

# VOXATIV AC - X and AC-X2

The Fieldcoil Driver

In search of the rediscovery of natural sound, Voxativ has gone one step further. With respect to the old Voigt, Jensen and Klangfilm drivers, this type of transducer is now reviewed using a completely new technology.

The AC-X is driven by a large field coil instead of a permanent magnet. With this magnetic force, the driver reaches the physical maximum and an extreme dynamic performance. The AC-X has a Qts between 0.25 and 0.6 depending on the supply voltage which can be set from 6 to 18 volts.

It enables the user to adjust the driver to all installation conditions and playback requirements. The optimal value in our experience is 12V. Delivery includes a switching power supply. Further options are:

- A transformer power supply 12V fixed
- A transformer power supply 12 / 15 / 18V switchable
- A high-end battery power supply with loading automatics

Different to the designs of the 1920s or internet DIY projects, the field coil of our AC-X is completely shielded to avoid a radiation field and improve its performance. The reduction in supply voltage of approximately 100V in vintage designs to now 12V and a maximum of 18V takes the AC-X conform to all modern security and energy conservation issues to perform in your living room without complains.

Enclosure possibilities:

- Fullrange mode in a back-loaded horn for bass radiation down to 25Hz
- Open baffle (plans are delivered on request)
- As a 2-way freely radiating driver with dipole woofers and/or loaded into a front horn

If you are able to visit our Berlin studio, we would be delighted to demonstrate this extraordinary experience for you.

The AC-X2 is equipped with a wooden cone and gives more contour in the bass.

## Technical data:

Frequency response	20 - 20.000 Hz
Efficiency	max 108 dB in recommended housings
Capacity	50 W nom
Impedance [R]	10,7 Ohm
Complex impedance [Z]	16,0 Ohm
Resonance frequency	29,12 Hz
Mech. Q-factor [Qms]	3,1 / 12V
Electr. Q-factor [Qes]	0,4 / 12V
Q-factor [Qts]	0,354 / 12V
Equivalent volume [VAS]	148,0 Ltr.
Xmss	8 mm
Depth	166 mm
Install diameter	7,5" / 190 mm
Weight	12 kg