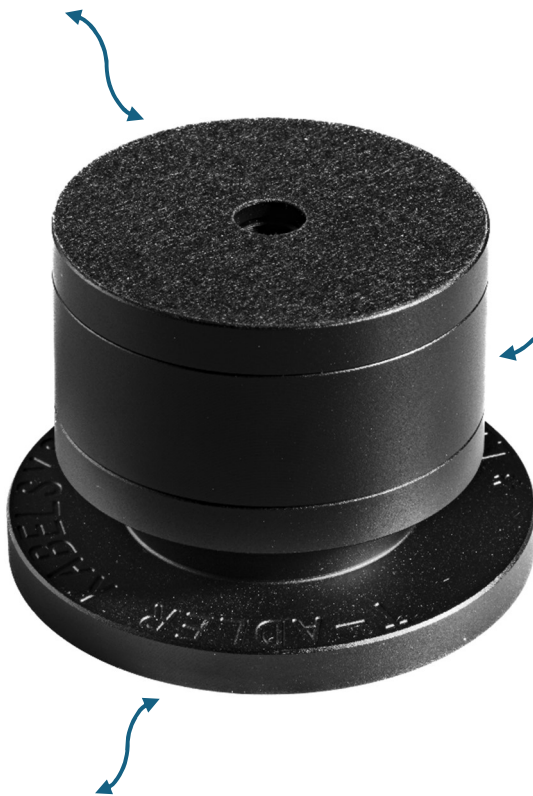


Leo Levitation System

- At the top of the Leo, a four-ventilation system allows for the release of pressure from within the levitation system.
- The assembly includes an 8mm screw hole at the top of the Leo levitation system to securely connect to the equipment, preventing wobbling or tipping.
- High-precision threads ensure a snug fit and enable adjustable height, which is essential for leveling the speaker and equipment.



- At the midpoint between the upper and lower levitation components lies the Harmonic Damping Sphere.
 - Our mechanical engineers have crafted this unique sphere, which serves as the heart of the levitation system.
 - We have chosen dense, hardened aluminum to efficiently transfer vibrations away from the equipment.
 - The radius of the hemisphere is crucial for optimizing motion efficiency. A broader tip evenly distributes impact forces, thereby reducing high-frequency vibrations.
 - The sphere features a pattern of micro-grooves or dimples on its surface, designed to disrupt harmonic vibrations, much like golf ball aerodynamics.
 - The internal geometry of the system counteracts the axial pressure from the equipment's mass, helping to suppress lateral vibrations.
 - We use materials with low inherent resonance to minimize energy transfer back into the equipment. Additionally, we apply a high-quality coating to ensure durability and consistent performance against corrosion.
- The lower section of the levitation system is designed to absorb vibrations from the ground, directing them to the system's center.
 - To assess our capability in harmonizing vibrations across different criteria, we measure the Leo's effectiveness in reducing vibrations using accelerometers or laser vibrometers. Subjective evaluations by audiophiles confirm improvements in sound quality, such as tighter bass and cleaner highs.
 - When positioning the Leo levitation system, we recommend adding damping material at the bottom if the surface is hard and uneven.
 - The number and placement of the Leo's levitation systems should align with the design of the equipment and speakers (three units for equipment and four for speakers).
 - Please adhere to our specified weight limits to support the equipment or speakers without causing deformation or instability.