

Horizontal Directivity

Vertical Directivity

Impedance

## MODEL R5m



## TECHNICAL SPECIFICATIONS



Designed to be mounted on optional stand, or mounted to a wall with our tilt swivel bracket. 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. The R5m can be aligned as bass reflex or acoustic suspension depending on specific tastes. Rich, dynamic bass matched with advanced mid/treble directivity pattern control and silky highs offer best in class performance.

### BASIC

**Dimensions (HxWxD)**  
546 x 230 x 336mm  
21.5 x 9.0 x 13.2"

**Weight**  
17.5 kg (38.5 lbs.)

**Available finishes**  
High Gloss Black

### TECHNICAL

#### Enclosure Alignment

3-way bass reflex / acoustic suspension

#### Driver complement

DPC-Array: 26mm(3) Silk dome  
Woofers: 165mm(2) HPF diaphragms

#### Sensitivity

89.2dB / 2.83v / 1.0m

#### Impedance

4Ω nominal / 2.7Ω min

#### Response Linearity

80 - 20kHz +/-1.5dB window

#### Frequency Response (-10dB)

Bass reflex: 40 - 32kHz  
Acoustic suspension: 47 - 32kHz

#### Typical In Room bass extension

Bass reflex: 37Hz  
Acoustic suspension: 43Hz

#### Recommended Amplifier Power

100 - 250W RMS

#### SPL capability @1m (100-20kHz)

113.2dB peak  
111.0dB peak <3% - 2nd, 3rd Harmonics

#### Certification

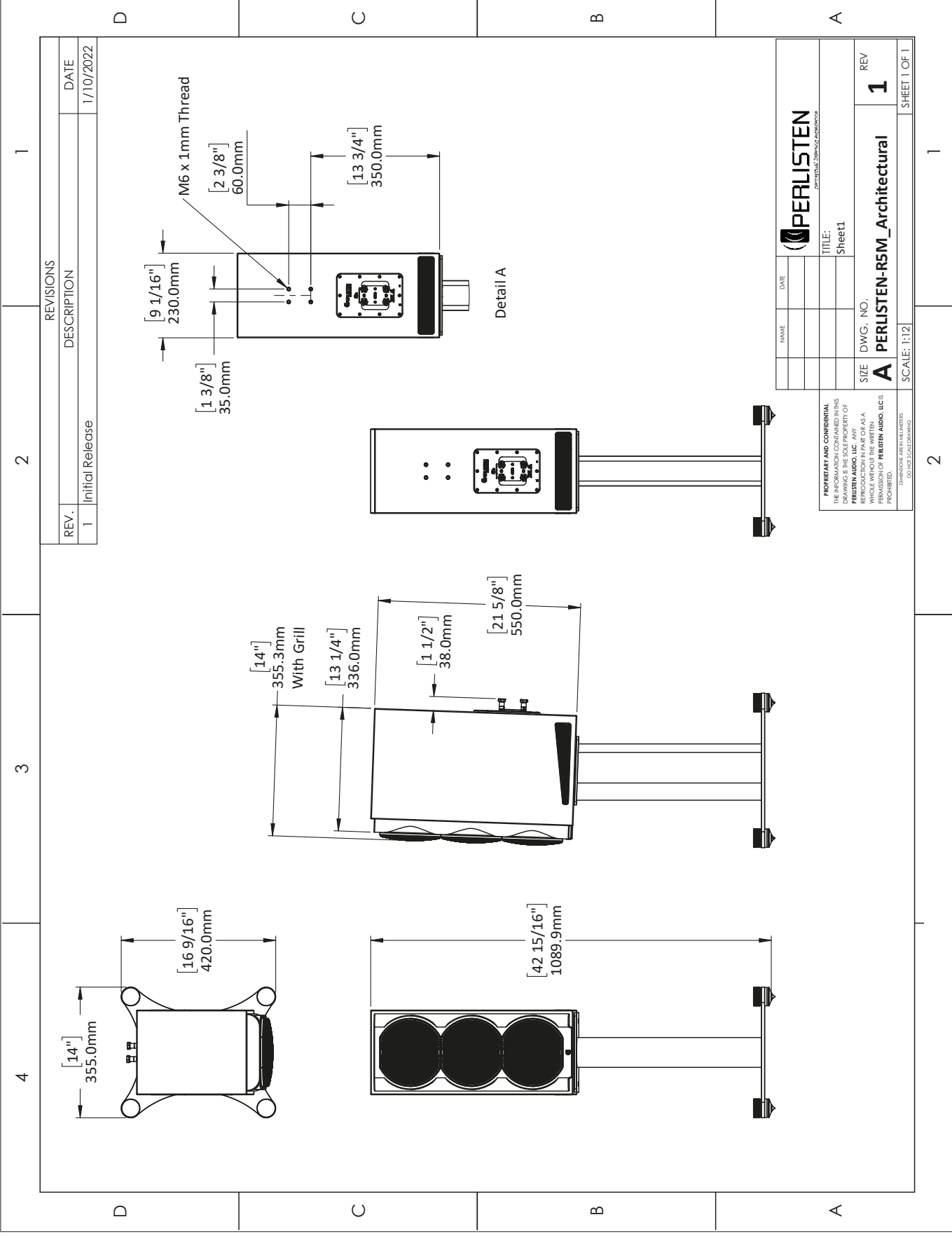
THX Dominus, THX Ultra



**DPC-Array**  
Directivity pattern control  
\*USA Patent pending



**HPF (Hybrid Pulp Formulation)**  
Diaphragms made from mixed long fiber hardwood, bamboo and wool



REVISIONS		DATE
REV.	DESCRIPTION	DATE
1	Initial Release	1/10/2022

NAME	DATE
TITLE: Sheet1	
SIZE	DWG. NO.
<b>A</b>	<b>PERLISTEN-R5M_Architectural</b>
REV	1
SCALE: 1:12	
SHEET 1 OF 1	

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