

## 10" / 25 cm dual voice coil subwoofer



### Technical data:

Power handling:	<i>RMS / Max.</i>	300 / 450 Watts
Impedance:	<i>Z</i>	2 x 2 Ohms
Voice coil diameter:	$\emptyset$	50.8 mm
Voice coil winding height:		16 mm
Max. linear excursion:	<i>Xmax</i>	+/- 4 mm
Cone area:	<i>Sd</i>	330 cm <sup>2</sup>
Moving mass:	<i>Mms</i>	93 g
DC resistance:	<i>Re</i>	2 x 1.6 Ohms
Resonance frequency:	<i>Fs</i>	50 Hz
Mechanical Q factor:	<i>Qms</i>	6.68
Electrical Q factor:	<i>Qes</i>	0.67
Total Q factor:	<i>Qts</i>	0.61
Equivalent air volume:	<i>Vas</i>	16.5 L
Voice coil inductance:	<i>Le</i>	1.66 mH
Force factor:	<i>B*I</i>	12.0 Tm
Efficiency 1 W / 1 m:	<i>SPL</i>	87 dB

### Dimensions:

Outer diameter:	$\emptyset$	272 mm / 10.71"
Cutout diameter:	$\emptyset$	234 mm / 9.21"
Mounting depth:		80 mm / 3.15"

### Recommended enclosure:

#### Sealed box

Sealed net volume:	15 L
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#### Ported box

Vented net volume:	25 L	
Port diameter:	$\emptyset$	7 cm
Port area:	38 cm <sup>2</sup>	
Port length:	23 cm	
Port tuning frequency:	<i>Fb</i>	40 Hz