

TURNTABLE

TOURNE-DISQUE | TORNAMESA

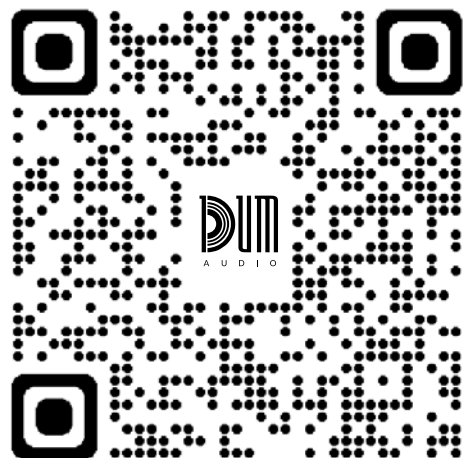
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CONTACT AND SUPPORT

<https://dumaudio.com>

Support: hello@dumaudio.com

For instructional videos, please scan the QR code:



Important!

Read these instructions and all safety warnings before operating or assembling this product, failure to do so may result in damaged equipment or personal injury.

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Thank you for purchasing Dum Audio's semi-automatic belt-driven turntable. Dum Audio's premium turntables deliver precise and clear sound with minimal noise and is easy to set up and operate.

To get the most out of this Dum Audio product follow these instructions carefully. If you have any questions please contact support or see the instructional videos on our website:

www.dumaudio.com



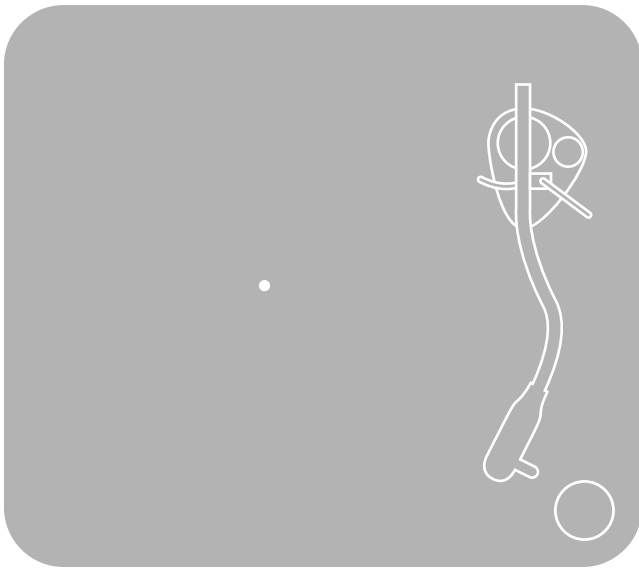
FEATURES

- Semi-automatic (turntable stops automatically)
- Belt-drive motor
- MDF plinth with real hardwood veneer
- Custom aluminum tonearm
- Built-in by-passable phono pre-amp
- Shock-absorbing feet
- Plays at 33 1/3 and 45 RPM
- Cartridge and dust cover included

Carefully remove the contents from the packaging and verify that you have all the parts indicated below.

CONTENTS

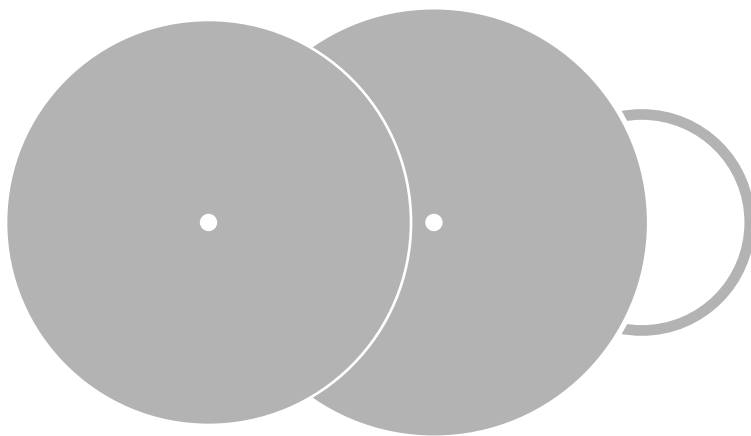
- Turntable
- Counterweight
- Platter and Mat
- Power Cable
- Dust Cover
- Drive Belt
- RCA Cable
- Grounding Cable



