

# Description

The Voxativ AC-1.8 driver reaches a magnetic field of 18.000 Gauss. This makes it become a very strong ferrite-magnet widebander.

The AC-1.8 reaches an efficiency of 96dB. It is equipped with a large underhung coil for full and rich sound. The lower efficiency causes a bigger bass response than the AC-1.6

## Enclosure possibilities:

- Fullrange mode in all high-end back-loaded horns (free schedule available)

# Technical Data

Frequency Response	20 - 20.000 Hz
Efficiency*	96 dB / 1W / 1 m in recommended housings
Capacity	50 W nom / 100 W mus
Impedance [R]	10,4 Ohm
Complex Impedance [Z]	16,0 Ohm
Resonant Frequency	39,0 Hz
Mechanical Q-Factor $Q_{ms}$	2,61
Electrical Q-Factor $Q_{es}$	0,61
Q-Factor $Q_{ts}$	0,49
Equivalent Volume [VAS]	52,0 Ltr.
X <sub>mss</sub>	10 mm
Depth	3,2" / 8,1 cm
Install diameter	7,5" / 19,0 cm
Weight	8,0 lbs / 3,6 kg

\* A fullrange driver's efficiency depends on the frequency response and does not follow a standard calculation in the context of Thiele / Small parameters.

# AC-1.8

