

## Operation manual Audioplan AntiSpike

### What does AntiSpike mean here ?

Audioplan introduced the now common steel spikes in Germany as early as 1983. Especially for loudspeakers, the advantages in dynamics and clarity of the sound were a welcome improvement compared to the „soft“ coupling or rather decoupling methods that were common at the time.

We are pleased to be able to offer you the AntiSpike, a significantly improved tool for coupling your loudspeakers to the floor. The material mixture in combination with the optimised shape of the AntiSpikes not only offers decisive sonic advantages over spikes, but also prevents damage to the floor, as there is no “spike”. And that is the reason why we name these coupling devices AntiSpike.

### For which units and surfaces can I use AntiSpikes?

AntiSpikes are suitable for loudspeakers, speaker stands, platforms and turntables and equipment that have a wooden cabinet or frame. They also work well with equipment that features an enclosure from aluminum.

The effect of the AntiSpikes is independent of the mass of the device. AntiSpikes can be loaded with at least 100 kg per piece. Likewise, the floor-material is no longer important. No matter whether there is parquet, tiles, laminate or carpet under the loudspeaker, the AntiSpike unfolds its convincing sonic effect in any case. This is not immediately obvious, at least with carpeted floors, as the spike promises a more stable, less tippy set-up. However for the sound the low-frequency oscillation that can be stimulated by hand on a high-pile carpet, is not decisive. It is rather the damping and diverting characteristics of the AntiSpike that have a sound-improving effect on the loudspeaker. These properties are specially adapted to the relevant audio frequency range.

The additional advantage is that the speakers can be moved for exact positioning without having to fear damage to the floor by the AntiSpike.

### How is the AntiSpike mounted?

For loudspeakers and most equipment, a 4-point installation is recommended. The AntiSpikes should be mounted near the corners of the unit. Many speakers already have built-in threaded sockets.

Therefore the AntiSpike is available with M6 (6mm diameter), M8 thread or M10 thread.

If there is no thread on your unit, you can obtain M6 threaded sockets from Audioplan. If you do not want to drill holes (or have them drilled), you can also place the AntiSpikes loosely. However, they should not be glued on with double-sided adhesive tape or similar, as the adhesive layer is an undesirable additional damping layer that worsens the result.

If the AntiSpike is to be screwed in place, please be sure to use the supplied BlackScrew, which is optimally matched to the AntiSpike in terms of its material properties.

The AntiSpike is mounted so that the side with the recess around the threaded hole faces the bottom of the unit! The smooth side of the AntiSpike is therefore always on the ground!

## Audioplan AntiSpike operating instructions

At first screw the BlackScrew a few turns into the AntiSpike. Do this from the recessed area such that the screwdriver slot of the BlackScrew is facing the AntiSpike by turning the BlackScrew anti-clockwise with a suitable screwdriver through the threaded hole in the AntiSpike.

This allows a later correction with a screwdriver from outside. Then screw the ensemble into the threaded bushing.

Caution: Fasten AntiSpikes only lightly, never tighten them firmly, in order to achieve the best possible sound!

The AntiSpike is correctly mounted when the entire surface of the AntiSpike just touches the bottom of the unit. This is the case when the torsional force begins to increase noticeably. Higher tightening torques shift the sound in the direction of „brighter“ and „harder“.

If, due to uneven floors, the unit does not stand upright at the installation site, you should unscrew just one AntiSpike so that it stands well on the four feet.

As the thread pairing of BlackScrew and AntiSpike is designed with slight friction, no lock-nut is necessary to avoid resonances. This makes the handling a lot easier than with conventional spikes.

### Further tips and tricks:

- Other possible applications of AntiSpikes are, for example, the coupling of wooden shelves to the HiFi rack or the coupling of racks or hifi-furniture to the floor.
- In general, AntiSpikes significantly reduce the booming of the bass. In extreme cases (floating wooden or laminate floors and very bass-heavy speakers), an additional stone plate (at least 4 cm thick) can be placed under the AntiSpikes. This plate should then be coupled to the floor with TransferDiscs.

### The most important facts in brief:

- The Antispike is specially designed for loudspeakers, loudspeaker stands, platforms and equipment in wooden or aluminum cabinets.
- If possible, a 4-point set-up should be chosen. Rocking can be avoided by unscrewing one AntiSpike slightly.
- The AntiSpike is mounted in such a way that the recessed area is pointing upwards towards the the bottom of the unit.
- Never tighten the AntiSpike firmly, only fasten it lightly.

### Delivery scope:

- 4 pcs AntiSpike, either M6, M8 or M10
- 4 pcs BlackScrew, either M6, M8 or M10
- 1 pc. operation manual