Audaphon Neo CD 2.0
a produkt from www.audaphon.de

Maximum performance ribbon tweeter
for medium and huge high-end applications.

The Neo CD 2.0 ribbon tweeter is suited for
performance applications that may be used from
2000 Hz onwards and is suitable for floorstanding or
shelf speakers.

The main features are:
- a remarkably linear frequency response,
- an excellent omnidirectional sound radiation
- an excellent price / performance ratio.

Review by journal Hobby HiFi 6/2005:
"Linearity of frequency response, omnidirection and
excursion show the same perfection as the JP 2.0."

Advanced composite material ribbon diaphragm,
which provide high power handling and guarantees
a high degree of signal fidelity and broad frequency
response. It contains a super strong Neodymium
magnet for high efficiency and a build-in impedance
conversion transformer.

Technical Data Audaphon Neo CD 2.0

Ribbon material:	ACM*
Ribbon mass:	Aluminium
Ribbon mass:	34 mg
Ribbon dimension	120 x 8 mm
Ribbon thickness	0.02 mm
Ribbon area (Sd):	960 mm2
Gap height:	3 mm
Impedance:	7 Ohm
DC resistance Rdc:	0.02 Ohm
Frequency response:	1200 - 40 000 Hz
Sensivity (1 kHz):	92 dB (2,83V, 1m)
Resonance frequency:	350 Hz
Power Handling:	20/50 W
Recommended crossover:	2,0 kHz / 12 dB

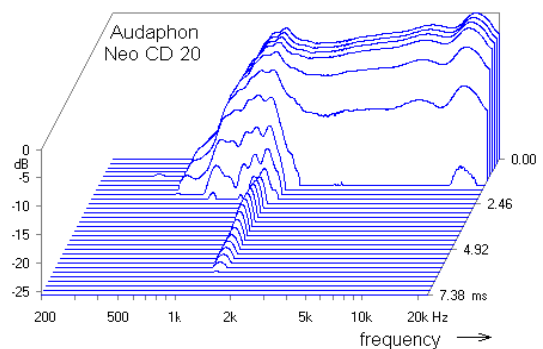**Dimensions**

overall diameter (HxW):	164 x 70,4 mm
mounting diameter (HxW):	146/125 x 61 mm
mounting depth (not countersunk):	70 mm
thickness of alu frontplate:	4,5 mm

*) ACM stands for Advanced Composite Material

Waterfall spectrum

The CD 2.0 displays a magnificent excursion.
There is a very small resonance at 1600 Hz, this
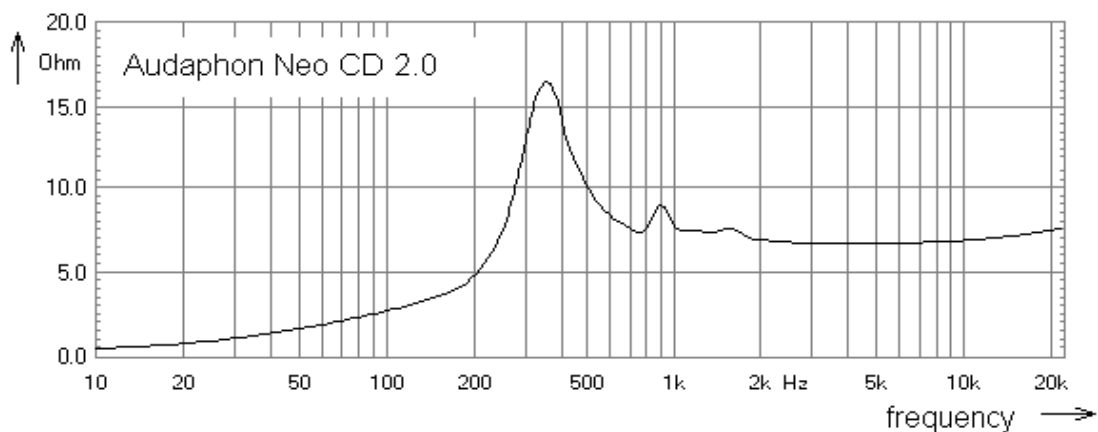is, however, more than 20 dB below level.

Important note
This ribbon is designed for a wide frequency
range and, therefore, displays an extreme
excursion at lower frequencies. To avoid
destruction a crossover is absolutely mandatory.

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Frequency range of the Neo CD 2.0 (with 150 uF capacitor in series for protection):

*) C = 150 uF in series, gate = 7 msec
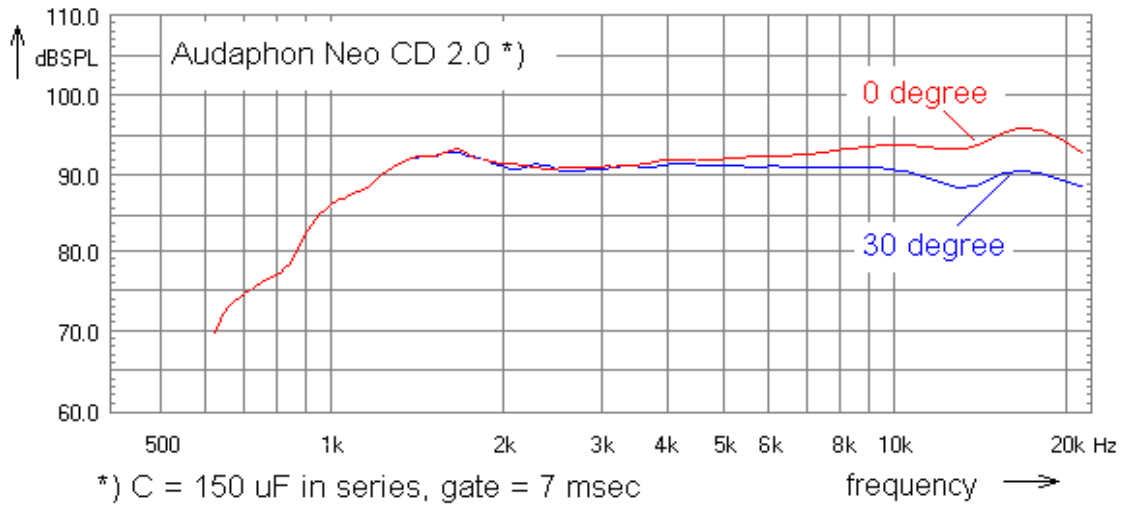
Impedance response of the CD 2.0:

Dimensions of the CD 2.0:

Rear / Rückseite