

Technical information



Micro Precision 7.8 Fullrange



History :

The 7.8 project started in the year 2024.
The idea behind was to complete the 7-Series to a 3-Way product range.

Details :

The 7.8 Widerange use a very low weight paper membrane and, non inductive, glassfiber voicecoil. This results in an extended frequencyrange from 120 Hz. up to 20.000 Hz.
The natural papermembrane has no unnatural coloration on midrange and, comparing to the small size, a full bodied sound. The midrange is very clear and detailed.

The 7.8 can be used in cabinets from 1 Liter up to 1B installation and should be highpassed. Basic setup : 120Hz. Slope 6 or 12dB/octave.

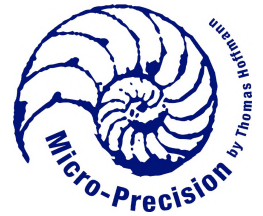
The 7.8 come in a „matched Pair“.

Each pair is selected by impedance curve parameter „FS / Impedance peak“. The matching parameter is part of the sticker in packaging.

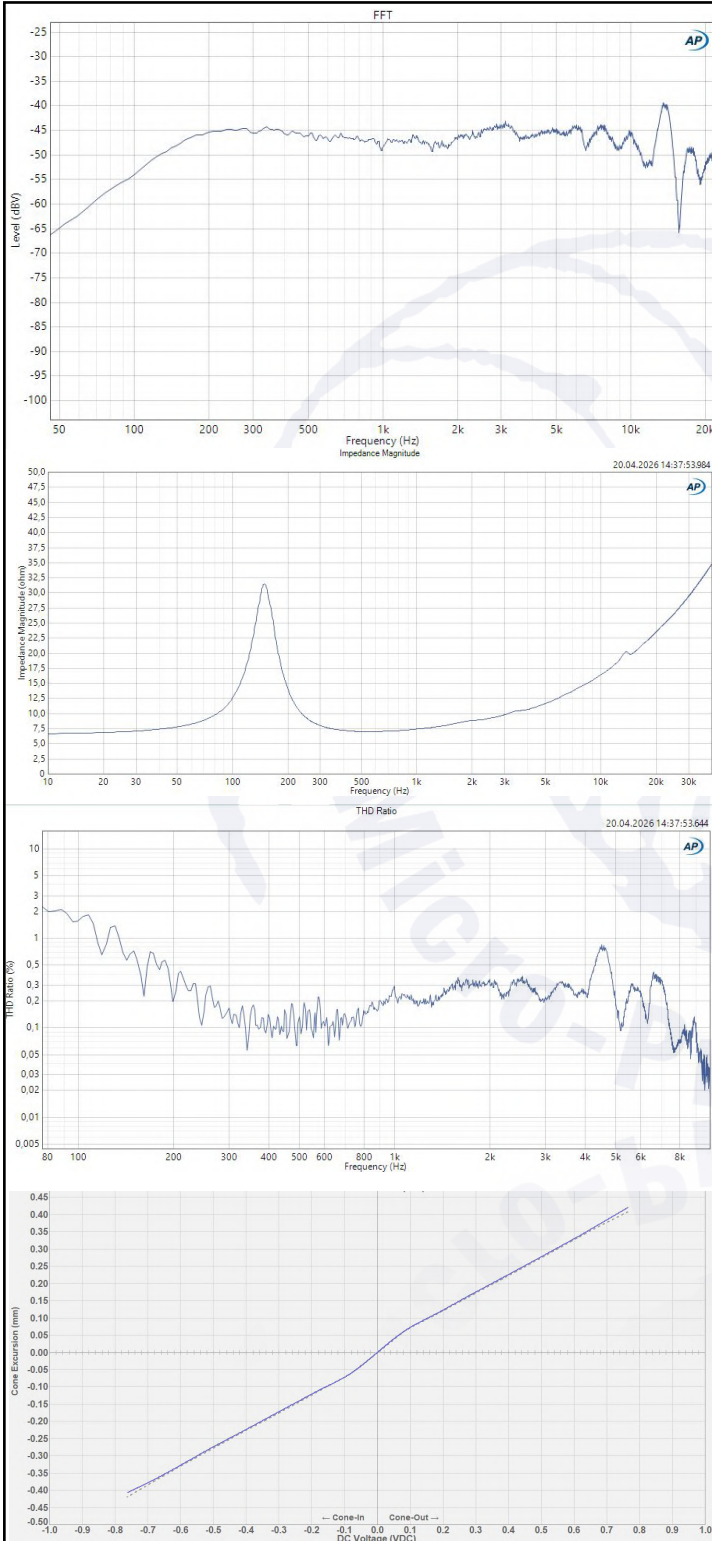
Technical Data

Height total [mm]	55	FS	< > 150Hz.
Outer Diameter [mm]	93,5	Moving Mass	2,1 gramm
Cutout Diameter [mm]	75	Impedance	8 Ω
Interior Depth [mm]	50	Powerhandling	30 W
Drillcircle [mm]	85mm / 4 mm holes.	Voicecoil	Non inductive.
		Voicecoil diameter	15 mm
		Membrane	Paper
		Recommend Filter	> 120 Hz
Weight	1,08 Kg / Pair	Update	04.2026

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The frequency response was measured with white noise, average 1000 measurements. The white noise is closer to real listening compare to sweep measurements.

Frequency response :
120 Hz. to 12.000 Hz. +/- 2,5 dB.
The peak at 14kHz is nice for lovers of widerange drivers.

Clean impedance curve with a small reflection at 14kHz.

The distortion curve is below 1% from 150 Hz. > 10 kHz.
Small drivers have high distortion in lower frequencys.
2% in the very low range is very good result.

Membrane Diameter	65 mm
RE	6,5 Ohm
Fs	< > 150 Hz.
Qts	0,7
Qes	0,9
Qms	3,2
L(e)	0,2 mH.
M(ms)	1,58 gr.
M(md)	1,38 gr.
SPL 2.83V.	89 dB
VAS	1,21 Liter
BL	3,2 N/Amp
K(ms)	1,28 N/mm

Movement linearity displacement : Magnet / Voicecoil (mm/DCV)

Soundpressure linearity : SPL / Cone position. (SPL/mm displacement).