

XLS 10" Passive Radiator



Type Number: 831481

Features:

This new series of state-of-the-art subwoofers continue to enhance Peerless' reputation for delivering the highest quality components for bass in the world. Called the XLS - for "Extra Long Stroke" - these new audio transducers add even more excursion, and completely eliminate distortion. See architecture notes for [XLS Platform](#)

Driver Highlights: Thick Nomex cone, 400 g moving mass. To enable the designer to finetune the moving mass an M5 threaded hole has been added on the mass block. This way extra mass can be added in an easy and simple way. The moving components and the frame are the same as the 10" active driver providing the solid base for a high performance passive radiator.

See application notes for [XLS subwoofer](#)

[Go to Architecture Notes](#)



Specs:

Power handling

Rated Noise Power (IEC 18.1)	--	W
100h RMS noise test (IEC)	--	W
Long-term Max Power (IEC 18.3)	--	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power (IEC 18.2)	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	--	mm
Voice coil height	--	mm
Voice coil layers	--	
Height of the gap	--	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	22	mm
Flux density of gap	--	mWb
Total useful flux	--	mWb
Diameter of magnet	--	mm
Height of magnet	--	mm
Weight of magnet	--	Kg

Misc. Parameters

Effective Frequency range (IEC 21.2)	--	Hz
Performance Temp. range (IEC 25.1.1)	--	°C
Damage Temp. range (IEC 25.1.2)	--	°C
Relative Humidity Range (IEC 25.2.1)	--	%
Damage Humidity Range (IEC 25.2.2)	--	%

Frequency:

Mechanical Dimensions:

