

SILENT MOUNT

Energy managing Spike Mounts / Made in Japan



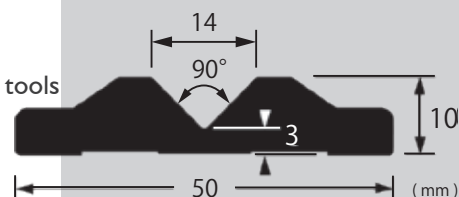
Andante Largo



Silent Mount SM-5X

Standard model for rack, speaker and amplifier.

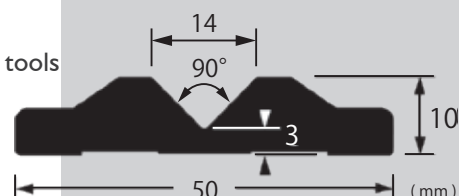
- Material Selected stainless Steel with alloy damper
- Construction Bi-metal double layered structure
- Finish Black
- Optimised for Equipment Racks and amplifiers
- Spikes Spikes with less than 70° points
- Load capacity Up to 80kg per mount
- Accessories Felt floor protectors / installation tools
- Weight 100g each
- Qty Multiples of 4



Silent Mount SM-5TX

Flagship model for racks, speakers and amplifiers.
Machined titanium

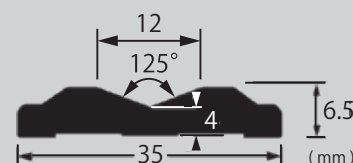
- Material Titanium with alloy damper
- Construction Bi-metal double layered structure
- Finish Polished titanium
- Optimised for Equipment racks and amplifiers over 25kg
- Spikes Spikes with less than 70° points
- Load capacity Up to 80kg per mount
- Accessories Felt floor protectors / installation tools
- Weight 60g each
- Qty Multiples of 4



Silent Mount SM-3TX

High-end model optimised for Light equipment and rack systems such as player tables. High quality Machined titanium.
The best for lightweight loads with a total weight of 25 kg or less.

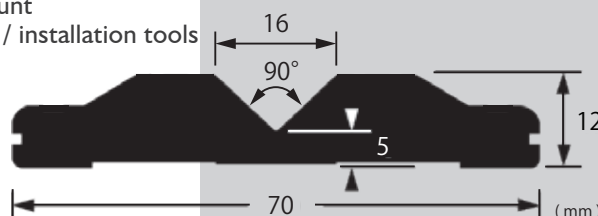
- Material Titanium with alloy damper
- Construction Bi-metal double layered structure
- Finish Polished titanium
- Optimised for Equipment racks and amplifiers under 25kg
- Spikes Spikes with less than 100° points
- Load capacity Up to 30kg per mount
- Accessories Felt floor protectors / installation tools
- Weight 20g each
- Qty Multiples of 4



Silent Mount SM-7X

For speakers.

- Material Selected stainless Steel with alloy damper
- Construction Bi-metal double layered structure
- Finish Black
- Optimised for Speakers
- Spikes Spikes with less than 70° points
- Load capacity Up to 150kg per mount
- Accessories Felt floor protectors / installation tools
- Weight 240g each
- Qty Multiples of 4



Why use Spikes?

● **Helps control vibration transmission** → Many devices suffer from microphony. Controlling the transmission of vibrations either from or to equipment can result in worthwhile musical performance improvements. Vibration transmission from speakers to Record players and amplifiers can be significantly reduced and provide substantial improvements.

● **Stable installation**

→ Stable installation greatly reduces unwanted cabinet movement. Extremely important in ensuring the drive units are pushing the correct amounts of air.

→ Even when resonance occurs, it can be damped and stopped more effectively.

In this way, spike legs are the best method for installing audio and video equipment because they can efficiently cut vibrations while stably installing the equipment.

Unique design

All SilentMount models are machined from high quality durable materials. This ensures that they have the strength to rigidly support all but the most extreme mass components. Great care has been made over the geometry of the mount to ensure a very good mechanical connection.

Internal resonances within the silent mount has been addressed by the selection and bonding of the damping ring that partners the top spike carrying plate.

● **Low center of gravity design** → The spike connects to the top of the silent mount plate at the bottom of a conical recess. the centre of gravity of this recess has been designed to offer the lowest centre of gravity within the body of the silent mount. The lower this centre of gravity the more stable the interface.

● **Adoption of silence technology** → The careful matching of the two metals that make up the silent mount and their bonding together provides a very effective damping system that greatly reduces resonances within the silent mount. All aspects of the matching and geometries have been developed through repeated research on materials and shapes. We believe that adding SilentMounts to your support systems will further help you to bring out more of the original expression that the performer wanted to convey, from the biggest most dynamic sounds down to the most delicate reverberations.

The technology of Silent Mount

The metals that can hold spikes firmly are all materials that naturally can resonate fairly easily, This ringing is in effect storing energy and feeding it back into the spike and the structure the spike is supporting. This unfortunately adds a colouration to the sound.

In order to absorb this ringing the addition of an internal ring manufactured from a different material (Resonance cancellation ring) is bonded onto the underside of the top spike supporting plate. This creates double structure that cancels out the material resonance. **It has both "Strength" and "vibration damping" to firmly support the spikes.**

Differences in design depending on the purpose

The design requirements for spike mounts are very different depending on what they are supporting. When working with speakers (obviously a large source of vibration) the silent-mount requires a wider diameter both to support the speaker properly and absorb the high levels of vibration being generated by the speaker.

At the equipment support it is important to limit the amount of vibration that reaches the equipment. This is especially important when using a record player as the source. These silent mounts therefore have a much smaller diameter and are optimised differently.

