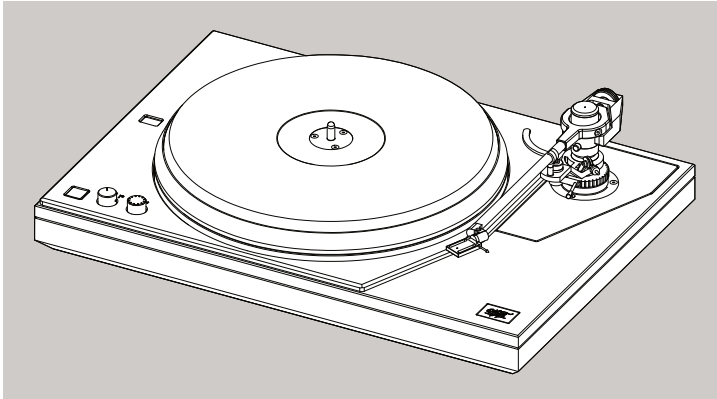


*Mofi*

ELECTRONICS



## Thank You for Purchasing MasterDeck®





MasterDeck® was born from a challenge I set for myself: after spending 35 years developing no-expense-spared turntables, could I achieve that level of performance at a much higher-value price? The result is MasterDeck®. It incorporates all the ideas for platter bearings, drive systems, tonearm concepts, and material combinations that I have developed over the decades. It also reflects my vision of presenting these ideas in a reliable and beautiful package. Bringing performance typically reserved for esoteric products to a broader audience of music enthusiasts is a true pleasure. I wish you many years of happy listening.

**Allen Perkins**

Lead Analog Designer, MoFi Electronics

# Important Safety Instructions

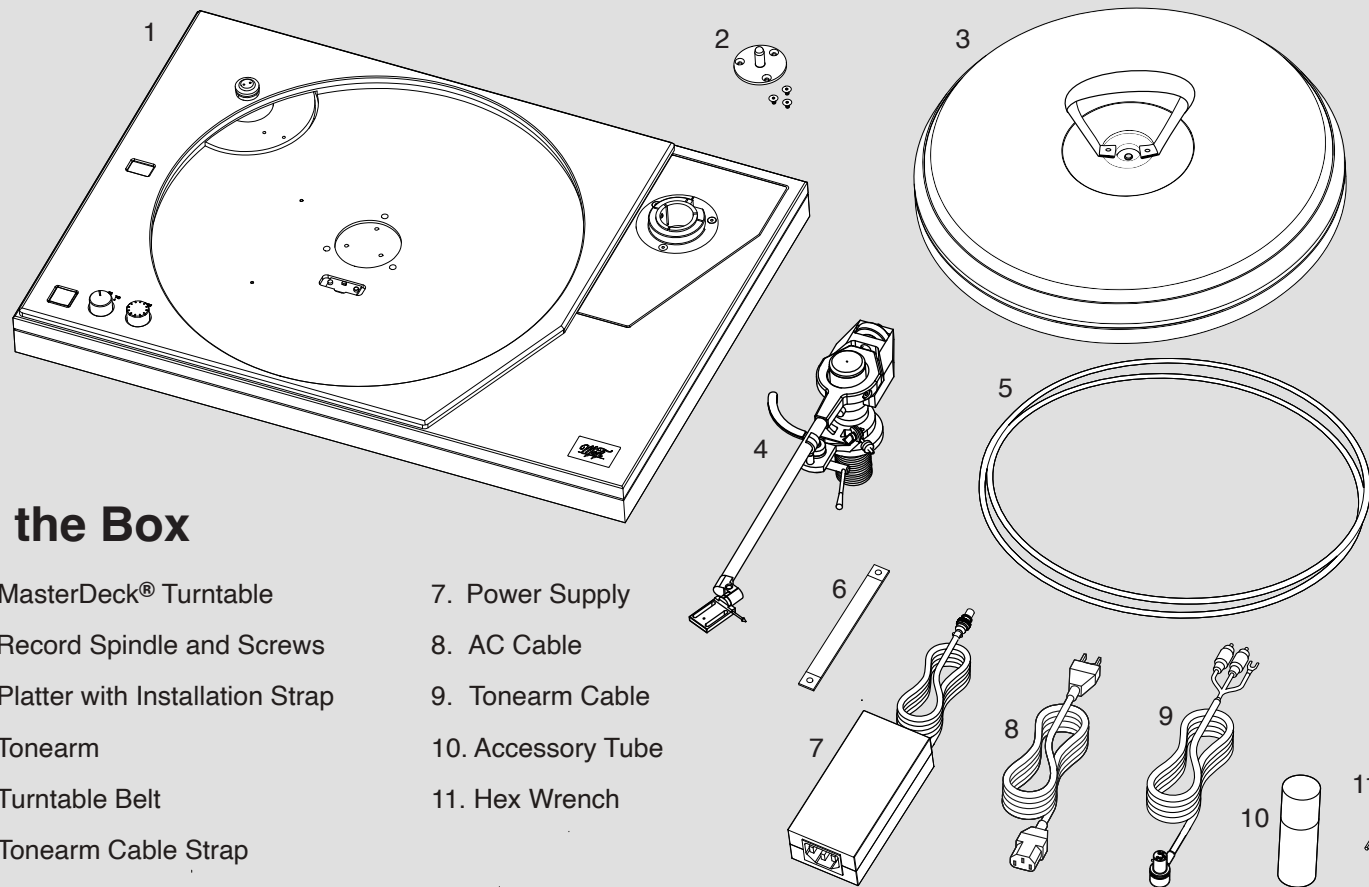
 The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert you to the presence of dangerous voltage inside the product that may constitute a risk of electric shock.

