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# SEAS Prestige ER18RNX (H1456) 7" Reed Paper Cone Woofer



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Manufacturer: Seas Prestige

Product ID : h1456

Weight: 4.73 lbs

Manufacturer: Seas Prestige

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<p><b>Seas Prestige ER18RNX (H1456) 7" Reed Paper Cone Woofer</b></p> <p>Developed for use as a long throw high fidelity woofer or woofer/midrange unit.</p> <p>Edge coated reed/paper pulp cone together with perfectly matched moving parts gives a smooth, extended frequency response.</p> <p>Bumped back plate in the magnet system, together with the very long and light weight copper clad aluminium voice coil, allow extreme coil excursion with low distortion.</p> <p>Heavy copper ring below the T-shaped pole piece will reduce non linear and modulation distortion.</p>			

Extremely stiff and stable injection moulded metal basket keeps the critical components in perfect alignment.

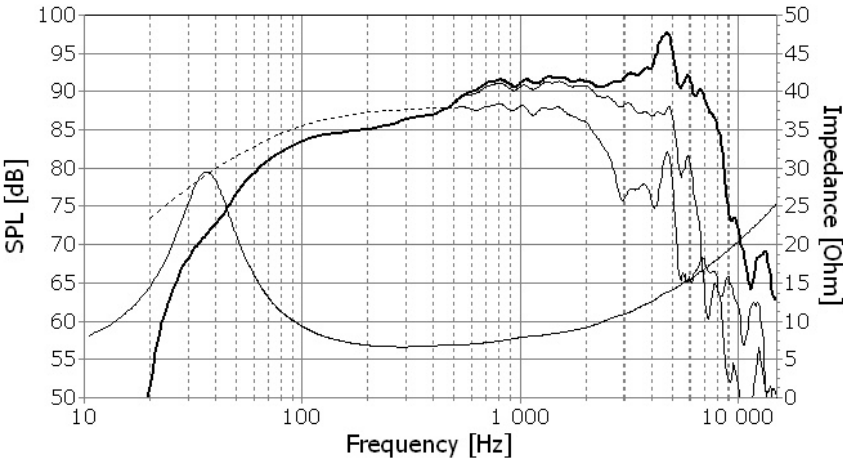
Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.

Used in the highly regarded [SR71 speaker kit!](#)

Specifications

Nominal Impedance	8 Ohms	Voice Coil Resistance	5.9 Ohms
Recommended Frequency Range	45 - 3000 Hz	Voice Coil Inductance	0.67 mH
Short Term Power Handling *	250 W	Force Factor	7.2 N/A
Long Term Power Handling *	80 W	Free Air Resonance	37 Hz
Characteristic Sensitivity (2,83V, 1m)	88.5 dB	Moving Mass	14.0 g
Voice Coil Diameter	39 mm	Air Load Mass In IEC Baffle	0.92 g
Voice Coil Height	18 mm	Suspension Compliance	1.3 mm/N
Air Gap Height	6 mm	Suspension Mechanical Resistance	2.20 Ns/m
Linear Coil Travel (p-p)	12 mm	Effective Piston Area	136 cm²
Maximum Coil Travel (p-p)	22 mm	VAS	32 Litres
Magnetic Gap Flux Density	1.0 T	QMS	1.58
Magnet Weight	0.64 kg	QES	0.39
Total Weight	1.91 kg	QTS	0.32

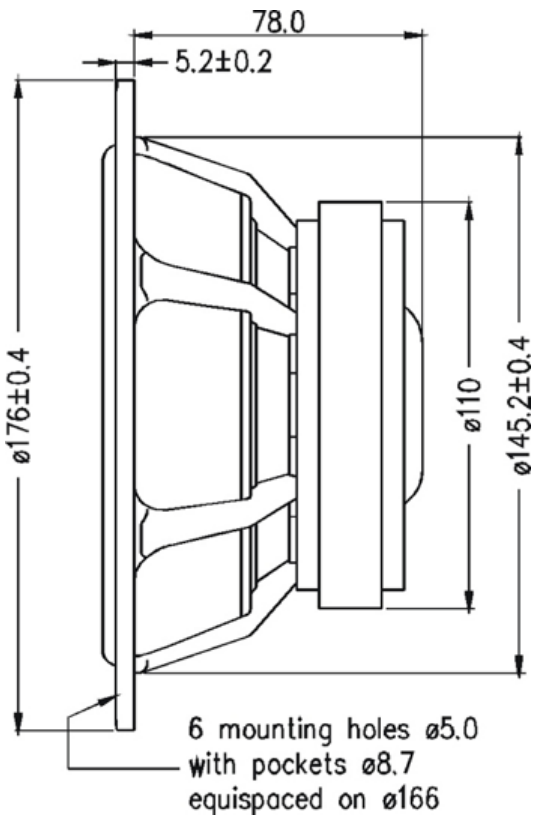
\*IEC 268-5 SEAS reserves the right to change technical data



Madisound Suggested Alignments:

Sealed box of 0.25 cubic feet for an F3 of 97Hz.

Vented box of 0.5 cubic feet with a 2" diameter vent by 6" long for an F3 of 53Hz.



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