

# VPI Nomad Turntable Manual



## Setup and Instruction Manual



VPI Industries, Inc., 77 Cliffwood Ave. #5D, Cliffwood, NJ 07721

<http://www.vpiindustries.com>

# Nomad Turntable Packing List

Serial #: \_\_\_\_\_

Nomad Chassis	
Cartridge Installed	
Instruction Manual	
Drive Belt	
Power Supply	
Platter	
Tonearm	

Date: \_\_\_\_\_

Final Check by: \_\_\_\_\_

## NOMAD SPECIFICATIONS:

Type	Belt drive (manual turntable)
Motor	24 VAC Synchronous AC Motor
Turntable Platter	Machined MDF
Diameter	11.81" (30.0 cm)
Turntable Speeds	33-1/3 RPM and 45 RPM
Wow and Flutter	0.06% WOW (In accordance with DIN specification) 0.04% Flutter (In accordance with DIN specification)
Rumble	<-80dB (IEC 98A Unweighted)
Effective Arm Length	240.7 mm
Overhang	0.65" (16.4 mm) Lofgren A
Offset Angle	21.8°
Arm Mass	10g (without cartridge)
Stylus Pressure Adjustment Range	0 - 3g (with 4 g cartridge)
Cartridge	Ortofon 2M Red
Output	5.5 mV @ 1 KHz
Phono Preamplifier Gain	35 db
Cartridge Loading	150 pF Across 47K Ohms
Frequency Response	20 Hz – 20 KHz (-0.5 db at 20 Hz)
Low Frequency Rolloff	-1.4 db @ 10 Hz
Output Voltage (on RCA Jacks)	287 mV @ 1 KHz
Headphone Amplifier Gain	10 db
Frequency Response	20 Hz – 20KHz (-0.4 db at 20 KHz)
Output Level	395 mW per Channel @ 150 Ohm 165 mW per Channel @ 32 Ohm
Power Supply	24 VAC @ 50 - 60Hz
Power Consumption	7.7W at full output with 32 Ohm headphones
Safety Approvals	Built to meet UL6500, EN 60065
Dimensions	18.5" (470 mm) W x 13.5" (343 mm) D x 4.3" (109 mm) H
Weight	12.9 lbs. (5.9 kg)

## **IMPORTANT: READ BEFORE PROCEEDING!**

- Read and follow the SAFETY INSTRUCTIONS below.
- Save all packing materials. The Nomad should only be moved or shipped in its original packaging to reduce the risk of damage in transit.
- The Nomad must be placed on a flat, level surface. This will make setup easy, provide better sound quality, and put less strain on the main bearing.

## **SAFETY INSTRUCTIONS:**



Follow the instructions below to reduce risk of electrical hazard or injury.

1. To avoid electrical shock, do not open the motor cover.
2. If the power cord provided with the Nomad does not reach an outlet, use a heavy-duty, grounded extension cord.
3. To avoid electrical shock, always plug the Nomad into a grounded outlet.
4. Do not expose the Nomad to rain or excessive moisture.

## **INTRODUCTION:**

The VPI Nomad is the first all in one high-end entry level turntable. Complete with a headphone amplifier, phonostage, and pre-mounted Ortofon 2M Red cartridge on a 9 inch Gimbaled/Yoke bearing, it is the perfect solution to being enjoying your records! It also has standard RCA connections giving the ability to hook up to a standard amplifier and desktop/floor standing speakers. The Nomad turntable is a precision instrument. It has been thoroughly tested.

***WARNING: The Nomad's phonostage is defeat-able but must be disengaged before being plugged into another phonostage. Doing so could result in serious damage to your speakers. See your local dealer or check online for directions to disengage your internal phonostage.***

## **OPENING THE BOX:**

The VPI Nomad is protected by custom designed foam packaging to make it easy to remove and begin your listening experience. All foam parts easily lift off from the box. Make sure to save all packaging in the event you ever need to safely ship your Nomad table.

## **Setting up the Nomad**

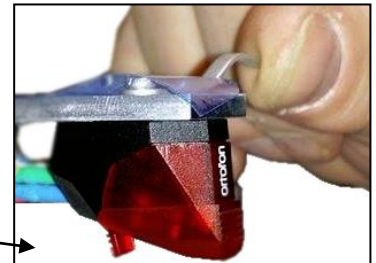
The Nomad must be placed on a flat, level surface. This will make setup easy, provide better sound quality, and put less strain on the main bearing.

1. Place the turntable chassis, with the square cutout on the left, on the shelf or stand where it will be used. The better isolation you provide the Nomad, the better it will sound. We highly recommend a 1 to 3 inch thick maple shelf sitting on rubber isolator feet for this purpose.