 The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance instructions in the literature accompanying the product.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

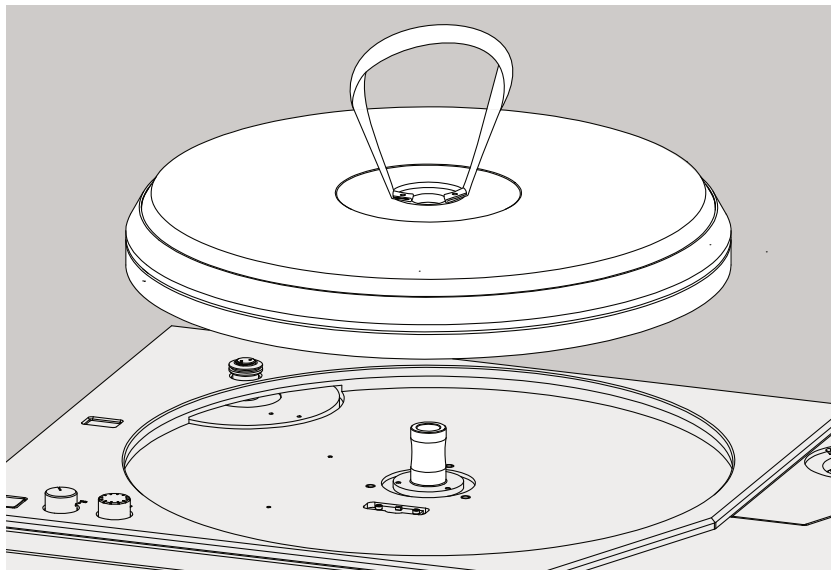
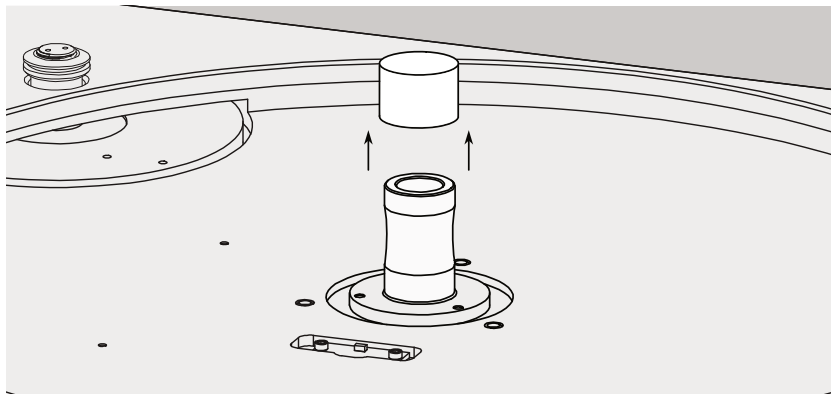
1. Read instructions: Read all safety and operating instructions before operating MasterDeck®.
2. Retain instructions: Retain safety and operating instructions for future reference.
3. Heed warnings: Adhere to all warnings on MasterDeck® and in the operating instructions.
4. Follow instructions: Follow all operating and use instructions.
5. Cleaning: Unplug MasterDeck® from the wall outlet before cleaning with a damp cloth. Clean the outside of MasterDeck® only.
6. Attachments: Do not use attachments that are not recommended by the manufacturer; they may be hazardous.
7. Water and moisture: Do not use MasterDeck® near water.
8. Accessories: Do not place MasterDeck® on an unstable cart or stand. It may fall, causing bodily injury and damage. Any product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause MasterDeck® and the cart to overturn.
9. Power sources: Operate MasterDeck® only from the type of power source indicated on the label. If you are unsure of the type of power supply to your home, consult your dealer or local power company. MasterDeck® is equipped with a three-prong grounding plug. This plug will only fit into a grounded power outlet.
10. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding plug.

11. Power-cord protection: Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them.
12. Lightning: Unplug MasterDeck® from the wall outlet for added protection during a lightning storm, or when it is left unattended and unused for long periods of time. This will prevent damage due to lightning and power line surges.
13. Overloading: Do not overload wall outlets or extension cords. This can result in a fire or electric shock.
14. Inserting objects into MasterDeck®: Never push objects of any kind into MasterDeck® through any openings; they may touch dangerous voltage points or short-out parts that could result in fire or electric shock.
15. Servicing: Do not attempt to repair or service MasterDeck® yourself. Opening or removing covers may expose you to dangerous voltage and other hazards. Refer all servicing to qualified service personnel.
16. Damage requiring service: Unplug MasterDeck® from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - A) If the power-supply cord or plug is damaged.
  - B) If liquid has been spilled into MasterDeck®.
  - C) If MasterDeck® has been exposed to rain or water.
  - D) If MasterDeck® does not operate normally according to the operating instructions.
  - E) If MasterDeck® has been dropped or damaged in any way.
  - F) If MasterDeck® exhibits a distinct change in performance.
17. Replacement parts: When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock, and other hazards.
18. Safety check: Upon completion of any service or repairs to MasterDeck®, ask the service technician to perform safety checks to determine that the turntable is in proper operating condition.
19. Wall or ceiling mounting: Mount the product to a wall or ceiling only as recommended.
20. Heat: MasterDeck® should be situated away from heat sources such as radiators, heat registers, stoves, and other products (including amplifiers) that produce heat.



## In the Box

1. MasterDeck® Turntable
2. Record Spindle and Screws
3. Platter with Installation Strap
4. Tonearm
5. Turntable Belt
6. Tonearm Cable Strap
7. Power Supply
8. AC Cable
9. Tonearm Cable
10. Accessory Tube
11. Hex Wrench



## Platter Installation

The lower bearing is capped to seal in lubricant during shipping. Remove the cap and, using the included grease applicator, remove some of the grease (making sure to not remove all of the grease) from the inside of the lower bearing and coat the outside of the lower bearing. Using the installed strap and supporting with your other hand, lift and carefully lower the platter onto the lower bearing. It may take a few minutes (spinning the platter by hand helps) for the platter to initially settle.

### ▲Warning:

Use caution when seating the platter as the weight can cause injury to fingers if trapped.

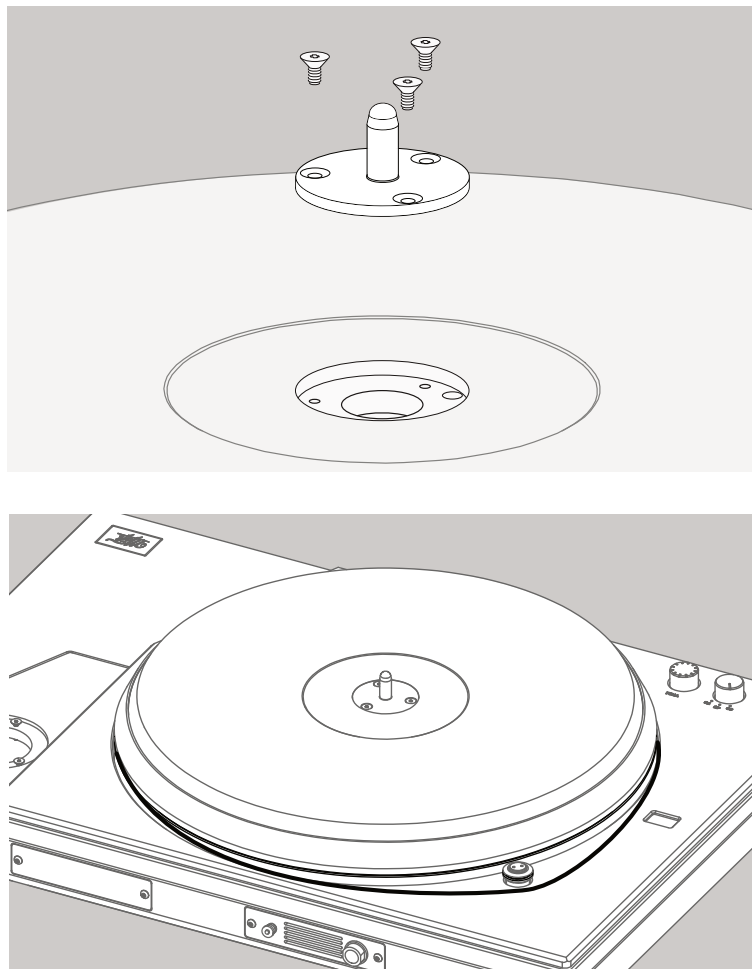
## Installing Spindle and Turntable Belt

