

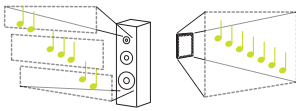
The Göbel bending wave loudspeaker

During a period of over seven years of engineering research we created a internationally unique and dynamic loudspeaker, which reproduces all kinds of sound in the purest way and reveals every detail of your favorite music: the GÖBEL bending wave loudspeaker. This bending wave technology is the element at the heart of each GÖBEL loudspeaker system.

Only the GÖBEL bending wave loudspeaker can eliminate the weak points of a conventional loudspeaker system. You will experience a soundstage you have never heard before.

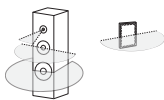
The music is entirely detached from the loudspeakers, the walls of the room disappear and you will find yourself in the middle of a musical event. The absolutely natural sound reproduction is achieved due to the continuous bandwidth, the ideal dispersion range and the high dynamic of the GÖBEL bending wave loudspeaker:

1. Continuous Bandwith



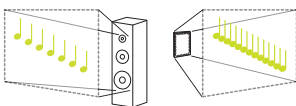
The GÖBEL bending wave loudspeaker has a continuous bandwidth from 150 to 29.500 Hz, which completely solves problems with phase and time from the outset. In order to obtain such a wide spectrum with conventional loudspeakers, you would have to use at least two special chassis, which would cause unintentional phaseshifting and non-ischronic dispersion.

2. Ideal Dispersion Range



The GÖBEL bending wave loudspeaker has a frontside dispersion of 180° through the entire bandwidth which enables, first and foremost, a realistic soundstage. In addition to this, the backside dispersion reaches up to 4000 Hz which rounds off the realistic soundstage perfectly.

3. High Dynamic



The amplitude of the GÖBEL bending wave loudspeaker is very low, even in the middle frequency range. Therefore the sound reproduction is very dynamic, exact and genuine compared to conventional loudspeakers. In addition to that, the almost non existing mass of the GÖBEL bending wave membrane completely avoids problems caused by mass inertia such as impulse deadening which occur in conventional loudspeaker systems. The GÖBEL bending wave speaker can therefore, unlike conventional models, reproduce the quickest and most subtle sound impulse easily and flawlessly. That is why there is no cut in the dynamic, even when listening to music at very low volumes.