ZETA ZS 10

250 mm SUBWOOFER · 2 × 2 Ω



The **ZS 10** is the 250 mm subwoofer of the ZETA series for anyone who wants more foundation without giving up much boot space: 17 litres sealed are enough. With 312 cm² of cone area and 11.5 mm of linear excursion it moves considerably more air than the ZS 08 and handles 300 W RMS. The rigid aluminium cone, the 2-inch voice coil and the double ferrite motor keep the bass under control even at high levels. The vented die-cast aluminium basket and the 2 × 2 Ω dual voice coil (1 Ω or 4 Ω) complete the package.

MEASURED DATA AND SPECIFICATIONS

Electrical

DC resistance	R_{dc}	**1.9**	Ω
Nominal impedance	Z_N	**2 × 2**	Ω
Resonance frequency	f_s	**26.5**	Hz

Voice coil

Voice coil diameter		**50.8**	mm
Type		**Dual voice coil**	

Q factors

Mechanical Q factor	Q_{ms}	**8.8**	
Electrical Q factor	Q_{es}	**0.86**	
Total Q factor	Q_{ts}	**0.79**	

Mechanical

Moving mass	M_{ms}	**170**	g
Effective piston area	S_d	**312**	cm²
Mechanical resistance	R_{ms}	**3.23**	kg/s
Compliance	C_{ms}	**0.21**	mm/N
Force factor	BL	**7.9**	Tm
Equivalent air volume	V_{as}	**29.3**	l

Efficiency

Sensitivity 2.83 V / 1 m	SPL	**86.1**	dB

Installation and construction

Power handling RMS	**300**	W
Power handling max.	**600**	W
Linear excursion X_{max}	**11.5**	mm
Outer diameter	**268**	mm
Mounting diameter	**231**	mm
Mounting depth	**147**	mm
Magnet diameter	**145**	mm
Cone	**Aluminium**	
Basket	**Die-cast aluminium**	
Motor	**Ferrite**	

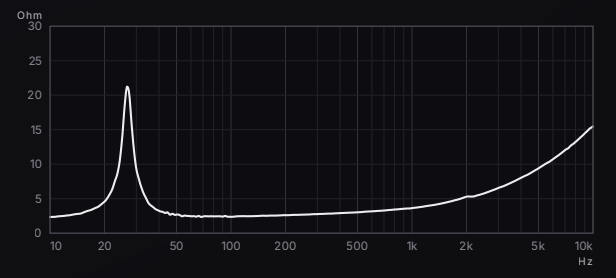
FREQUENCY RESPONSE

2.83 V / 1 m



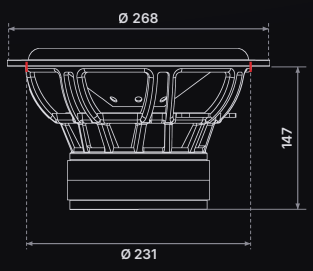
IMPEDANCE

free air



DIMENSIONS

dimensions in mm



- Recommended enclosure: 17 l sealed; 35 l vented with a 70 mm diameter port, 260 mm long (volume including port and driver).
- Dual voice coil 2 × 2 Ω: 1 Ω wired in parallel, 4 Ω wired in series.