Remove the platter strap by unscrewing the brass nuts. Install the record spindle using the three included screws.

### ▲ Warning:

Over-tightening the screws may strip the threads in the Delrin platter surface.

Install the turntable belt into the groove in the pulley and then into the groove of the platter. This is a good point to check to be sure the platter has settled by using the belt as a visual marker.

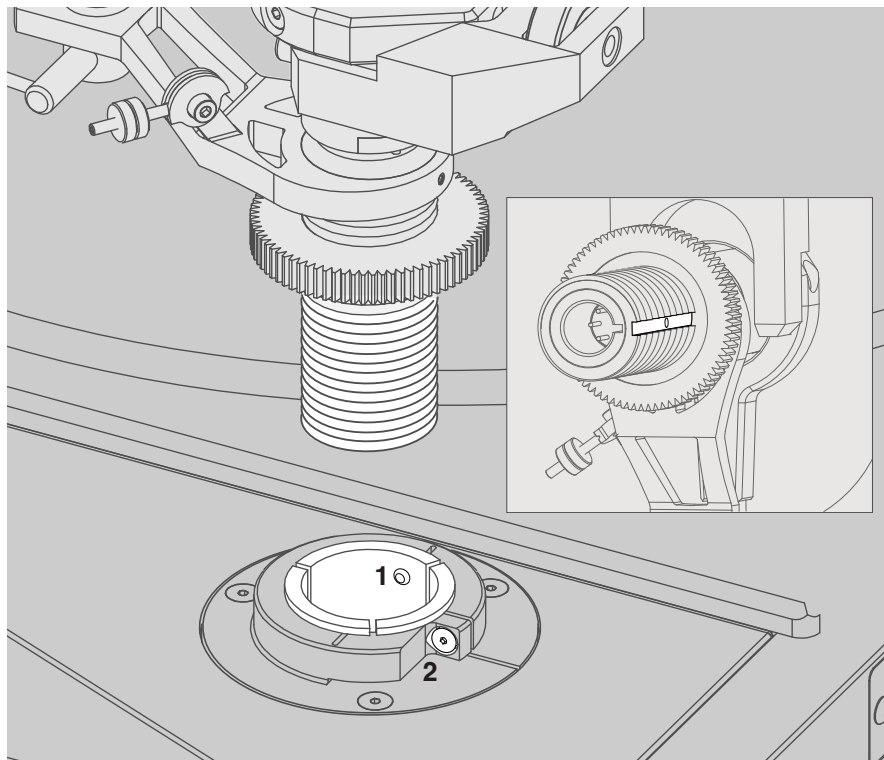


## Tonearm Installation

Place the tonearm in the base, aligning the slot with pin (1).

Tighten screw (2) to secure the tonearm in the base.

