

# **BASIS CALIBRATOR BASE**

## **OVERVIEW**

The Basis Audio **CALIBRATOR BASE** for the 2800, 2500, 2200, and 2001 turntables brings the performance of the 2000 series turntables to new levels. The Calibrator centers each Resonance Annihilator suspension pod in its exact correct position and places the motor in its correct position for proper belt tension. Retrofittable to these models of all vintages, the **Calibrator** also brings a revolutionary feature to 2000 series turntables: the ability to utilize the extremely important **Basis Cable Isolation System** for use with the Basis Vector tonearm. This system eliminates room vibration from reaching the isolated subchassis through the tonearm cable. Startling improvements in effortlessness, background blackness, and instrument tonality result from such complete isolation. Please refer to the "Cable Isolation System" for more information on this extremely important, yet very affordable accessory.

## **CALIBRATOR BASE DETAILS**

The Basis 2800, 2500, and 2001 use the unique Basis "Resonance Annihilator" fluid damped suspension systems. In the updated "Signature" version these fluid damped isolators effectively isolate the turntable from the listening environment. Extremely effective at converting structure borne resonance to heat energy through the use of a critically damped mass-spring system, the Annihilators just as effectively damp subchassis resonances generated by the action of the stylus tracing the record groove. The **Calibrator Base**, a precision-machined acrylic mounting base for the turntable, centers each Resonance Annihilator directly under its mounting point on the subchassis, allowing each Annihilator to work most effectively and resulting in a perfect balance of the suspension system. The **Calibrator** features leveling feet in each corner, eliminating the leveling operation from being handled by the Resonance Annihilator pods; each suspension unit therefore operates in a more linear fashion. The 2001 through 2800 suspensions, when used with the **Calibrator**, now perform with greatly enhanced stability and filtering action.

These turntables feature decoupled free-standing motors. The **Calibrator** places the motor in the ideal position for proper belt tension and for the least interaction with the suspension.

## **BASIS/VECTOR CABLE ISOLATION SYSTEM**

Most importantly, the **Calibrator** may be furnished with a special **Vector Cable Isolation System**, eliminating the Vector's normal cable attachment point on the subchassis of the turntable. This support isolates the cables from the suspended turntable assembly. In this manner the **Calibrator** increases the isolation of the Basis fluid damped suspension and eliminates the tonearm cable influence. The sonic difference this makes is astounding. We've always known that significant vibrational energy is transmitted up all tonearm cables. Test this for yourself: place a cable against your ear, and scratch the other end of it. You will hear that the cable is an extremely effective conductor of vibrational energy. If this energy enters the isolated subchassis system of your turntable your record player will replay this signal, increasing the distortion of your system. Eliminating this source of vibration by mounting the cables to the "far side" of the suspension eliminates this conduction path. Naturally, only a tonearm such as the Vector, with a very fine cable loop, can benefit from this isolation. Tonearms with full cables exiting from the bottom of the arm will be always be plagued with detail-robbing, grain-creating vibration traveling up the cable. Further, only a turntable with an extremely effective suspension will benefit from the further, final isolation detail of decoupling the tonearm wires.

Never has any turntable/tonearm system so closely approached the grain-free, effortless presentation of high-speed master tapes as does the Basis/Vector system using the Cable Isolation System.

The **Calibrator Base** is available in clear or black acrylic.