



# STACORE



## STACORE Advanced USER MANUAL

**Thank you for purchasing STACORE Advanced anti-vibration platform. Before setting up the platform, please read carefully the instructions below. In case of any additional questions or problems, please contact us at [info@stacore.pl](mailto:info@stacore.pl)**

## **WARNING!**

The top plate and the platform base are very heavy at 32kg (71 lbs.) and 62kg (137 lbs.) respectively. It should be manipulated by two strong adult persons.

The air pressure in any of the sections should not be higher than 5 bar max (72 psi). The maximum load capability is 65kg (145 lbs.) The maximum platform elevation should not exceed 10mm (0,4") under any conditions.

Do not lift or move the platform when pressurized. Do not pressurize it in the upside down position. This can damage the air springs.

The slate surfaces, especially the logo, are sensitive to scratches, fingerprints, and stains. Please use the attached gloves to manipulate the platform and keep it away from any sharp objects and liquids to secure a superb look for a long time.

## I. SETTING UP THE PLATFORM

1. Wearing the attached gloves, carefully unpack the platform, taking out the top plate first.
2. Place the platform on a solid foundation. The total weight of the platform alone is 94kg (207 lbs.). The foundation must be able to reliably carry that weight plus the weight of the equipment to be placed on the platform. It is perfectly fine to use the platform directly on the floor, irrespectively of its type.
3. Place all three steel bearings in their nests and put the bearing balls in the bearings. The bearings should fit evenly.



4. **IMPORTANT! VERY GENTLY** lower the top plate on top of the bearing balls. The bearing balls should support the top plate only on the racing plates (three polished steel discs underneath the top plate)! Do not let the top plate hit the bearing balls as this can damage the racing plates. Try to place the top plate so that it matches the base.

NOTE: The top plate will swing easily and for a relatively long time once disturbed. This is normal and is at the core of its vibration isolation performance.

5. Place your equipment on the top plate. If the equipment is unbalanced (like most of the tube amplifiers), place the heavier side of the equipment above the two ball bearings. Do not exceed the 65kg (145 lbs.) max load! Heavier load can damage the bearings.

6. Unscrew the protective cap on the vent and connect a pump. Any pump with the car tire connection and capable of 5 bar pressure can be used. Put all the switches up. This is the "OPEN" position.



7. Pump until the platform rises some 3-10mm max (0.1"-0.4") above the ground. PLEASE DO NOT EXCEED THE 5 bar (72psi) MAXIMUM NOR THE 10mm (0.4") MAX HEIGHT! If you cannot lift the platform without exceeding the 5 bar max pressure, your equipment is way above the 65kg load maximum.
8. Put all the switches down. This is the "CLOSED" position. Disconnect the pump.



9. If you want to check the pressure in any of the sections, open the corresponding switch (put it up) and the manometer will show the pressure. Close the switch (put it down) after the reading to avoid unnecessary air leaks.

NOTE: With time, the manometer reading will gradually drop to zero with all the switches closed (down). This is normal and does not affect the performance of the platform.

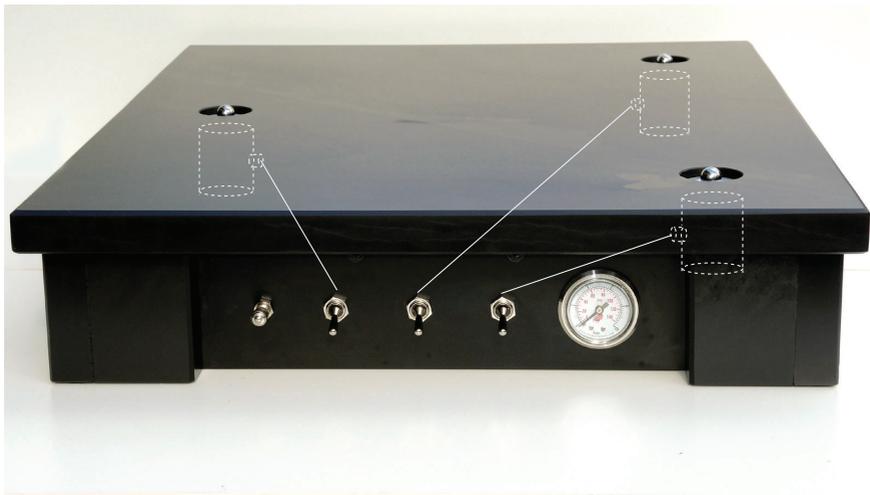
## II. LEVELING THE PLATFORM

Some audio equipment will require leveling, like turntables of CD players. STACORE platforms allow for an easy and reliable leveling using the air pressure in individually controlled support points:

1. Choose the surface you want to level. For example the platter of the turntable.
2. Place the level on the chosen surface. By opening (putting up) one switch at a time and releasing slowly the air through the vent achieve the level. To release the air, use the concave part of the vent cap by pushing it inside the vent. Place your equipment on the top plate. If the equipment is unbalanced (like most of the tube amplifiers), place the heavier side of the equipment above the two ball bearings. Do not exceed the 65kg (145 lbs.) max load! Heavier load can damage the bearings.



**Switches assignment:** The platform base has 3 virtual support points, located below the ball bearings. Each switch controls each point. Looking from the control panel, the switch on the left (close to the vent) controls the center point on the left side of the platform. The middle switch controls the far right corner and the switch close to the manometer - the closer right corner of the platform. Please see the picture below.



3. If any of the platform corners lowers below about 3mm (0.1"), reconnect the pump and rise the whole platform somewhat higher than it was before. Do not exceed the 10mm (0.4") max! Repeat step 2.
4. If you did not use the bubble (round) level, put the level in the perpendicular direction. Repeat step 2.
5. Close all the switches (put them down).

### III. MAINTENANCE

There is no special maintenance needed apart from an occasional (about once in 1.5-2 month) air pressure correction to compensate for the inevitable micro leakages. If any of the platform corners lowers below about 3 mm (0.1") then:

1. Connect the pump
2. Opening and closing one-by-one the right and the middle switches, pump each time a bit of air, preferable the same amount.
3. Opening the left switch, pump twice as much air as in step 2. This will maintain the level to a good degree.
4. If necessary, check the level and re-level.
5. Close all the switches (put them down) and disconnect the pump.

In case of any questions or problems please contact us at [info@stacore.pl](mailto:info@stacore.pl)

The STACORE Team wishes you happy listening and many exciting musical moments with our platform!



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