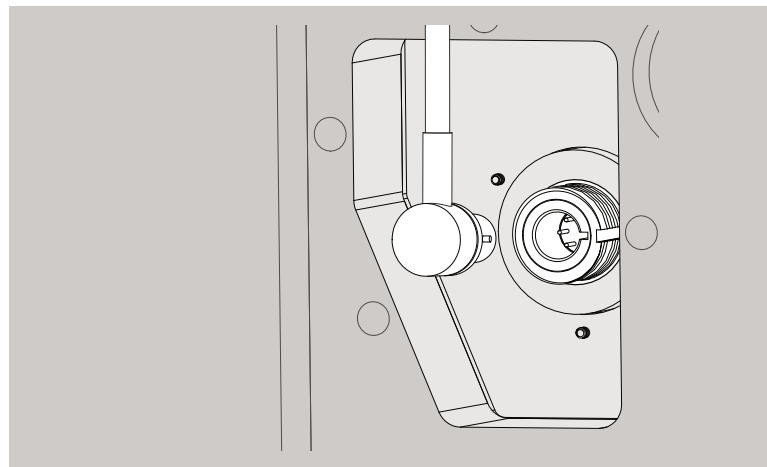
Tonearm is preset to factory recommendation.



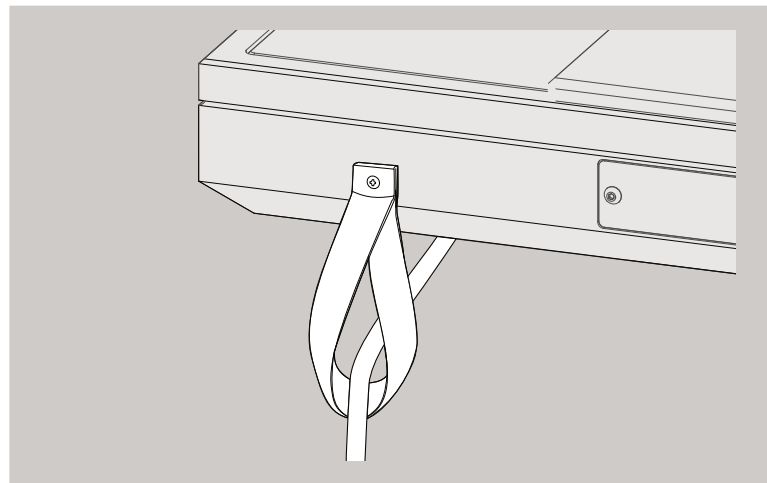


## Tonearm Cable

Plug in the tonearm cable, aligning the slot with the pin.



Install the cable strap with the included screw and route the cable through the rear strap.

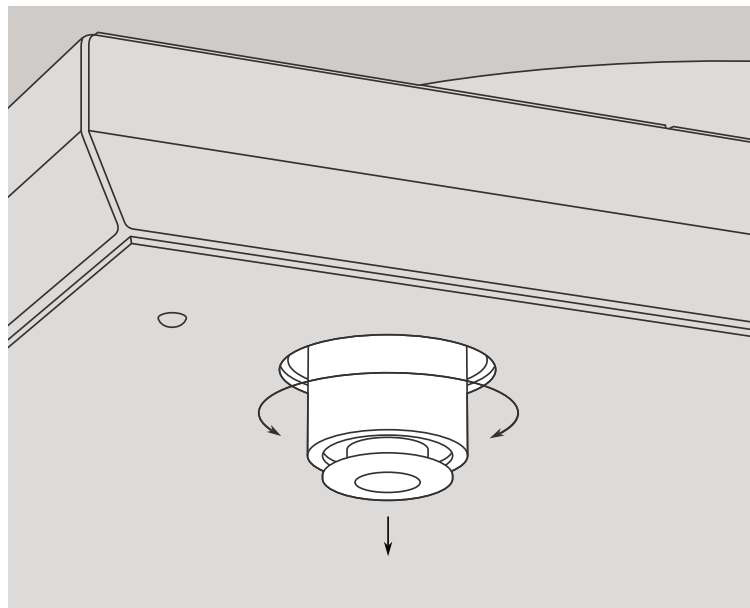


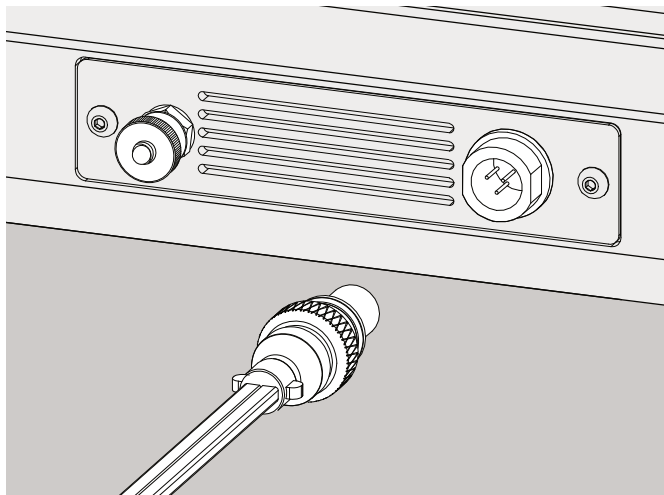
## Leveling the Turntable

### ▲ Warning:

The playing location should be level and capable of supporting at least 40 lbs.

