

Introduction

Thank you and congratulations on purchasing Primacoustic ISO Plane, part of the Primacoustic family of acoustic treatment products. ISO Plane was conceived to be a multi-purpose vibration isolator and shock mount for use with studio monitor loudspeakers and equipment that is sensitive to vibration. ISO Plane will improve the accuracy of your studio monitors and home theater loudspeakers by minimizing the transfer of vibrations to supporting structures. ISO Plane will effectively shock mount turntables, CD players.



ISO Plane Users Manual

ISO Pad Manual Part # R870 1085 00

- High density polyurethane foam has inherent damping characteristics.
- Planar cut level surface permits multiple applications.
- Precision cut contour and clean cut appearance.
- When inverted, front lip grabs onto table edge.
- Split pad design accommodates equipment of any size.

Description

The ISO Plane system consists of 4 pieces of high density, low compression polyurethane foam, enough for two loudspeakers or two turntables. Each piece measures 12.75" x 4.5" with a maximum overall height of 1.5". The ISO Wedge is cut with a planar profile making it useful for isolating equipment that requires a level surface.

Applications

ISO Plane is used to counter the effects of vibration-loading, or the physical transfer of vibrations from one solid directly to another solid. In the case of loudspeakers, vibration-loading occurs when speaker cabinet vibrations are transferred to structures that support the loudspeakers. Vibration-loading is perceived as an artificial boost of mid-range and low frequencies.

The direct result of vibration-loading is that a listener will hear a combination of direct sound from the loudspeaker and the effects of structural resonance. They hear a frequency content altered by resonance instead of an accurate picture of what is actually on the recording. If that listener makes mix and equalization decisions based on what they are hearing, the mix will lack low and mid-range frequency content when reproduced on other play-back systems.

The ISO Wedge uses the natural vibration damping characteristic of high density opencell foam to isolate loudspeaker vibrations from studio furniture and fixtures. ISO Wedge offers the listener a truer reproduction of their mix without expensive structural modifications and electronic equalization. The resulting mixes will translate better across different playback systems.

Other Applications

In the case of vibration-sensitive equipment, vibration-loading can cause turntables and CD burners to skip. High output subwoofers are notorious for this. The natural damping characteristics of the ISO Plane make it very ef fective for shock mounting turntables and CD players. Using ISO Plane pads will also improve the sound quality of turntables and CD players. For turntables, less vibration mean less low frequency rumble, for CD players it means less error correction.



How to use ISO Plane

Installation of the ISO-Plane pads is easy. Simply place 2 pads under each device that you wish to isolate. Maximum stability is achieved by placing the pads close to the outer edges. Two ISO Wedge pads will accommodate virtually any size of loudspeaker or equipment. To match varying width, simply spread the pads apart.



By inverting the ISO Plane pads the front lip can be used to grab onto the table edge. This can provide extra grip to secure turntables and CD player in place during performance.



Note: Due to the nature of the material, slight variations in dimension and finish will occur but do not affect performance.

WARNING:

- A) Do not cover ventilation openings with the ISO Pads.
- B) Do not place ISO Pads on top of equipment that radiates heat.
- C) Do not place ISO Pads on surfaces that are smaller than the ISO Pads.
- D) Do not place top heavy or unbalanced loads on ISO Pads.
- E) Do not expose to open flame or excessive heat.

LIMITED WARRANTY

Please inspect products immediately after receiving your purchase. Primacoustic acoustic products are guaranteed to be free of manufacturing defects for a period of 3 years after purchase. In the unlikely event that a defect is uncovered, please call 604-942-1001 to obtain a RA number (Return Authorization number) from Primacoustic before the 3 year warranty period expires. Once you have obtained a RA number you must return the product, freight prepaid, within fifteen (15) days after the date the RA number is issued. Please return the product freight prepaid, within fifteen (15) days after the date of purchase from an authorized seller; plus (3) a letter describing the defect. Please indude your name, address, telephone number and the applicable RA number. You are sodely responsible for all shipping and insurance costs for returning the product to Primacoustic, and you will not be reimbursed or compensated for any loss or damage incurred during return shipping. Primacoustic cannot guarantee exact color match. This Warranty shall solely extend to the original owner and is limited to manufacturing defects and excludes damage due to improper installation, freight handling, wear and tear, abuse, misuse, misapplication, color fading or deterioration due to prolonged exposure to ultra violet light, smoke, humidity or other environmental factors. It is understood that the use and suitability of the product is entirely the responsibility of the buyer or specifying engineer and as such, these parties agree to hold Primacoustic, or its associated company, and/or officers, harmless from any responsibility of the product is entirely the responsibility of the buyer or specifying engineer and as such, these parties agree to hold Primacoustic, or its associated company, and/or officers, harmless from any responsibility whatsoever other than what is clearly outlined in this warranty.