2. Remove the turntable platter and place the platter on the tapered spindle. The platter bearing is lubricated; no additional lubrication is needed for at least one year. If you need to lubricate the bearing place 3 drops of 40 weight motor oil in the spindle hole.
3. Connect the power cord to the motor, then place the motor, with the power cord at the rear, next to the square cutout of the turntable chassis.
4. Lift the chassis and place it over the power cord. The motor should extend approximately .25 inch from the side of the turntable chassis.
5. Place the drive belt around the platter and around the pulley on the motor. The belt does not have to be level on the platter. It will self-level when the platter starts rotating.
6. For 33 RPM operation, place the belt on the upper part of the pulley. For 45 RPM operation, place the belt on the lower, wider part of the pulley. The center groove in each diameter is the correct speed. To determine the precise speed, use a strobe disc. The VPI Synchronous Drive System speed controller provides the ultimate speed accuracy and best sound. Check with your dealer about availability.
7. Verify the turntable is level by using a 9 or 12-inch bubble level front-to-back and side-to-side on the platter. If it is not level, rotate the aluminum cone feet up or down. If you must turn the Nomad feet more than three full turns, level the shelf or platform the table sits on first.

### REMOVING THE CARTRIDGE GUARD

The Ortofon 2M Red cartridges pre-mounted on the Nomad comes with a cartridge guard to protect the stylus. To remove the guard (while facing the Nomad) gently press the tab of the guard towards you to release and remove.



### Arm Height and Azimuth

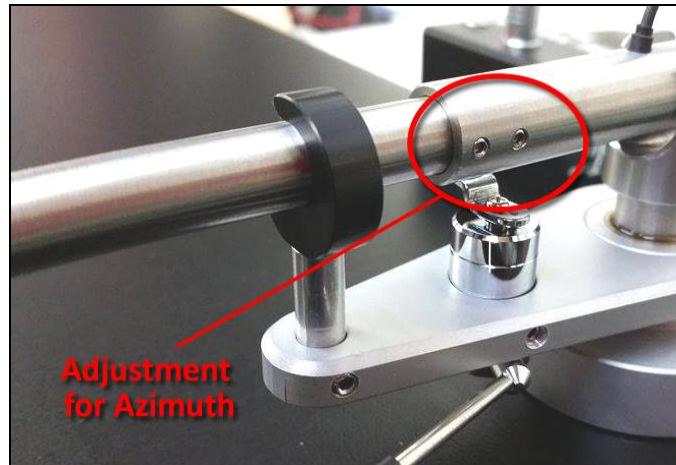
Both your arm height and azimuth is already factory set for you! All adjustments are optional. If you want to make your own adjustments you can adjust the height of the arm from underneath your turntable under the arm base, and the azimuth using the two small screws located on the right hand side of the arm tube.

Optional adjustment for arm height (VTA) as follows:



*Loosen the nut, remove the ground wire, then you may adjust the height by turning the brass nut.*

Optional adjustment for the azimuth as follows:



*You may adjust azimuth by loosening the side screws and turning the armtube.*

#### **CHANGING SPEEDS:**

The VPI Nomad comes with a two speed pulley, 33 and 45. To adjust the speeds simply move the belt from one pulley groove to another.



#### **CONNECTING TO THE PREAMPLIFIER/AMPLIFIER**

- Only use interconnects that are shielded and properly grounded. Non-shielded can hum.
- The ground connection is available to eliminate hum if necessary. If hum is present, first connect a ground lead from the connector block to the preamplifier or amplifier to which the output cable is connected. If this does not eliminate the hum, run a ground wire from the turntable chassis to the connector block as well. The block's connector will accept bare wires, spade lugs, or ring tongue connectors.
- **Do NOT plug the Nomad into an external phono stage unless you have disengaged your internal phono stage! Doing so could possibly damage your speakers!**

## **PLAYING RECORDS**

- Make sure the VPI slip mat that comes standard with the Nomad is secure.
- If using headphones, plug your headphones into the headphone amplifier located in the front left of the Nomad. Be sure to set your volume at a preferred level before listening.
- Press the power button and sit down and enjoy listening to your records with.

## **GENERAL USE**

- Allow at least 20 hours of break-in time.
- The motor will make some low-level noise. This will not get into the system. The motor and bearings will become quieter as you use your Nomad.

## **RECOMMENDED UPGRADES (SEE YOUR LOCAL DEALER)**

- HR-X Center Weight
- JMW 9 Unipivot Tonearm
- Nomad Aluminum Drop on Platter
- Defeat-able Phonostage – You can upgrade as you grow with your system
- Ortofon 2M Blue, Bronze, or Black (other cartridges can be used but the 2M series is compatible and easy to use with the Nomad)

### **VPI Industries, Inc. Limited Warranty**

VPI Industries, Inc. (VPI) warrants this unit against defects in materials and/or workmanship for one(1) year 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. Any product that VPI determines causes a defect or malfunction due to incorrect installation, modification, misuse, or servicing by the purchaser, or service technician not authorized by VPI to perform such service will not be warranted. This warranty 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 not 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.

Register your Product Online:

<http://vpiindustries.com/warranty/>