Level the table by using a bubble level in all directions (left/right; front/back). The table arrives level for a flat surface. If you are placing your MasterDeck® on a level surface, the table should need very little adjustments. If you do need to adjust it, we recommend that you use shims to level the structure that the turntable is on. If that isn't an option, you may carefully unscrew the low foot slightly to raise the height.





## Power Supply

Connect the power supply to MasterDeck®.  
Connect the AC cord to the power supply brick.  
Connect the AC cord to any outlet or power conditioner.

▲ Power off your phonostage (not included) and connect the RCA plugs to the appropriate channels.

## Ground Screw

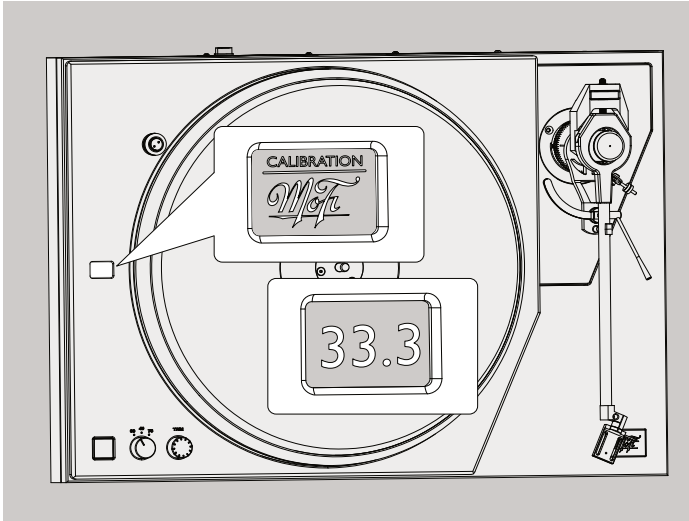
Your turntable has a ground screw on its rear panel that grounds the turntable body. There is a ground wire on your tonearm cable. We recommend trying the arm and table ground separately and then connecting both to determine what combination results in the lowest noise floor for your system.

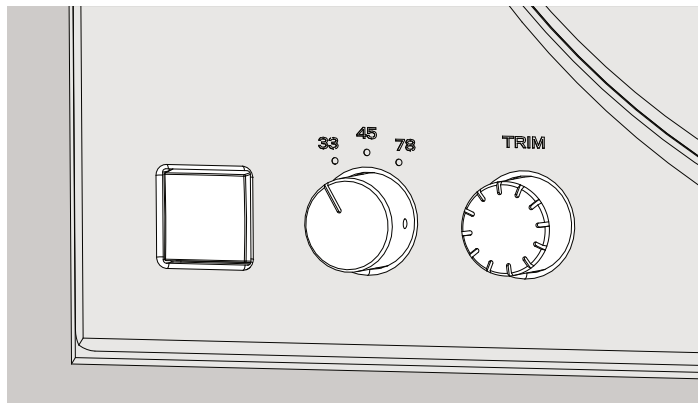
## Calibration Process

Before calibrating your turntable it should be fully assembled and leveled in its playing location with tonearm and power supply brick attached.

