

MODEL

D8is SUBWOOFER

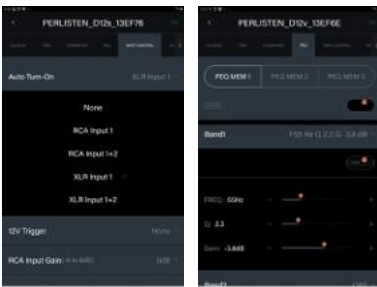


TECHNICAL SPECIFICATIONS

APP Control - iOS and Android



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

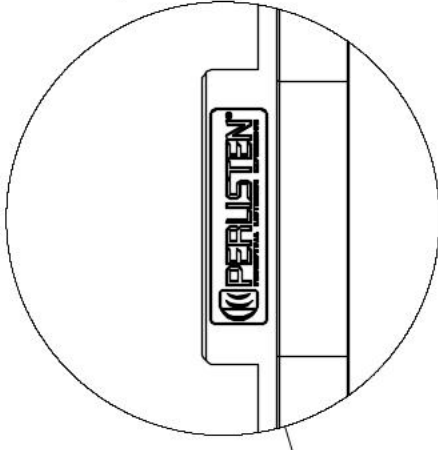
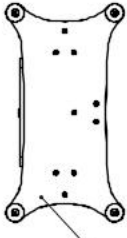
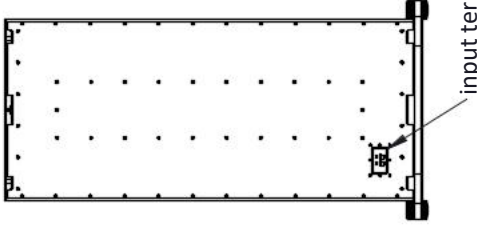
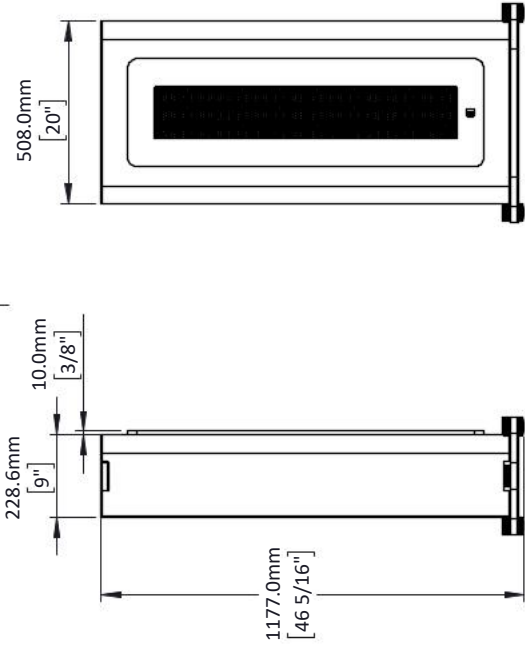
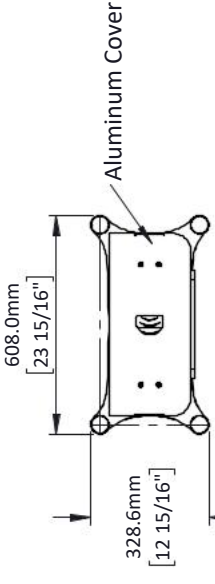
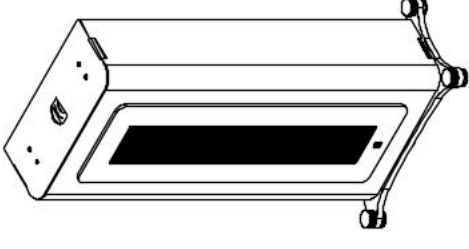


