

*THE TNT-JUNIOR MK-2
TURNTABLE*

SETUP AND INSTRUCTION
MANUAL

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HOW TO SET UP YOUR TNT JUNIOR MK-2

The most important thing you can do for your TNT JUNIOR MK-2 is to place it on a flat level surface. It cannot be stressed enough that a flat level surface will make setup of your TNT JUNIOR very easy.

Placing the TNT JUNIOR MK-2 on a flat level surface of at least 27” X 21” will allow future use of the optional full size dustcover.

LIST OF PARTS IN BOXES

1 – BOX A

- a- Main chassis with legs
- b- Motor
- c- Record clamp and washer
- d- Instruction manual kit containing:
 - 1- Instruction manual
 - 2- Allen wrench for arm board screws
 - 3- Allen wrench for leveling
 - 4- Drive belt

2- BOX B - Super platter

BEGINNING THE SETUP

- If you are reading this manual you have already opened up the box that contains the main chassis, motor, and the four feet. If you ordered a JMW tonearm with your JUNIOR, it will be mounted on the TNT chassis arm board.
- Remove the remaining center foams and cardboard spacers until the main chassis and motor is visible. Remove the motor now.
- Carefully lift out the main TNT JUNIOR MK-2 acrylic chassis. Be very careful when removing the plastic bag not to scratch or chip the chassis. If your tonearm is pre-drilled you do not have to remove the arm board. If the arm board needs to be drilled for mounting, remove the six screws holding the arm board to the chassis with the Allen wrench provided.

- Follow the tonearm manufacturer directions perfectly when setting up your tonearm. If you are not sure of anything, call the manufacturer or importer. When drilling the TNT JUNIOR arm board remember to use all generally accepted safety practices. It is usually better to have the tonearm board pre-drilled by VPI or your dealer.
- Place the chassis of the TNT JUNIOR MK-2 where you want it. With the chassis in place, rotate the feet to make sure they are centered. If necessary you may shift them laterally to center them. You should now peel the paper off the top of the chassis and discard it.
- Remove the black platter and pull off the tape covering the bearing hole. Place the platter on the bearing shaft and spin it to make sure it turns freely. The motion should feel damped, but free. You should feel no grinding, or rubbing, and there should be no noise.
- Place the motor section in the cutout on the left of the TNT JUNIOR MK-2 chassis centered in the large cutout. The motor cutout is large to accommodate a future upgrade to the HR-X dual motor/flywheel assembly.
- Remove the drive belt from the bag and place the belt in the middle groove of the small diameter of the motor pulley (33 speed) and around the platter. Plug the motor cord into a 3-prong grounded outlet and start the motor. Never use a cheater plug to avoid plugging in the ground. Grounding of the motor assembly will insure that the magnetic field surrounding the drive motor will not cause hum in the cartridge.
- If nothing was disturbed or damaged in shipment, the TNT JUNIOR should be level and running with the belt in one of the platter grooves. Be certain that the belt runs level from the pulley to the platter. If it doesn't, you can raise or lower the entire chassis by turning the feet equal amounts. Use the feet to level the turntable.
- When the belt is running true, place a 9" or 12" line level in the center of the platter parallel to the front of the TNT. Rotate the feet to level the table. This is more critical than the belt leveling. Do not bother to level the chassis itself as this is a waste of time and is sonically unproductive. Move the level so it is parallel to the sides of the TNT and do a final level adjustment. This is less important with the new inverted bearing as there are no teeter-totter effects with this new design.

- Locate the one-piece record clamp. You will see a rubber washer. Place this washer over the center spindle of the turntable. Put a record on the platter and begin to screw down the record clamp. The clamp will feel stiff at first, but it will loosen as you use it. Turn the clamp down approximately ¼ turn past the point where the rim touched the record label. This will vary with records and you will acquire a feel for it. If you tighten too much, the rim of the record will bend upward away from the platter and degrade the sound.
- When used properly this record clamping system will force the air out from under the record and form a partial vacuum. You will notice when you release the clamp that the record does not pop back up. If done properly you will get most of the effect of a vacuum with none of the maintenance or record damage problems.
- You can expect a break-in period of at least 30 hours before the TNT JUNIOR MK-2 will sound its' best. Try to turn the turntable on for at least 15 minutes before listening. This will allow the belt to loosen up and the lubricant in the motor and bearing to warm up. It is perfectly normal for the motor to make a low-level noise. None of this gets into the system and will eventually reach very low levels. The more you use the TNT JUNIOR MK-2 the quieter the motor will become.
- **NEVER RUN THE TNT JUNIOR MOTOR WITH THE BELT OFF, THE MOTOR NEEDS A LOAD TO STAY COOL AND RUN PROPERLY**
- You must mail in your warrantee card. Failure to do this will prevent us from servicing your TNT JUNIOR MK-2 under warrantee, in the unlikely event that something might happen to it.
- The TNT JUNIOR MK-2 is fully upgradeable in one shot, or in stages to the TNT SERIES 6. Please contact your dealer or VPI for more information on these upgrades.
- The platter on your TNT-JR is the same diameter as the HR-X platter and can therefore be used with the optional Periphery Record Hold Down (PRHD). This gives a truly flat platter equal to a vacuum system. Check the website for pictures of the PRHD

VPI INDUSTRIES, INC. LIMITED WARRANTY

VPI Industries Inc. (VPI) warrants this TNT JR MK-2 against defects in materials and/or workmanship for 5 years from the date of purchase by the original retail purchaser. VPI's sole obligation under this warranty is limited to the repair or replacement, at VPI's option, of any part(s) found to be defective.

VPI's obligation to repair or replace defective parts is the purchaser's sole and exclusive remedy, and VPI shall not be liable for any direct or indirect injury and/or property damage arising out of the use of the product or defect in or failure of the product.

This warranty does not extend to any unit whose serial number has been defaced or altered, or to any product that VPI determines contains a defect of malfunction due to incorrect installation, modification, misuse or servicing by the purchaser, or service technician not authorized by VPI to perform such service. It does not cover trivial or cosmetic defects that do not impair the unit's normal function.

VPI reserves the right to make changes in this product without assuming any obligation to install such change in any product previously manufactured.

This warranty to repair or replace defective parts is in lieu of all other express or implied warranties of merchantability or fitness for a particular purpose. There are no warranties that extend beyond the description herein.

Some states do not allow exclusion of implied warranties or limitation of incidental or consequential damages, so the above exclusion or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.