1. Plug the AC cord into the power brick. When power is attached the MoFi Logo (light blue) is displayed for 1 second

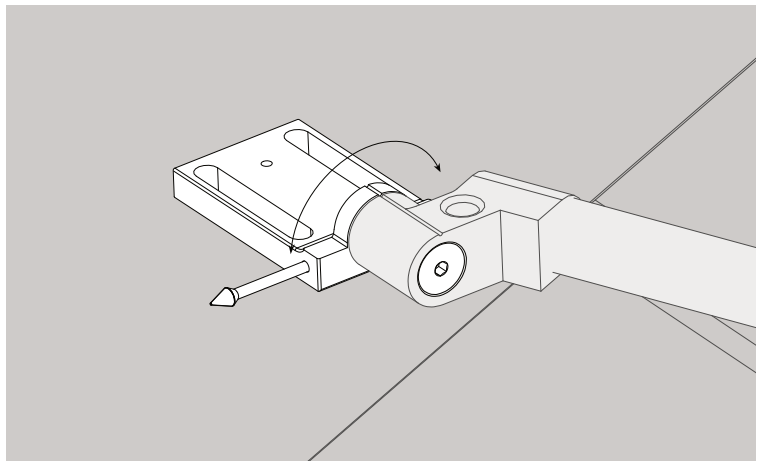
2. Press the power button to start the platter. The button will turn orange, the blue MoFi logo will turn on again for a few seconds then calibration will begin. The display window will read "CALIBRATION" in blue and show a spinning wheel for 1 to 2 minutes while calibration is in process. When the process is complete the turntable will power off and the window and square button will not be lit. This full cycle only happens the first time your MasterDeck® is turned on after being unplugged.





## Operation

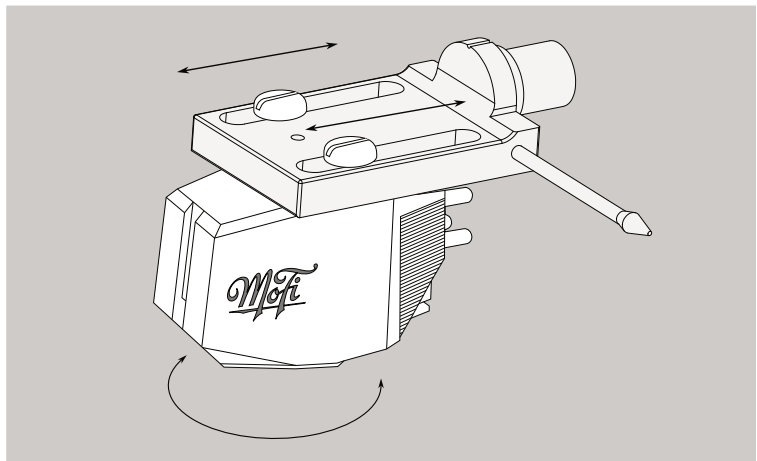
Set the speed dial to the desired speed and press the power button. The platter will start to spin and the display will show the platter speed in orange as it spins up to speed. The trim knob allows you to adjust the speed from standard 33.3, 45 or/and up to 78 RPM. Each click of the trim knob changes the speed by 0.1 RPM with a total range of approximately +/- 9 RPM. If the platter is stopped, it will restart at the standard speed. Altered speeds are shown in the display in blue.



## Cartridge Installation

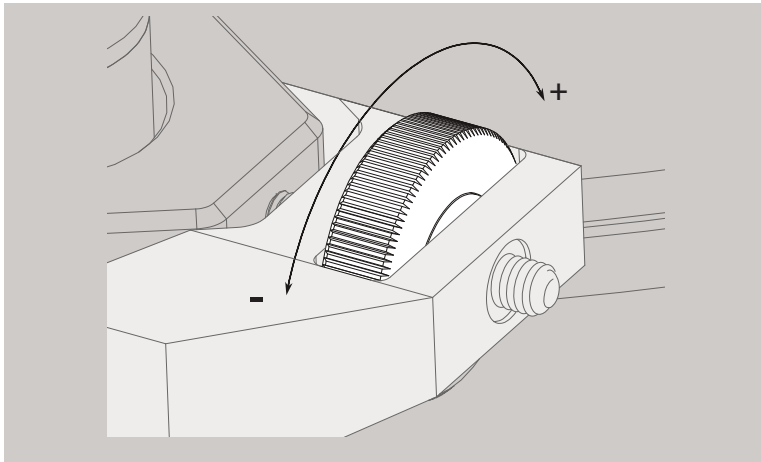
If a cartridge is not included with the product you've purchased, follow the cartridge manufacturer's installation instructions..

If your MasterDeck® came with a preinstalled cartridge, these settings were completed at the factory.



