

## 10" / 25 cm dual voice coil subwoofer



### Technical data:

Power handling:	<i>RMS / Max.</i>	300 / 600 Watts
Impedance:	<i>Z</i>	2 x 2 Ohms
Voice coil diameter:	$\emptyset$	50.8 mm
Voice coil winding height:		24 mm
Max. linear excursion:	<i>X<sub>max</sub></i>	+/- 8 mm
Cone area:	<i>S<sub>d</sub></i>	333 cm <sup>2</sup>
Moving mass:	<i>M<sub>ms</sub></i>	91 g
DC resistance:	<i>R<sub>e</sub></i>	2 x 1.6 Ohms
Resonance frequency:	<i>F<sub>s</sub></i>	36 Hz
Mechanical Q factor:	<i>Q<sub>ms</sub></i>	4.50
Electrical Q factor:	<i>Q<sub>es</sub></i>	0.43
Total Q factor:	<i>Q<sub>ts</sub></i>	0.39
Equivalent air volume:	<i>V<sub>as</sub></i>	34 L
Voice coil inductance:	<i>L<sub>e</sub></i>	2.2 mH
Force factor:	<i>B * l</i>	12.3 Tm
Efficiency 1 W / 1 m:	SPL	88 dB

### Dimensions:

Outer diameter:	$\emptyset$	265 mm / 10.43"
Cutout diameter:	$\emptyset$	232 mm / 9.13"
Mounting depth:		128.5 mm / 5.06"

### Recommended enclosure:

#### Sealed box

Sealed net volume:	12 L
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#### Ported box

Vented net volume:	19 L
Port diameter:	$\emptyset$ 7 cm
Port area:	38 cm <sup>2</sup>
Port length:	22 cm
Port tuning frequency:	<i>F<sub>b</sub></i> 43 Hz