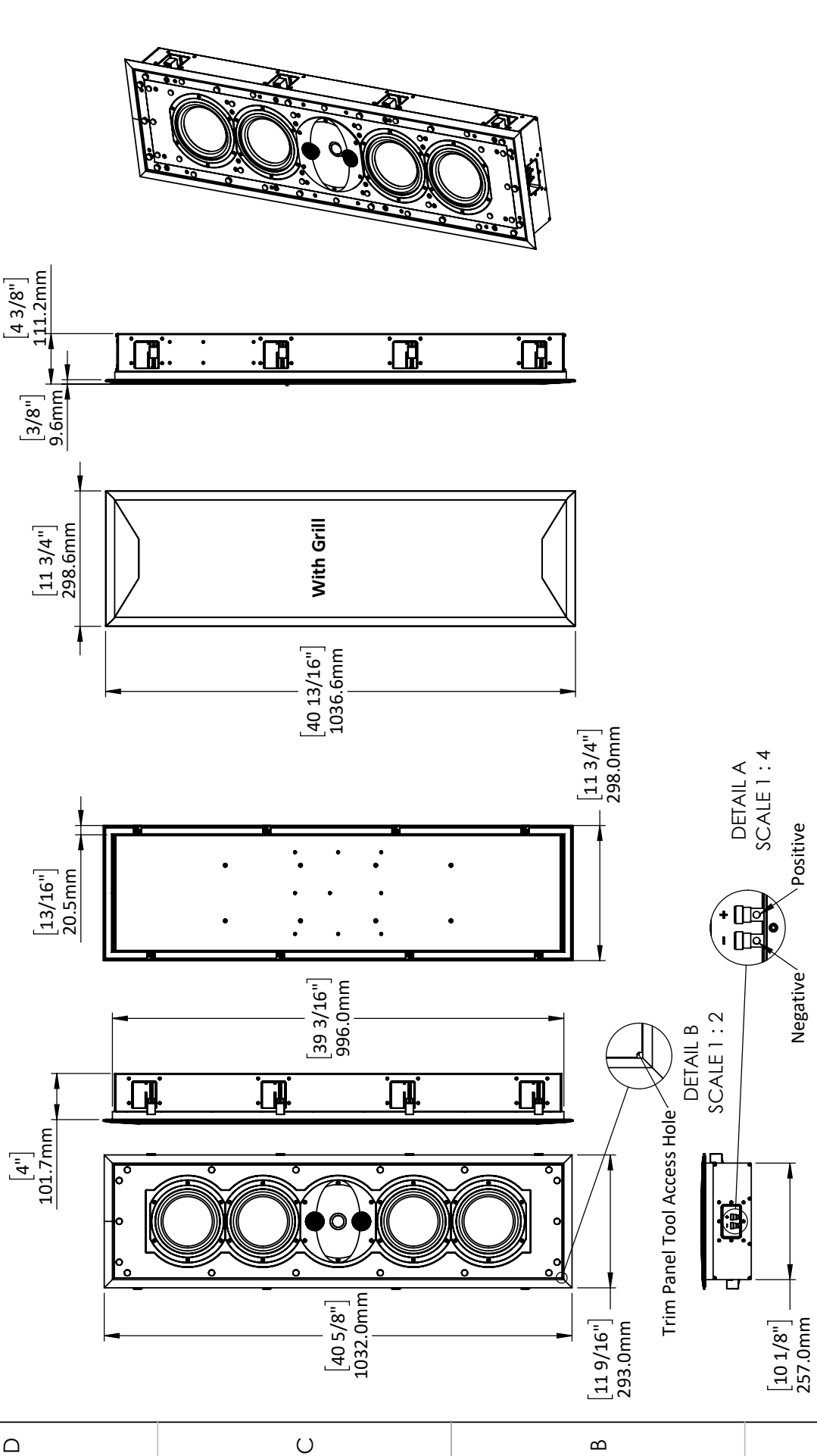
TECHNICAL SPECIFICATIONS

Enclosure Alignment	acoustic suspension
Driver compliment	DPC-Array: 26mm(3) Silk dome Woofers: 165mm(4) HPF diaphragms
Sensitivity	89.9dB / 2.83v / 1.0m
Impedance	4Ω nominal / 3.6Ω min
Response Linearity	80 - 20kHz +/-2.0dB window
Frequency Response (-10dB)	42 - 32kHz
Typical In Room bass extension	35Hz
Dimensions (HxWxD)	1032.0 x 293.0 x 120.8mm 40.6 x 11.5 x 4.8"
Weight	23.1 kg (50.8 lbs.)
Recommended Amplifier Power	100 - 400W RMS
SPL capability @1m (100-20kHz)	115.9dB peak 115.9dB peak <3% - 2nd, 3rd Harmonics
Available finishes	matte black aluminum with white grille

DESCRIPTION

MODEL R7i-LR in-wall - Based largely on the R7t. Adapted for inwall applications. Shallow 4" mounting depth and integral aluminum extrusion rear enclosure insure consistent performance and minimal sound propagation to adjacent rooms. Sharing "trickle-down" technology from our flagship S-Series, the DPC-Array here based on three 26mm domes, guarantees excellent directivity control and timbre matching with all R-Series speakers. The Silk diaphragms developed ground up, chosen specifically their smooth, effortless representation of midrange and treble. The 165mm woofers are made from our proprietary HPF pulp, two years in development, bringing new technology to one of the oldest materials used in loudspeaker design. All R-Series speakers share the same DPC-Array and benefit from our unique timbre matching technique across the entire series.

REVISIONS		
REV.	DESCRIPTION	DATE
1	initial drawing	30-Mar-2025



PERLISTEN <i>perceptual listening experience</i>		
NAME	DATE	TITLE: Sheet1
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SIZE	DWG. NO.	REV
A	R7i-LR_Architectural	1
SCALE: 1:12		SHEET 1 OF 1

Specifications	
Minimum Dog Leg Mounting Thickness	0.437" (11.0mm)
Maximum Dog Leg Mounting Thickness	1.750" (44.4mm)
Product Dimensions (Rear)	10.125" (257.0mm) X 39.212" (996.0mm)
Cut-out Dimensions	10.236" (260.0mm) X 39.330" (999.0mm)