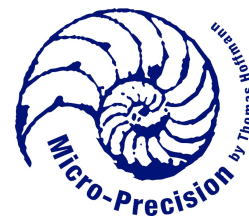


Technical information



Micro Precision Z-Studio 100 Midrange

Features :

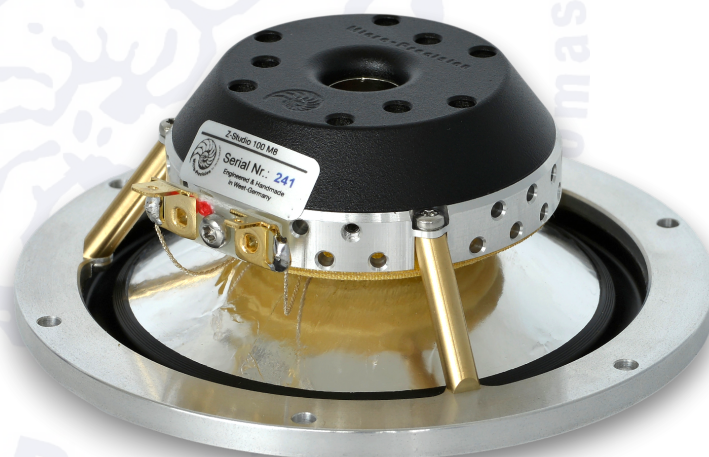
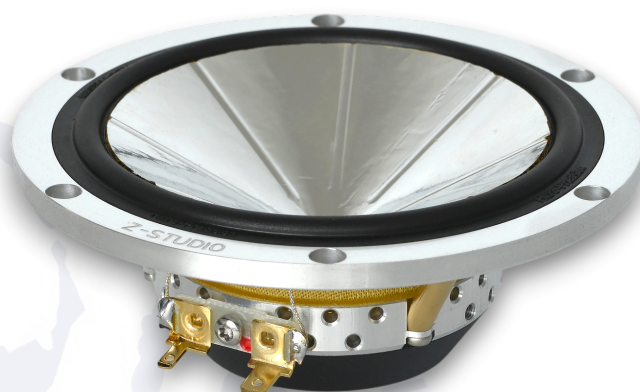
Membrane specially made for transparent midrange.
Surround geometry CAD constructed for best linearity.
Maximized membrane surface in a small diameter.
Membrane + Coil weight = 2,9 Gramm.

Carefully assembled basket. 100% CNC produced.
No tolerances, no ringing.
Brass dampingelements.
Maximized venting effects coil and spider.
35 mm interior depth.
This speaker needs filtering highpass > 150 Hz.

Update 11.2019 : New basket construction.

Upgrade 02.2023 :

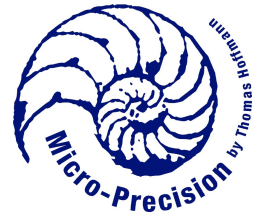
New Membrane „M8“.
New assembling technology.
Wide frequency range extension.



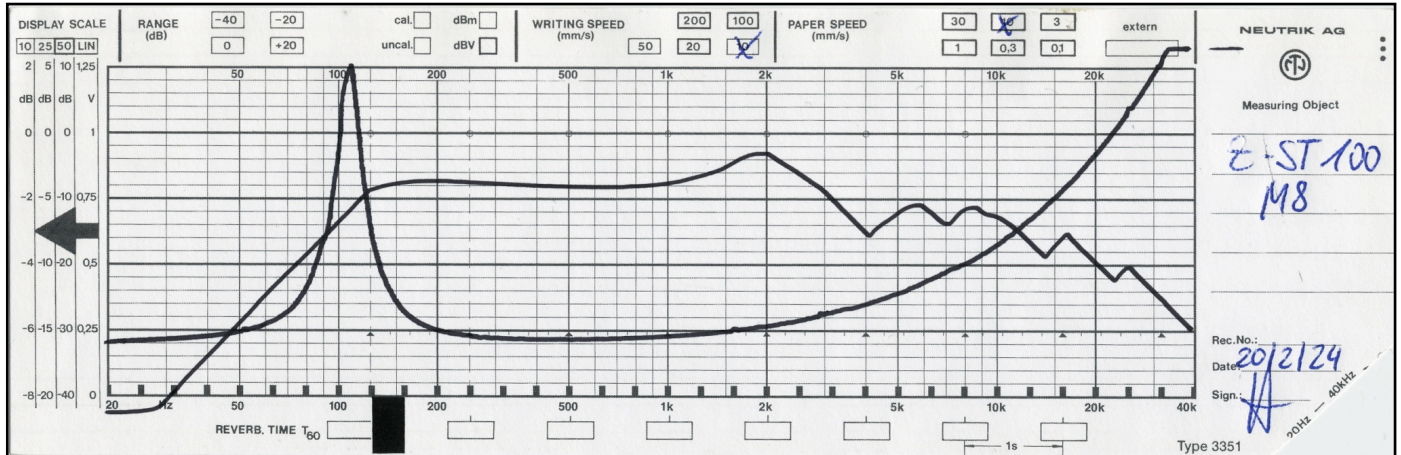
Technical Data

Height total	39.5 mm	FS	110 Hz
Outer Diameter	109.5 mm	Moving Mass	2,9 gramm
Cutout Diameter	90.0 mm	Impedance	8 Ω
Interior Depth	34.5 mm	Power handling	Depending on Filter
Drillcircle	102.8 mm	Voicecoil	GF - CCAW
		Voicecoil diameter	25mm
		Membrane	M8
		Recommended . Filter	150 - 5.000 Hz.
Weight	610 gr. / Pair	Updated :	10.2026

Technical information



Micro Precision Z-Studio 100 M8 Midrange



Parameter	Value	Lower Limit	Upper Limit
F_S	108,52 Hz	----	----
Q_{MS}	5,15	----	----
Q_{ES}	1,14	----	----
Q_{TS}	0,94	----	----
S_D	54,11 cm ²	----	----
R_E	8,38 Ω	----	----
L_E	---- mH	----	----
R_2	---- Ω	----	----
L_2	---- mH	----	----
K_{rm}	0,0045	----	----
E_{rm}	0,5843	----	----
K_{xm}	0,0021	----	----
E_{xm}	0,8277	----	----
R_{MS}	0,40 Ns/m	----	----
C_{MS}	0,70 mm/N	----	----
M_{MS}	3,06 g	----	----
V_{AS}	2,92 l	----	----
Bl	3,91 Tm	----	----
η_o	0,31 %	----	----

measured with reference equipment @ 2.83V.