

MODEL D212s Subwoofer: Dynamic, Accurate, Solid. The audiophile's choice. Where sound quality and Transients free of overhang are paramount. Simply no better expression of bass performance than our push-pull subs. Ground up drivers developed by our team of engineers. Carbon fiber composite diaphragms, multiple aluminum shorting rings, massive magnets, multi-layer Nomex spiders and lightweight aluminum voice coil wire are the key ingredients - Proprietary nonlinear modeling techniques allow us to simulate all these components and then optimize for real world driver performance - free air and in box. Further refinement is done with the aid of Klippel laser measurements to dial things in. To take performance to another level, the push-pull drivers reduce even order harmonics distortion by an additional 10-12dB. Powered by our 3.0kW amplifier, all functions and safeties are controlled by a 48-bit data bath DSP and 32-bit ARM M4 Cortex processor, able to react in microseconds, powerful enough to slam. All D-Series subs share our 2.4" LCD touchscreen display and ability to control advance settings using our App. Certified by THX Dominus, The D-Series subs are the world's first. A testament to the level of design and performance achieved.

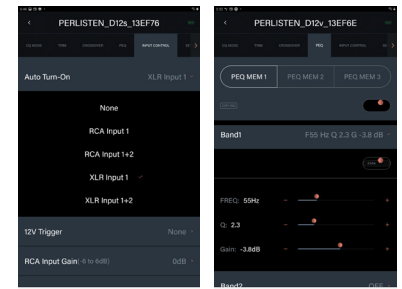
D212s

Technical Specifications:	
Alignment	Push-Pull, acoustic suspension
Amplifier	3.0kW 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 compliment	(2)300mm, Carbon fiber diaphragm +/-30mm linear excursion
Reference sensitivity	92dB / 150mV/ 1.0m
Frequency Response	
THX EQ	20-231Hz (-6dB) / 16-245Hz (-10dB)
Boost (Large Room) EQ	15-231Hz (-6dB) / 13.5-245Hz (-10dB)
Cut (Small Room) EQ	24-231Hz (-6dB) / 18-245Hz (-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
Dimensions (HxWxD)	668 x 420 x 550mm 26.3 x 16.5 x 21.6"
Weight	68.0 kg (149.6 lbs.)
Certification	THX Dominus
Available finishes	piano black custom finishes available

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

