

# BASIS

**BASIS AUDIO, INC.**

**2000 SIGNATURE SERIES TURNTABLE**

**USER'S GUIDE**

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## INTRODUCTION

Thank you for purchasing the BASIS 2000 turntable. We are confident that you will come to view your decision to use a BASIS turntable as one of the most musically rewarding equipment choices in your audio experience.

The incredible precision of the BASIS bearing and platter system will allow you to feel the emotion of the music's natural flow. Each instrument's natural timbre will be portrayed with uncanny realism, and the entire presentation will be without the exaggeration and artificial air that the resonances of lesser designs create. Our goal at BASIS is that this effortlessness and realism allow you to relax and appreciate the music more than you ever have before.

BASIS also strives to protect your investment and to make upgrading your system as easy and economical as possible. Therefore, your 2000 can be upgraded to the 2001 by adding the incredible isolation of the "RESONANCE ANNIHILATOR" suspension system at any time. This upgrade will further increase the effortlessness and detail of your 2000 turntable.

*→ To realize the potential of your new turntable, and to prevent any damage that would delay your enjoyment, please carefully read these instructions before attempting to assemble your 2000.*

## UNPACKING AND SETTING UP YOUR 2000 TURNTABLE

NOTE: You will find some white cotton gloves packed with your turntable. You may wish to use the gloves while you are handling the acrylic pieces of the turntable to prevent fingerprinting and scratching of your finely finished Basis turntable.

You will also find a bubble level, which will help you when you are leveling the turntable.

If you have not purchased the Basis Clamp with your turntable, you should consider this purchase to optimize your vinyl playback system. The matched bearing/platter interface on the 2000 aligns the platter and bearing for repeatable accuracy. **Using the Basis clamp** will add substantial pressure to this critical interface, **resulting in the highest performance** from this standpoint as well as from the standpoint of better record/platter coupling. During the quality control stage of matching platters and bearings at Basis all measurements are taken when using the Basis clamp, which substantially increases the accuracy of the rotating platter.

1. Locate the box labeled "2000 Bearing".
2. Unpack the bearing. Note that the bearing should not be held inverted for more than a few seconds unless you hold the spindle/shaft into the housing. Failure to hold the shaft into the housing will result in the shaft slowly sliding out of the

housing, and a subsequent loss of the bearing oil. This would necessitate refilling of the bearing, and could permanently damage carpeting or any fabric onto which the oil might spill.

3. In the "Misc." box locate the 2 6-32 x 1/2" long bearing screws and the long hex wrench that fits these screws.
4. Unpack the sub chassis. **CAUTION: take care not to cut into the sub chassis when opening the package.** If you use a knife to cut the tape, cut just deep enough to cut the tape.
5. Fit the bearing into the top of the sub chassis (the top side has a counter bore or sunken area) and rotate the bearing so that the screw holes in the bearing line up with the holes in the sub chassis.
6. From the rear side of the sub chassis pass the screws through the holes in the sub chassis and screw them into the bearing. Tighten the screws firmly but not excessively.
7. Locate the "Corner Pod" boxes. Open the 2 boxes and unwrap the 4 pods.
8. Screw all 4 pods into the sub chassis. **DO NOT TIGHTEN THE PODS** but rather screw them into the sub chassis until there is a gap of approximately 2 to 4 mm between the sub chassis and the top of the pod.
9. Open the "Platter" box. **CAUTION: take care not to cut into the platter when opening the package.** If you use a knife to cut the tape, cut just deep enough to cut the tape.
10. Note that the rear of the platter has an arrow. Note that the bearing has a black line on the outer surface. When placing the platter on the bearing align the arrow and line. This orientation results in the most accurate rotating assembly, with the lowest possible wow and flutter. **CAUTION: WHEN PLACING THE PLATTER ON THE BEARING, IT MUST BE SLOWLY LOWERED. ANY SHOCK OR IMPACT CAN RUIN THE BEARING.**
11. Open the "Motor" box. Carefully lift the motor out, taking care not to allow any side force to act on the pulley. **ANY SIDE FORCE OR SHOCK ON THE PULLEY CAN RUIN THE MOTOR BEARINGS.**
12. After you have placed the turntable in its final location place the motor to the rear of the sub chassis, centered left-to-right **on the centerline of the platter.** Space the motor away from the sub chassis by the approximate width of the belt. **NOTE:** You may place the motor to the left side of the turntable as an alternate location. In this case, the motor is centered front to rear, and is spaced the same distance from the sub chassis edge, approximately one belt width. If you choose this alternate location you may note that the suspension is not as evenly balanced. This is merely cosmetic and will not compromise the isolation of the system.