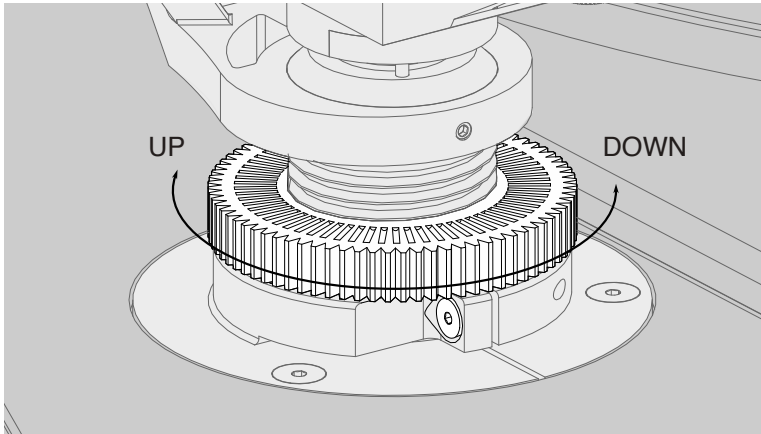
## Setting Azimuth, Overhang, and Zenith

Loosening the headshell screw allows the headshell to rotate for azimuth adjustment. The headshell slots allow you to move the cartridge forward and back to adjust overhang. They also allow rotation for zenith adjustment.



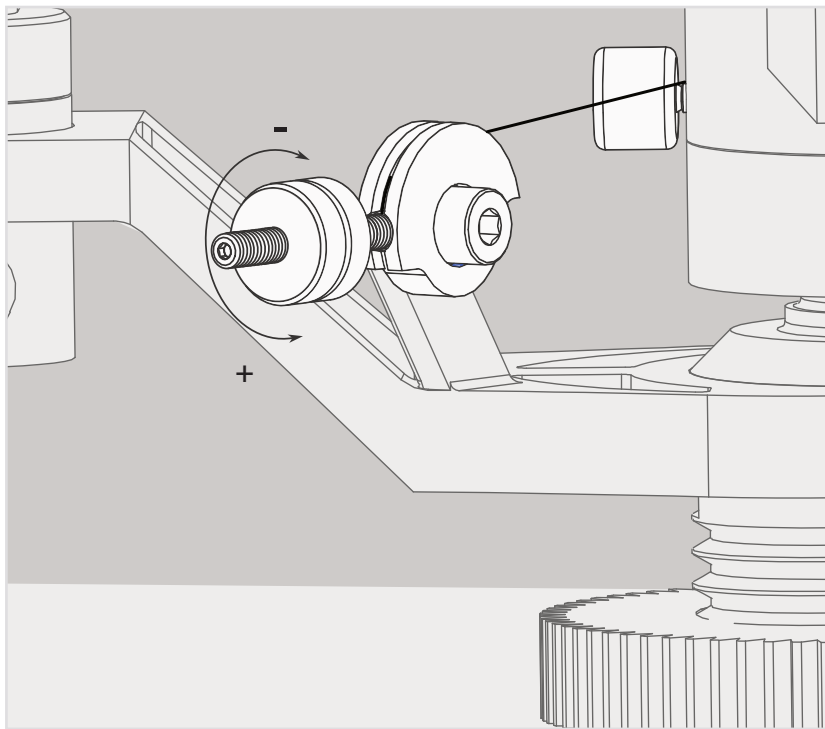
## Setting Tracking Force

Adjust the tracking force by rotating the knurled nut. Moving the nut toward the cartridge increases the tracking force; moving the nut away from the cartridge decreases the tracking force.



## Setting Vertical Tracking Angle (VTA)

Adjust the vertical tracking angle (VTA) by loosening the screw on the base and moving the knurled nut up and down.



## Setting Anti-Skate

Adjust anti-skate force by moving the weights. Movement toward the tonearm decreases force; movement away from the tonearm increases force.



## MasterDeck® Turntable - Specifications

Drive System:	Belt Drive, AC Synchronous Motor.		
Speeds:	33.3, 45, 78 RPM	with adjustment +/-	
Platter:	Aluminum with Delrin record surface. 14.35 LB.		
Power Supply Requirements:	120V 60Hz, 220-230V 50Hz, 100V 50Hz		
Power Consumption	<5W		
Dimensions	W 20in. H 5.125in. (~ 6.250 with tonearm.)	D 15.125 including AC cable	
Weight	37.4 Lbs		

## MasterDeck® Tonearm - Specifications

Type:	Unipivot/Gimbal hybrid
Arm Tube:	Straight Damped Carbon fiber
Pivot to Stylus Distance	10" (254mm)
Overhang	18mm
Offset Angle	22.8
Cartridge Weight Range	5-14G





[www.mofielectronics.com](http://www.mofielectronics.com)  
Proudly built in Michigan.