

MODEL R210s



TECHNICAL SPECIFICATIONS



Designed as a stand alone 2ch high fidelity speaker with the versatility to be used as part of multi-channel systems. 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 R7t 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)
545 x 380 x 450mm
21.5 x 15.0 x 17.7"

Weight
44.0 kg (96.8 lbs.)

Available finishes
Piano Gloss Black

TECHNICAL

Alignment
Push-Pull, acoustic suspension

Amplifier
1.3kW rms short term

Display Interface
2.4" LCD color touchscreen

App
iOS and Android

Processor
32-bit ARM Cortex M4, double precision floating point math

DSP Engine
Ti DSP 48-bit data paths

Driver complement
(2)250mm, Glass fiber diaphragm +/-20mm linear excursion

Frequency Response

- THX EQ
20-290Hz (-6dB) / 16-302Hz (-10dB)
- Boost (Large Room) EQ
16-290Hz (-6dB) / 14-302Hz (-10dB)

- Cut (Small Room) EQ
25-290Hz (-6dB) / 19-302Hz (-10dB)

Inputs
(2) Balanced XLR
(2) Unbalanced RCA

Outputs
(2) Balanced XLR unbuffered
(2) Unbalanced RCA unbuffered

Parametric EQ
10-Band PEQ with 3 user presets

Low Pass filter
bypass, 30-160Hz, slope 6,12,18,24dB/oct

Phase
Variable 0-270°

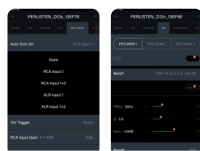
Polarity
normal / inverted

Configurable Auto turn-on and 12v Trigger
XLR 1, XLR 1+2, RCA 1, RCA 1+2

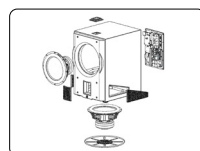
Certification
THX Dominus (4), THX Ultra (1)



App Control
iOS and Android



Advanced APP User interface
Customizable turn-on controls and input selection, multiple PEQ's with presets

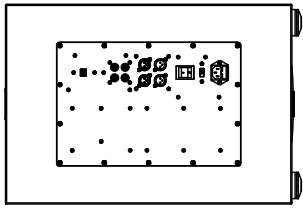
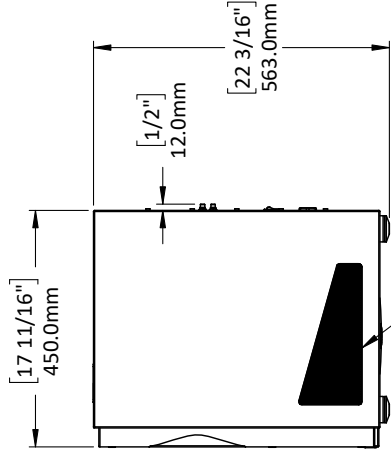
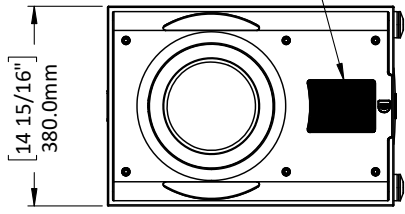
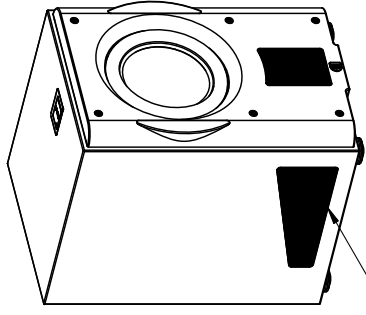
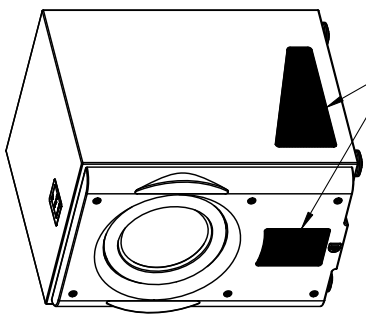
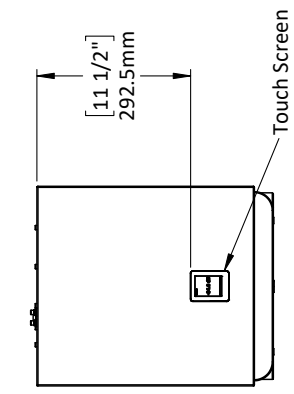


Push-Pull - Asymmetrical
Distortion killer

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REVISIONS		DATE
REV.	DESCRIPTION	
1	Initial Release	1/5/2022

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NAME	DATE	 <small>PERLISTEN AUDIO, LLC</small>
TITLE:		SIZE DWG. NO. A PL_R210s_Architectural REV 1
Sheet1		
SCALE: 1:12		SHEET 1 OF 1

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