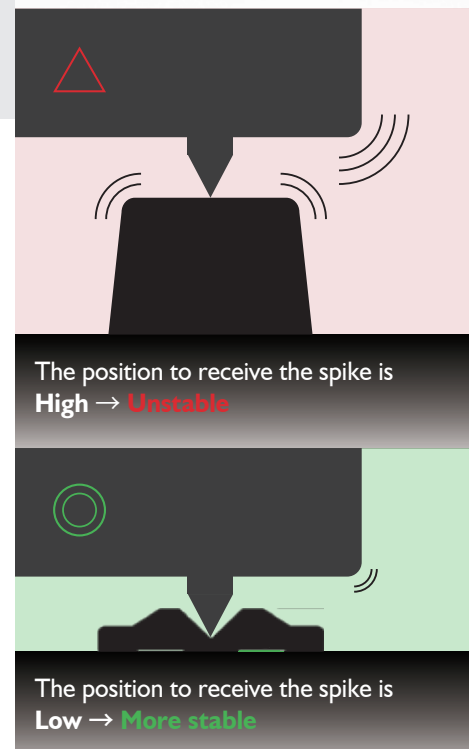
● **For speakers**

→ In order to firmly support the weight of the main unit and powerful vibrations, a wide design.

● **For rack, player and amplifier**

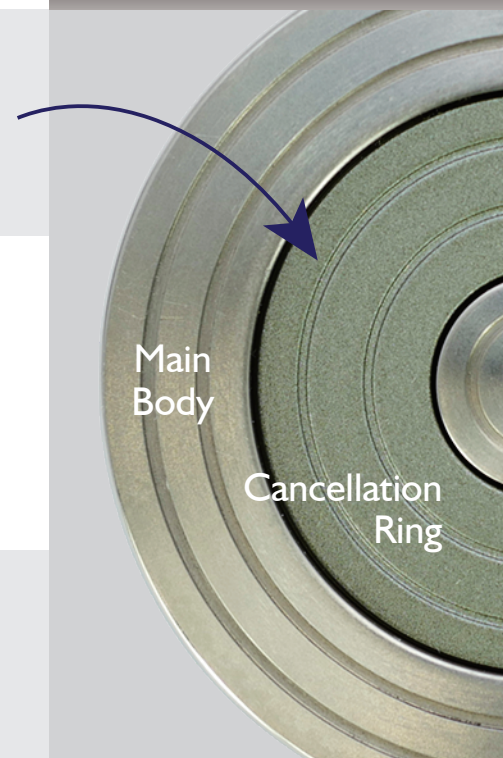
→ Compact and lightweight design that is stable and resistant to vibration from speakers.

SM-5X



The position to receive the spike is
High → **Unstable**

The position to receive the spike is
Low → **More stable**



Accessories

● Felt floor protectors (Supplied with all Silent Mounts)

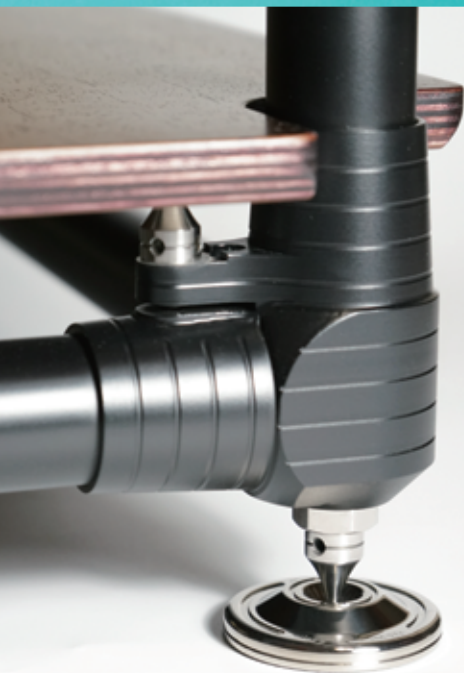
When using for a **rack, record player, or amplifier**, on to if the installation surface is a relatively **hard surface** such as wood flooring, stone, or an equipment shelf board, **attach a felt sticker** as this will perform better as well as offering further protection to the surface.

When the rack is being installed on a carpeted surface, we do not suggest using the floor protectors.

When using with a speaker / speaker stand, the best results are obtained without the floor protector whatever the floor covering.



SM-3TX + Rigid Base



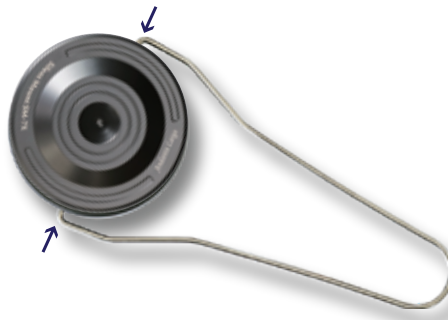
SM-5TX + Grand Tower



SM-7X

● Installation clamp tool (Supplied with SM-5X • SM-5TX • SM-7X)

A dedicated mounting tool that is convenient for installation in hard-to-reach places such as larger speaker cabinets and underneath large amplifiers. It aids placement directly below the spike during installation. It is attached to the silent mount by inserting it into the two holes on the side of the mount.



Related items

● Andante spike series

Precision machined spikes incorporating features developed from our work during development of our audio racks and turntable tables. By using far better materials and precision engineering of both the spikes and nuts as well as having a cross hole allowing easy accurate adjustment.

They are available in various sizes and thread types so providing upgrades to many different speaker stands and rack systems. Each pack contains 4 Spike & Nuts, and installation tools.



- TS-M6
- TS-M8
- TS-M10
- TS-M10-Q
- TS-M12
- TS-M12-J

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