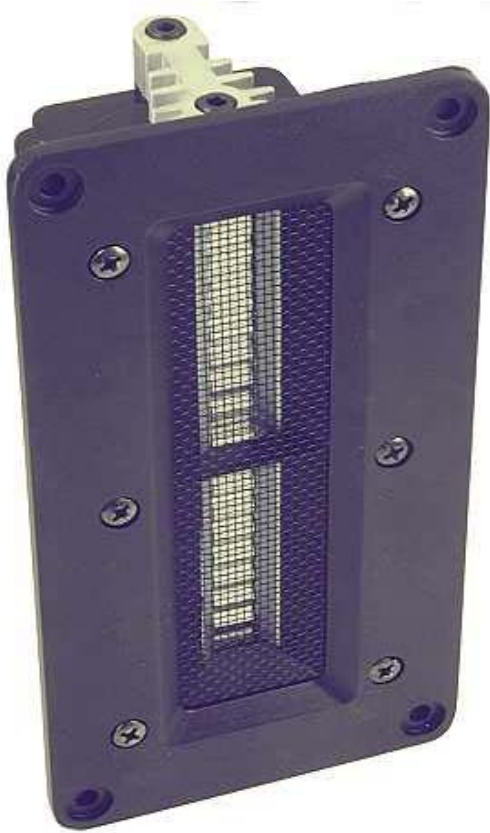




Audaphon JP 2.0
a produkt from www.audaphon.de



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

The JP 2.0 is a performant ribbon tweeter that may be used from 2000 Hz onwards and is suitable for floorstanding or performant shelf speakers.

The main features are:

- a remarkably linear frequency response,
- an excellent omnidirectional sound radiation
- an excellent price / performance ratio.

The ribbon itself consists of a wafer-thin aluminium diaphragm, ensuring an extremely airy performance.

On the other hand, this ribbon is not as solid as the much thicker one used in the CD 2.0; vacuuming results in lengthening the 0.009 mm thin ribbon and in subsequent destruction of the driver."

Review by journal Hobby HiFi 6/2005:

"The JP 2.0's lab results display a perfectly flat frequency response" ... "omnidirection and excursion are flawless

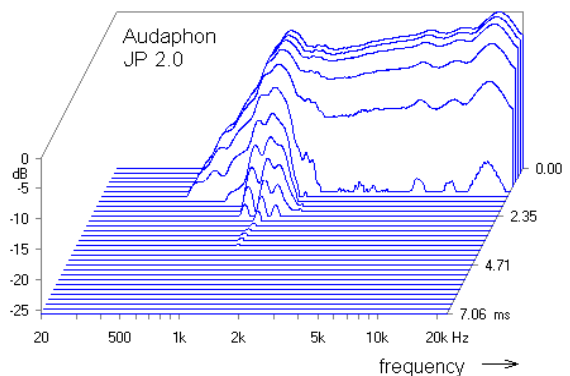
Technical Data Audaphon JP 2.0

| | |
|------------------------|---------------------|
| Ribbon material: | Aluminium |
| Ribbon mass: | Aluminium |
| Ribbon mass: | 25 mg |
| Ribbon dimension | 120 x 8 mm |
| Ribbon thickness | 0.009 mm |
| Ribbon area (Sd): | 960 mm ² |
| Gap height: | 3 mm |
| Impedance: | 7 Ohm |
| DC resistance Rdc: | 0.02 Ohm |
| Frequency response: | 1700 - 40 000 Hz |
| Sensivity (1 kHz): | 93 dB (2,83V, 1m) |
| Resonance frequency: | 370 Hz |
| Power Handling: | 17/40 W |
| Recommended crossover: | 2,0 kHz / 18 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 |

Waterfall spectrum

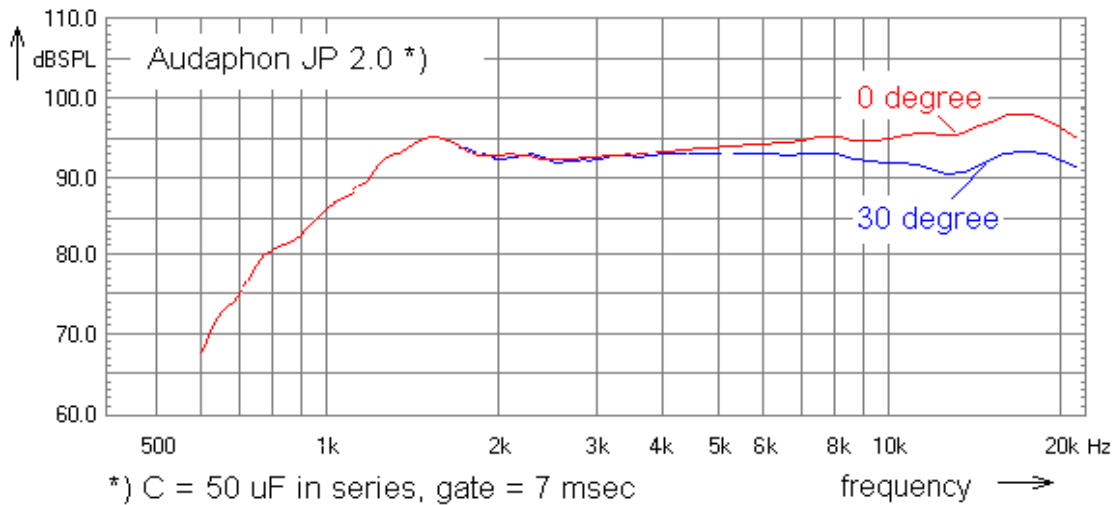


The CD 3.0 displays a magnificent excursion which is absolutely perfect.

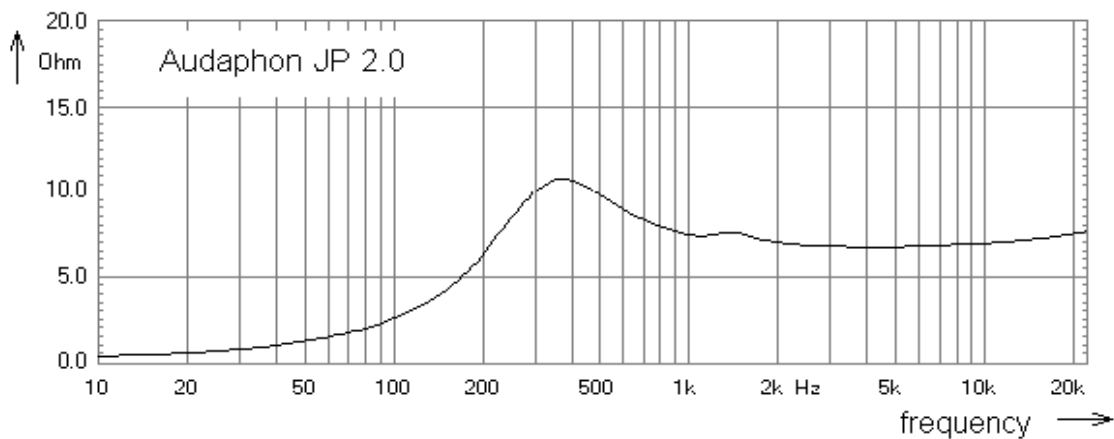
Important note

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.

Frequency range of the JP 2.0 (with 50 uF capacitor in series for protection):



Impedance of JP 2.0:



Dimensions of the JP 2.0:

