Technical information

Micro Precision Z-Studio 245 Woofer

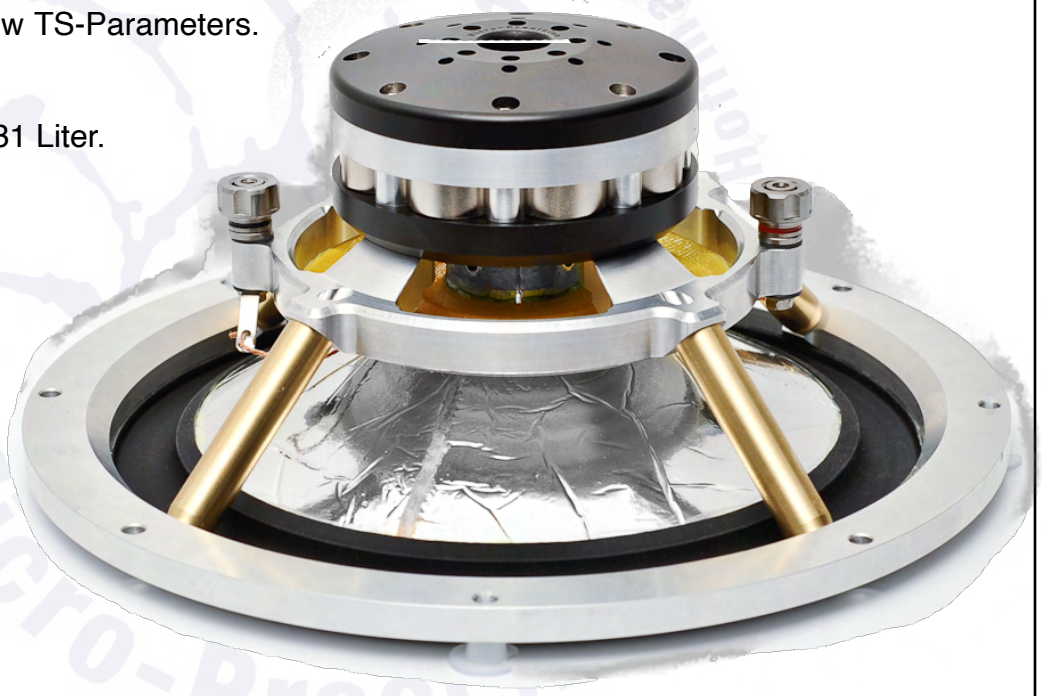
Z-Studio 245 was released in 06.2008. The Z-Studio 245 is no „Subwoofer“ to compress air. The Z-Studio 245 is made to improve energy in voice, guitar, piano and other instruments.
From 2008 - 2015 some cosmetic changes on magnet surface.

05.2016
New voice coil winding. New TS-Parameters. See next page.

Basic box design: Vented, 31 Liter.

Port D/L :
50mm / 106mm
70mm / 236mm





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Height total	116,00 mm	Surround	Rubber
Outer Diameter	268,00 mm	Sensitivity	89 dB/W
Cutout Diameter	233,00 mm	Impedance	4 Ω
Interior Depth	102,00 mm	Power handling	100 W
Drillcircle	257,00 mm	Voicecoil	Aluminium
		Voicecoil diameter	50 mm
RDC	4.2 Ohm	Membrane	Z
FS	25 Hz.	Recommended .	30 - 2.000 Hz
Weight		Updated :	05. 2017

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Measure		Unit
Re	4.2	Ω
Fs	25	Hz.
Qes	0.32	-
Qms	2.14	-
Qts	0.27	-
Le		mH.
VAS	145	Liter
Mms	42,91	Gramm
Cms	996	µM/Newton
Eff.	89	1W. / 1M.
Diam	205	mm.
Rms	0.02	R

To the left the new model.
Below the old model.

Measure		Unit
Re	5,34	Ω
Fs	23,01	Hz.
Qes	1,03	-
Qms	1,98	-
Qts	0,68	-
Le	0,27	mH.
VAS	172	Liter
Mms	42,91	Gramm
Cms	1114	µM/Newton
Eff.	85	1W. / 1M.
Diam	205	mm.
Rms	3,12	R

Liter	Q	f3
10	1,3	59
20	1,1	46
40	0,94	38
60	0,85	35
80	0,79	33
100	0,76	32
Vented	**D/L cm**	**f3**
40	4/40	36 / +5dB
60	5/45	31 / +3dB

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