

12" / 30 cm dual voice coil subwoofer



Technical data:

Power handling:	<i>RMS / Max.</i>	400 / 600 Watts
Impedance:	<i>Z</i>	2 x 2 Ohms
Voice coil diameter:	\emptyset	50.8 mm
Voice coil winding height:		18 mm
Max. linear excursion:	<i>Xmax</i>	+/- 5.5 mm
Cone area:	<i>Sd</i>	471 cm ²
Moving mass:	<i>Mms</i>	141 g
DC resistance:	<i>Re</i>	2 x 1.6 Ohms
Resonance frequency:	<i>Fs</i>	38 Hz
Mechanical Q factor:	<i>Qms</i>	5.75
Electrical Q factor:	<i>Qes</i>	0.65
Total Q factor:	<i>Qts</i>	0.59
Equivalent air volume:	<i>Vas</i>	39 L
Voice coil inductance:	<i>Le</i>	1.61 mH
Force factor:	<i>B*I</i>	12.8 Tm
Efficiency 1 W / 1 m:	<i>SPL</i>	87 dB

Dimensions:

Outer diameter:	\emptyset	319.5 mm / 12.6"
Cutout diameter:	\emptyset	282.5 mm / 11.1"
Mounting depth:		89.5 mm / 3.5"

Recommended enclosure:

Sealed box

Sealed net volume:	25 L
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Ported box

Vented net volume:	35 L
Port diameter:	\emptyset 8 cm
Port area:	50 cm ²
Port length:	20 cm
Port tuning frequency:	<i>Fb</i> 38 Hz