13. Locate the Belt. Loop the belt around the lower, smaller diameter surface of the pulley and the platter. Guiding the belt at the pulley with one hand to be sure that it does not jump off the pulley, slowly rotate the platter with your other hand to cause the belt to find its natural position on the platter.

Enclosed with your turntable are 12 rubber rings to place over the threads of any motor feet you have partially unscrewed in your adjustments. You may stack as many rings as necessary on the threads of the motor feet. Then you may lightly tighten the feet, slightly compressing the rubber rings, so that the threads are under tension, thus eliminating any free play or “wobble” between the feet and motor.

14. Mount the tonearm following the tonearm manufacturer’s instructions.
15. Level the turntable by turning the silver knob in the appropriate direction to raise or lower the corner in question. When turning the knob to adjust level first lift the sub chassis in that corner so that the pod is lifted off of the turntable stand. Then turn the knob. This will allow the entire pod to turn while you are turning the knob.
16. Adjust the feet on the motor so that the belt rides 1/8” or more above the bottom of the platter. This will prevent the belt from jumping off the platter if the turntable is bounced while the platter is rotating.
17. To operate the 2000 at 45 RPM it is necessary to move the belt to the upper portion of the pulley.
18. Connect the bearing ground wire to the ground on your preamplifier or to a true ground. This wire drains static electricity from the platter/bearing assembly and is not critical sonically except for performing this task.

## QUESTIONS AND ANSWERS CONCERNING THE 2000 TURNTABLE

**Question:**

*“What are the sonic affects of raising or lowering the sub chassis by turning all 4 pods a certain number of turns?”*

**Answer:**

There are none. This merely adjusts the height of the sub chassis, which does not affect the sound.

**Question:**

*“What type of turntable stand should I use?”*

**Answer:**

We have not yet found a stand that makes a significant sonic difference. We suggest using a stand that represents to you the best compromise regarding fit of the turntable, aesthetics, and cost.

**Question:**

*“Must I disassemble my 2000 to move it?”*

**Answer:**

You should always remove the platter when moving the turntable to prevent damage to the bearing. You do not need to remove the suspension, but remember that the suspension fluid will spill if the turntable is tipped more than approximately 10 degrees.

## **BASIS AUDIO, INC. LIMITED 10 YEAR WARRANTY**

**BASIS AUDIO, INC.** warrants this product to be free from defects in workmanship and materials for a period of 10 years from date of purchase.

Purchaser must submit to **BASIS** within 10 days of purchase the completed, signed, and dated warranty registration form and a copy of the bill of sale for this warranty to become valid. Failure to provide the warranty registration form to **BASIS** within the ten day period following purchase shall render this limited warranty void and inapplicable.

This warranty is subject to the following conditions: This warranty applies only to the original purchaser/owner. Warranty is void and not applicable if this product is or has been operated or handled in any way not consistent with the guidelines set forth in the owner's manual.

Warranty is void and inapplicable if product has been abused/damaged as a result of negligence, or damaged in shipping /handling.

Warranty is void and inapplicable if this product has been modified, repaired or tampered with by anyone other than BASIS or an authorized service representative.

Should this product fail to meet the above warranty purchaser assumes obligations to re-package and return the unit to the dealer, **BASIS AUDIO, INC.**, or a designated service representative at his/her own expense.

Where the above conditions have been complied with, **BASIS AUDIO, INC.** shall without charges for parts and/or labor, repair the defect and return the unit to purchaser **FREIGHT COLLECT.**

Implied warranties related to the above are limited to the duration of this warranty.

Warranty is not extended to cover ANY incidental or consequential costs or damages to the purchasers.

Certain states do not allow limitations on how long an implied warranty lasts, or exclusion or limitation of incidental or consequential damages, so the aforementioned limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.