ZETA ZT 30

30 mm TWEETER



The **ZT 30** is the tweeter of the ZETA series with a 30 mm silk dome. Used from 2 kHz, it connects directly to the ZW 165 or ZW 200 in a two-way system and to the ZM 80 or ZM 70 in a three-way system. The large radiating area and the coupling volume behind the dome allow this low crossover point, while the neodymium motor keeps the housing compact. Its wide dispersion makes it easy to install off the listening axis. A mounting ring, a design grille and a hexagon grille are included.

MEASURED DATA AND SPECIFICATIONS

Electrical

DC resistance	R_{dc}	3.45	Ω
Nominal impedance	Z_N	4	Ω
Resonance frequency	f_s	639	Hz

Voice coil

Voice coil diameter		30	mm

Q factors

Mechanical Q factor	Q_{ms}	2.25	
Electrical Q factor	Q_{es}	2.92	
Total Q factor	Q_{ts}	1.27	

Mechanical

Moving mass	M_{ms}	0.42	g
Effective piston area	S_d	11.5	cm²
Mechanical resistance	R_{ms}	0.75	kg/s
Compliance	C_{ms}	0.148	mm/N
Force factor	BL	1.41	Tm
Equivalent air volume	V_{as}	0.027	l

Efficiency

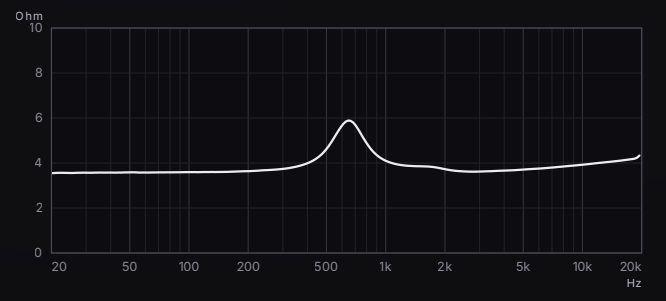
Efficiency	η	0.24	%
Sensitivity 1 W / 1 m	SPL	85.8	dB
Sensitivity 2.83 V / 1 m	SPL	89.5	dB

Installation and construction

Power handling RMS	60	W
Power handling max.	100	W
Outer diameter (mounting ring)	63	mm
Mounting diameter	56	mm
Tweeter diameter	51.2	mm
Tweeter height	26.5	mm
Mounting depth	22.5	mm
Dome	Silk	
Motor	Neodymium	

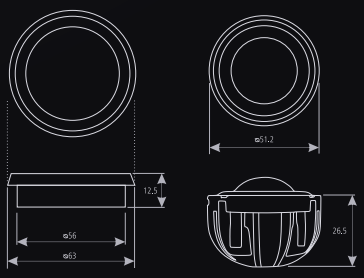
IMPEDANCE

free air



DIMENSIONS

dimensions in mm, left mounting ring, right tweeter



- Recommended active crossover: 2.0 kHz high-pass, Linkwitz-Riley 24 dB/oct. Use a 3.5 kHz high-pass for high-output applications.