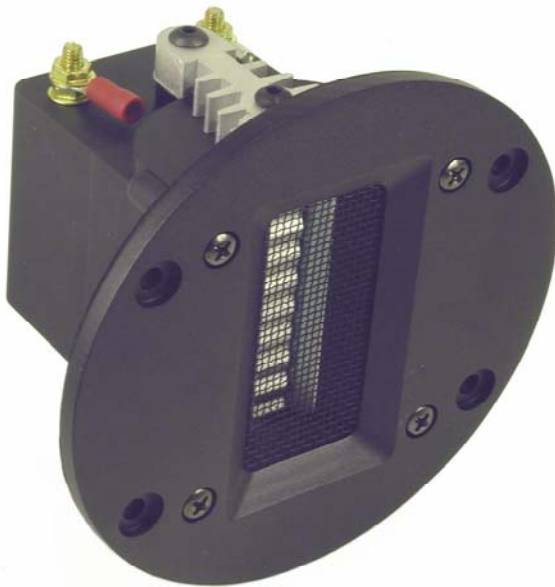




## Audaphon JP 3.0

a produkt from [www.audaphon.de](http://www.audaphon.de)



Small ribbon tweeter for medium and small high-end applications.

The JP 3.0 is a small ribbon tweeter that may be used from 2000 Hz onwards and is suitable for small and slim floorstanding or shelf speakers.

The main features are:

- a remarkably linear frequency response,
- small size,
- an extremely airy sound and
- 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 3.0; 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 lab results of the JP 3.0 are the spitting image of the bigger JP 2.0, a particularly flat frequency response that rises slightly, but is well balanced in a 30 degree angle. Omnidirection and excursion are impeccable. Due to a low resonance frequency both, the JP 2.0 and the JP 3.0 are suitable from 2000 Hz onwards."

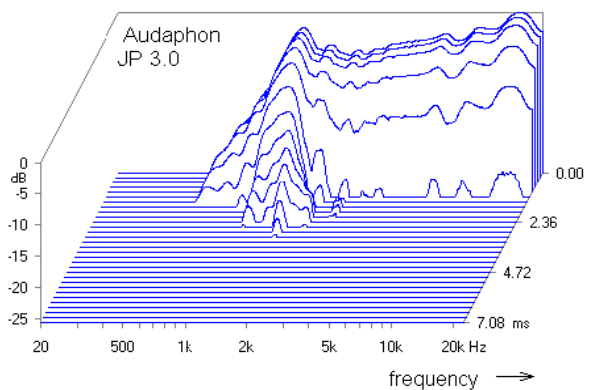
### Technical Data Audaphon JP 3.0

Ribbon material:	Aluminium
Ribbon mass:	Aluminium
Ribbon mass:	11 mg
Ribbon dimension	60 x 8 mm
Ribbon thickness	0.009 mm
Ribbon area (Sd):	480 mm <sup>2</sup>
Gap height:	3 mm
Impedance:	7 Ohm
DC resistance Rdc:	0.02 Ohm
Frequency response:	1700 - 40 000 Hz
Sensitivity (1 kHz):	91 dB (2,83V, 1m)
Resonance frequency:	220 Hz
Power Handling:	14/40 W
Recommended crossover:	2,5 kHz / 18 dB

### Dimensions

overall diameter (HxW):	110 mm, rund
mounting diameter (HxW):	87/67 x 60 mm
mounting depth (not countersunk):	68 mm
thickness of alu frontplate:	4,5 mm

### Waterfall spectrum

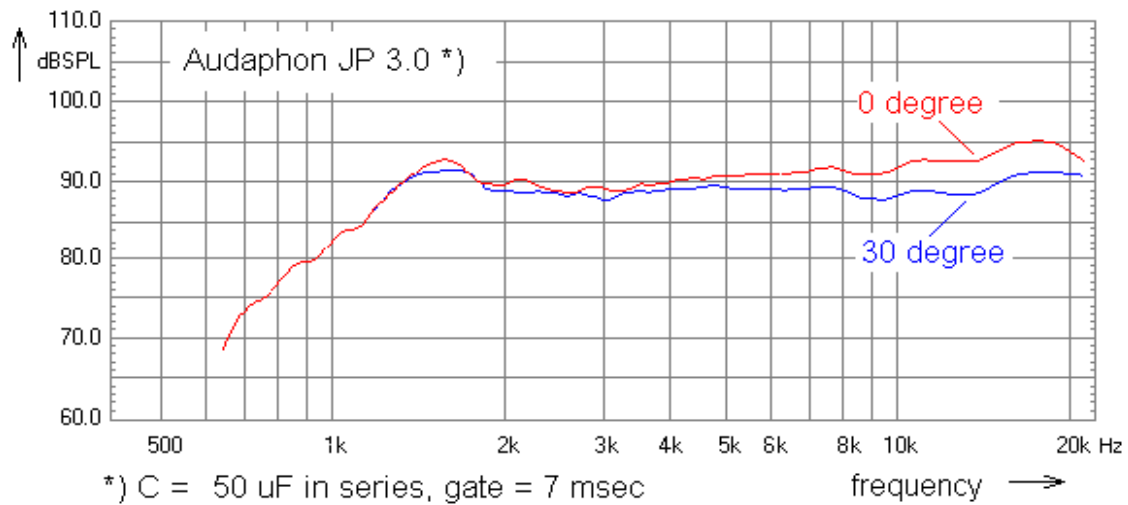


The JP 3.0 displays a magnificent excursion. There is a small resonance at 1400 till 1600 Hz, this is, however, below the crossover frequency when the configured correctly.

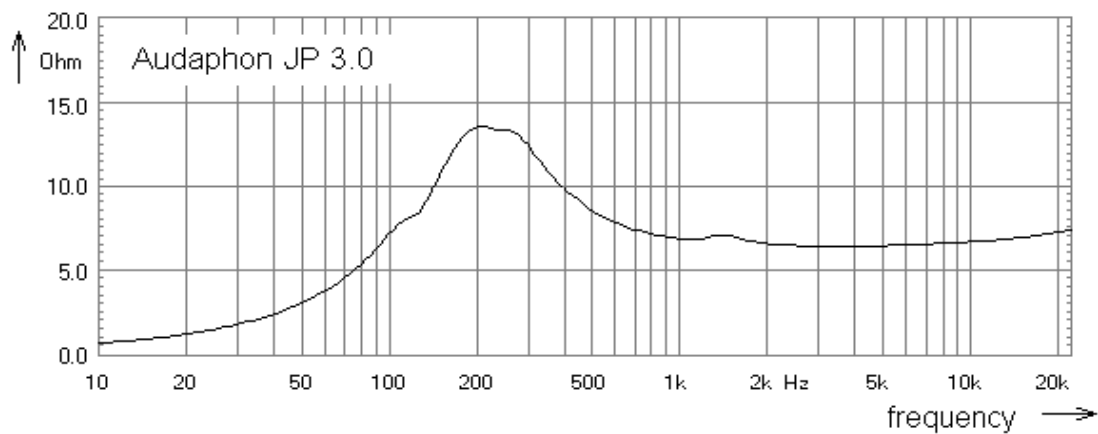
### Important note

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 measurement of JP 3.0 (with 50 uF capacitor in series):**



**Impedance of JP 3.0:**



**Dimensions of the JP 3.0:**