Alignment	Acoustic suspension
Amplifier	3000W rms
Display Interface	2.8" LCD color touchscreen
App	iOS and Android
Processor	32-bit ARM Cortex M4, double precision floating point math
DSP Engine	Ti DSP 48-bit data paths
Driver compliment	(8)215mm (8.5"), Carbon fiber diaphragm +/-18.0mm linear excursion
Reference sensitivity	97.0 dB /150mV/ 1.0m
Frequency Response	THX EQ 20-290Hz (-6dB) / 16-330Hz (-10dB) Boost (Large Room) EQ 16-290Hz (-6dB) / 14-330Hz (-10dB) Cut (Small Room) EQ 25-290Hz (-6dB) / 19-330Hz (-10dB)
Inputs	(1) Balanced XLR (1) Unbalanced RCA
Outputs	(1) Balanced XLR unbuffered (1) Unbalanced RCA unbuffered (1) Digital AES/2
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, RCA
Subwoofer Dimensions overall (HxWxD) *see architectural drawing	1137.6 x 508.0 x 238.6mm (without brackets) 44.8 x 20.0 x 9.4"
Amplifier Dimensions overall (HxWxD) *see architectural drawing	89.0 x 429.2 x 322.4mm 3.5 x 16.9 x 12.7"
Weight	NW subwoofer 103.8 kg (228.4 lbs) NW amplifier 6.1 kg (13.4 lbs) GW packaged 191.1 kg (422.2 lbs)
Available Finishes	Black anodized aluminum matte black

DESCRIPTION

D8is - In its own class. The D8is calls upon all of Perlisten's work over the past decade to create yet another level of fidelity. Push-Pull, of course, for the ultimate in linearity, dynamics and power all at the lowest levels of distortion. Utilizing a unique array of (8)215mm or 8.5" drivers. The new woofer array accomplishes mechanical force cancelling. With each side of the woofer array acoustically 'in phase' and mechanically 'out of phase' The force of each driver's motion cancels the force of its opposing complement. This all results in a dramatic reduction of cabinet vibrations at all frequencies. We have incorporated a proprietary, versatile vibration isolation mounting solution - In-Room, In-Wall or On-Wall, we have thought about all applications as well as creating a superb solution for Waveforming. Driven by our DSP3000A 3kW amplifier and custom DSP, now with the addition of a digital input. Housed in a hybrid aluminum/steel chassis and front facing 2.8" color touchscreen, the amp can be conveniently located on display in-room or hidden away in a separate room with other rack mounted components.

Notes:



DETAIL A
SCALE 1 : 2

A

NAME	DATE	 <small>perlisten audio llc</small>
	12/20/2024	
TITLE:		Sheet1 - Hi-Fi
SIZE	DWG. NO.	REV
A	Perlisten_D8is_Architectural	1
SCALE: 1:20		SHEET 1 OF 3

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REV.	DESCRIPTION	DATE
1	initial	20-Dec-2024

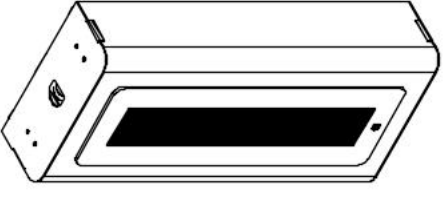
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D C B A

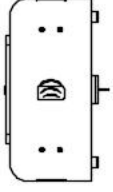
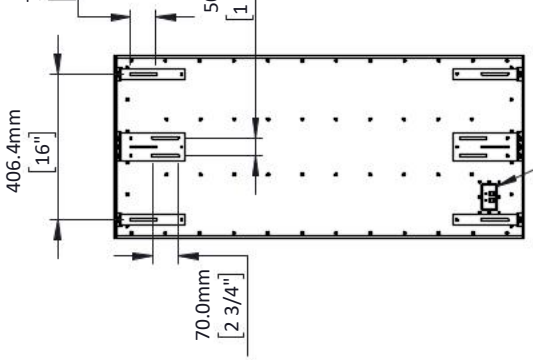
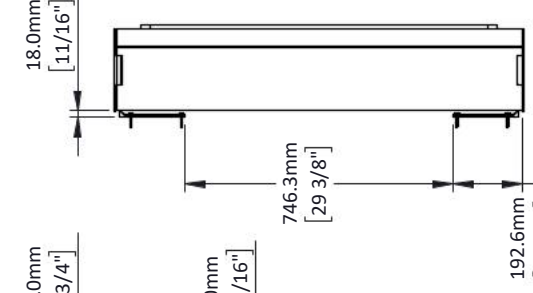
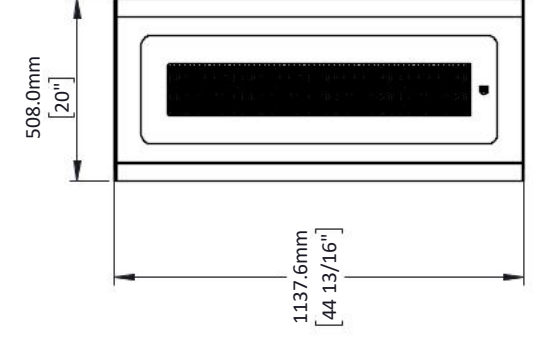
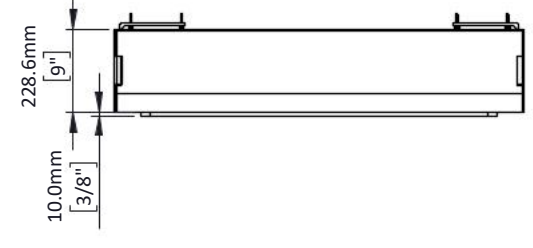
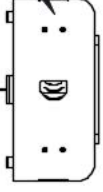
Notes:

Mounting Options:

1. Outer (4x) brackets spaced 16" O.C.
2. Inner (2x) brackets centered



Aluminum cover - 2 places



NAME	DATE
	12/20/2024
TITLE: Sheet2 - ON-WALL	
SIZE	DWG. NO.
A	Perlisten_D8is_Architectural
	REV 1
SCALE: 1:20	
SHEET 2 OF 3	

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REV.	DESCRIPTION	DATE
9	re-design	20241002

1 2 3

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Adjustable brackets for
24 - 29" O.C. studs

655.8mm [25 13/16"]

76.2mm [3"]

10.0mm [3/8"]

228.6mm [9"]

input terminals

Eye-Bolt

108.7mm
[4 1/4"]

1346.3mm [53"]

bracket orientation
can be up or down

Notes:

REV.	DESCRIPTION	DATE
9	re-design	20241002

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PERLISTEN
principals listening experience

NAME	DATE
	12/20/2024

TITLE:

Sheet3 - CI (IN-WALL)

REV

1

SIZE DWG. NO.
A Perlisten_D8is_Architectural

SCALE: 1:20

SHEET 3 OF 3

3

2

1

1

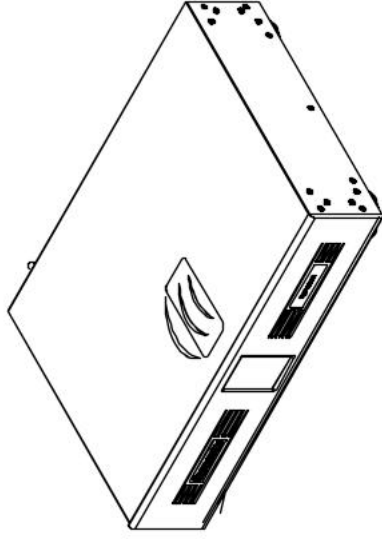
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3

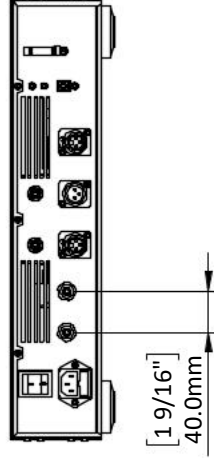
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REVISIONS		
REV.	DESCRIPTION	DATE
1	initial drawing	26-Mar-2025

