

THESIS

TH 10 basso

SUBWOOFER 1000 W

Technical Specifications

Component	Single Coil Subwoofer	
Size	mm	250 (10")
Power	W peak	1000
Handling	W continuous	500
Impedance	Ω	4
Frequency response	Hz	30 - 500
Sensitivity	dB/SPL	92
Outer $\varnothing$	mm	261
Mounting $\varnothing$	mm	235
Magnet size	mm	170
Total depth	mm	138
Mount. depth	mm	124
Total driver displacemet	l	2,6
Weight of one component	kg	7,96
Voice coil $\varnothing$	mm	65
Magnet	High density flux ferrite	
Cone	X-pulp® + Polycrystal®	
X-mech*	mm	18

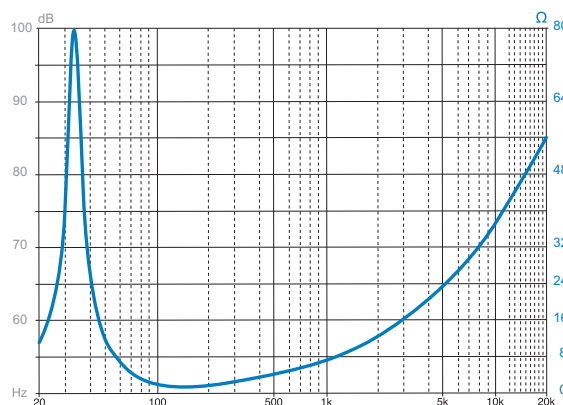
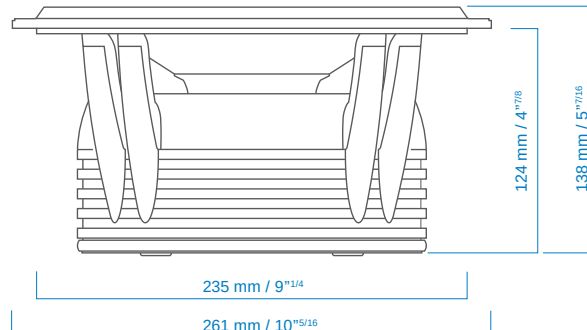
*X-mech maximum mechanical excursion: it indicates the motion range in the speaker linear functioning area, in both ways.

Electro-Acoustic Parameters

D	mm	215
Xmax	mm	10
Re	Ω	3,5
Fs	Hz	34
Le	mH@1kHz	1,57
Le	mH@10kHz	0,61
Vas	l	49,00
Mms	g	84,0
Cms	mm/N	0,26
BL	T-m	15,10
Qts		0,27
Qes		0,28
Qms		4,80
Spl (1m/2,83V)	dB	92




ideato,
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in Italia



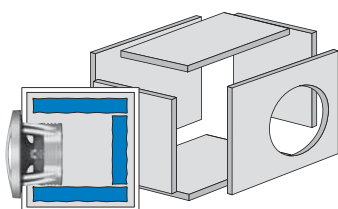
For detailed technical information and more product features, view the Advanced Manual available for download on the website www.audison.eu

TH 10 basso Box design



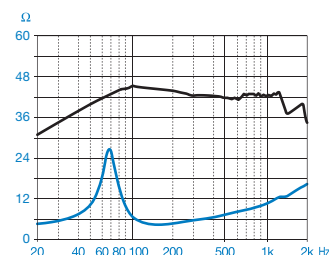
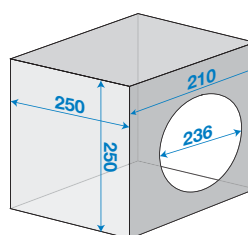
All of the dimensions shown on the illustrations are INTERNAL measurements expressed in millimetres (mm).
Use polyester damping material (like AZ audiocomp FONOFORM) and put it on all internal walls except for the speaker's baffle.

Sealed Box



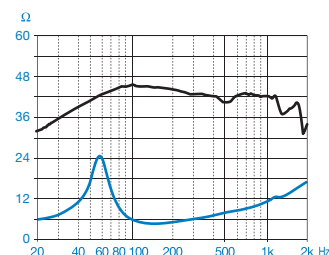
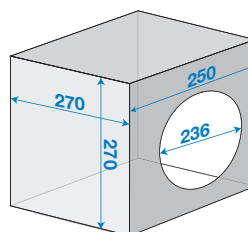
Dimension

Net Int. Volume: 13,11 l
0.463 ft³
Fc: 68 Hz

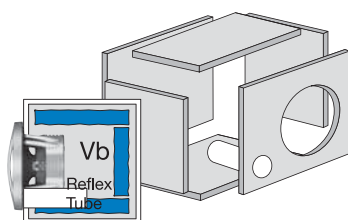


Performance

Net Int. Volume: 18,21 l
0.643 ft³
Fc: 58 Hz

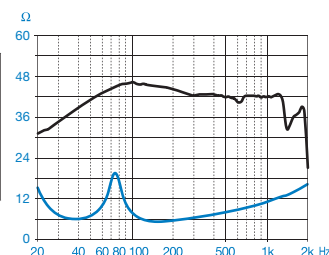
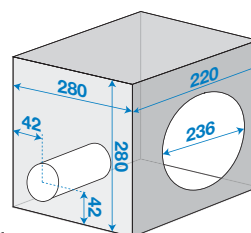


Reflex Box



Dimension

Net Int. Volume: 17,21 l
0.608 ft³
Fb: 40 Hz
Reflex tube: Ø 3" x L 11^{7/16} or
AR 70 x 290 mm



Performance

Net Int. Volume: 23,11 l
0.816 ft³
Fb: 39 Hz
Reflex tube: Ø 3" x L 9^{1/2} or
AR 70 x 240 mm

