Platis 65

PLATIS 54 & 65 Isolation platforms s/n.: .....

Instruction manual

2023-6

Platis 54 and Platis 65 are isolation platforms to be used under any audio component in order to remove structual vibrations as well as vibration generated by the component itself. The difference between 65 and 54 is in sizes.

The top platform is a sandwich construction made of hard laminate plate reinforced with a solid aluminium plate underneth. Such a combination has very good vibration damping and filtering properties.
The platform is separated from the rigid aluminium frame by multi layered silicone& aluminum dampers which filter vibrations up to 3000 Hz. The damper's location is positioned with recesses made under top plate and inside frame. The top plate recesses are made slightly wider to easily accomodate horizontal positioning of the top plate within the frame.

The platform's loading is set up by the number of dampers inserted between the top platform and the frame.

The Platis has leveling feet which allow precise horizontal leveling, giving stability to the platform and also acting as noise filter suppressors.

Fig, 2. PLATIS parts

Fig. 3. Lifting top plate with two handles

Technical data:

Model	Size-Frame	Site-Top plate	Mass	Loading	Set of dampers
PLATIS 54	500 x 400 x 60 mm	468 x 368 mm	13 kg	0-120 kg	8 pcs
PLATIS 65	600 x 500 x 60 mm	568 x 468 mm	20 kg	0-140 kg	10 pcs

Set up and use:

Place Platis on a solid support. Remove blocking inserts. Use two handle screws and fix them in thread holes for 5-6 rotations. Fig. 3. Lift up top plate and remove unnecessary dampers. See chart below. Carefully position top plate back and unscrew handle screws. Rotate supporting feet to level Platis:
Level Platis 65 having 4 supporting feet. Level it by using spirit level. Rotate two diagonally opposite feet.
Level Platis 54 having 3 supporting feet. Level it by using spirit level. Rotate one foot at a time.


Fig. 4. Platis 65- 10 dampers- max


Fig. 5. Platis 65- 4 dampers- min

Loading	0-20 kg	20-40 kg	40-60 kg	60-80 kg	80-100 kg	100-120 kg	120-140 kg
PLATIS 54	4 pcs	4 pcs	4-6 pcs	6 pcs	8 pcs	8-10 pcs	----------
PLATIS 65	4 pcs	4 pcs	4-6 pcs	6 pcs	6-8 pcs	8 pcs	10 pcs

Start with the lowest number of dampers according to the above chart and if you feel it is not enought add one or two more. You should feel soft movements in the horizontal plane and a bit firmer in the vertical plane. You can also move dampers in the slots to accomodate off centre weight.

Add audio component and check loading and ensure that edges between frame and top plate are parallel. Fig. 2. If the audio component has a centre of gravitity at one side (power amps transformer,....) remove audio component. Insert back two handle screws and, for example if right hand side top plate is lower then on the left side, insert another damper and move it towards the centre of slot. Return component and observe height of the plate. If there is still a big difference, remove component and repeat process. More a damper is moved toward right the higher will be the top plate. Try to reposition dampers.
Check process from front and side view. If the top plate is too high, then remove a few dampers- if it is too low add dampers. It is simple trial and error and it is not so critical.

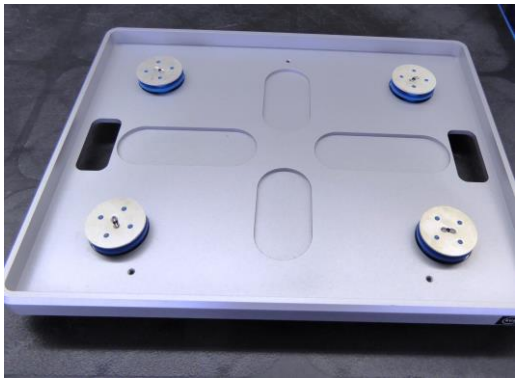
Fig. 7. Platis 54- silver version 4 dampers

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