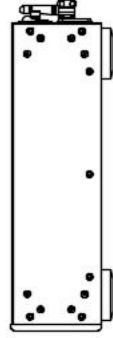
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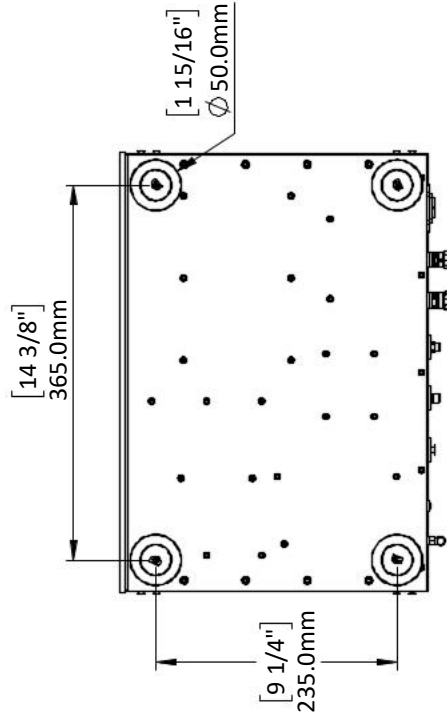
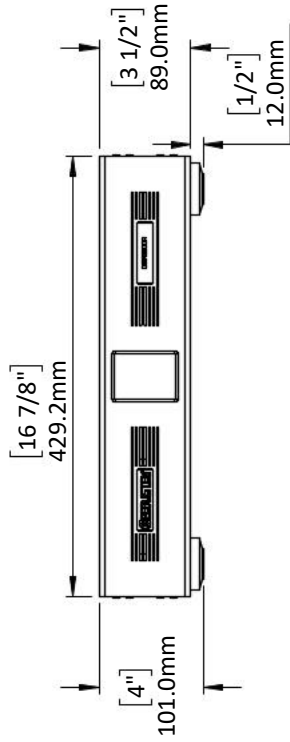
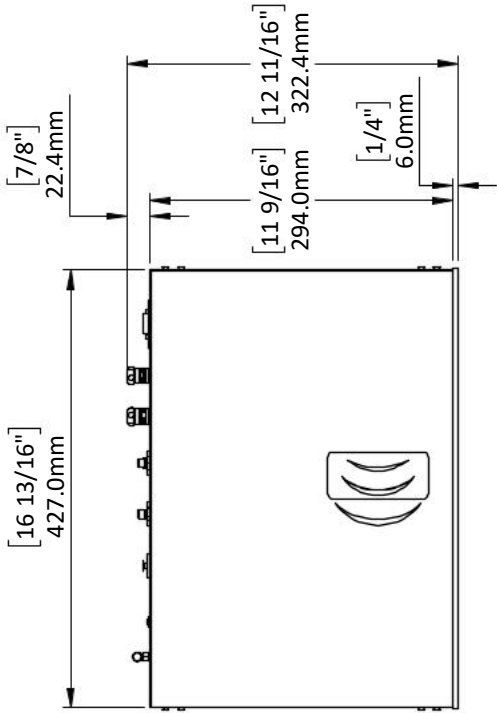


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Notes:

NAME	DATE
	3/26/2025
TITLE: STANDARD MOUNTING	
SIZE	DWG. NO.
A	DSP1500A & DSP3000A_Architectural
	REV
	1
SCALE: 1:1	
SHEET 1 OF 2	

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REVISIONS		
REV.	DESCRIPTION	DATE
1	initial drawing	26-Mar-2025

Notes:

 <small>perlisten listening experience</small>		NAME DATE 3/26/2025
TITLE: RACK MOUNTING		SIZE DWG. NO. DSP1500A & DSP3000A_Architectural
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SCALE: 1:10		SHEET 2 OF 2

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