Turntable



Dust Cover



Mat

Platter

Drive Belt



Counterweight



Stylus
Cleaning
Brush

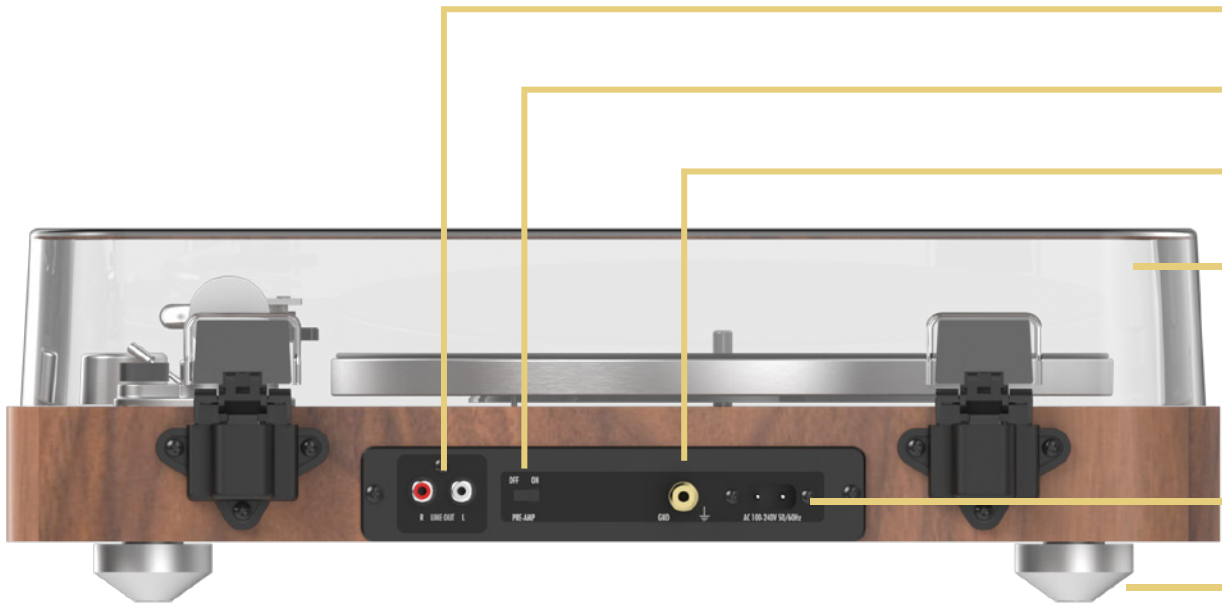


RCA and
Grounding
Cable



Power
Cable

Note: The Mat comes pre-installed on the top side of the Platter and the Drive Belt comes pre-installed on the underside of the platter.

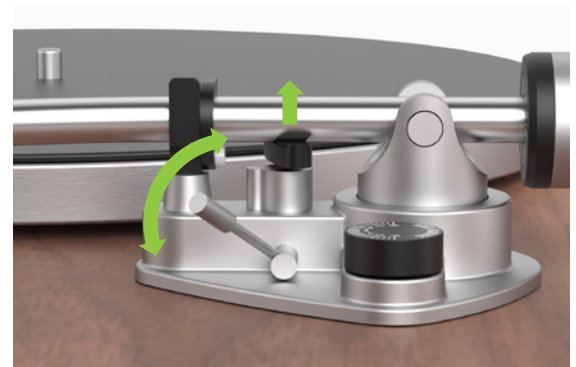


- 1 Adjustable Counterweight
- 2 Anti-skating Adjustment
- 3 Cue Lever
- 4 Safety Clip/Lock
- 5 Tonearm
- 6 Mat (Black Rubber)
- 7 Platter
- 8 Headshell and Cartridge
- 9 Speed Control – On/Off Switch
- 10 RCA Line Out
- 11 Preamp On/Off Switch
- 12 Grounding Lug
- 13 Removable Dust cover
- 14 Power Input
- 15 Self Adjusting Feet

Important: The Dum Audio Turntable is a delicate and sensitive piece of precision equipment. Always exercise care and attention whenever handling it.



Always keep the Tonearm secured in place with the Safety Clip/Lock whenever handling or moving this equipment.



Always use the Cue Lever to gently lower the stylus onto the record.



Protect the stylus from any possible damage.

TURNTABLE ASSEMBLY AND SETUP

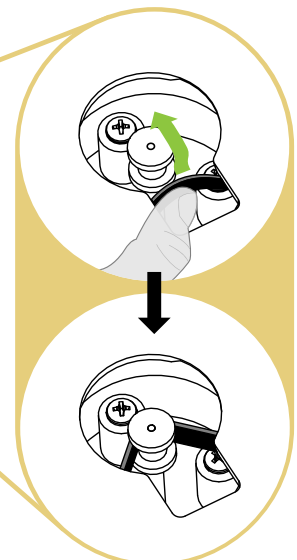
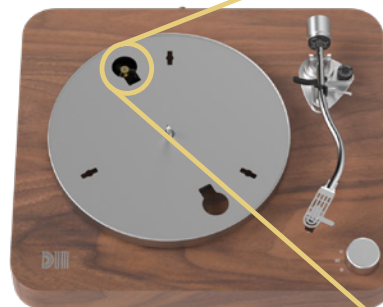
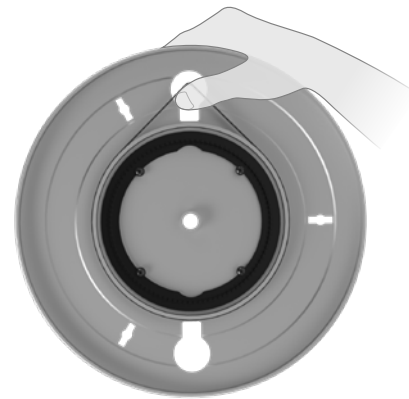
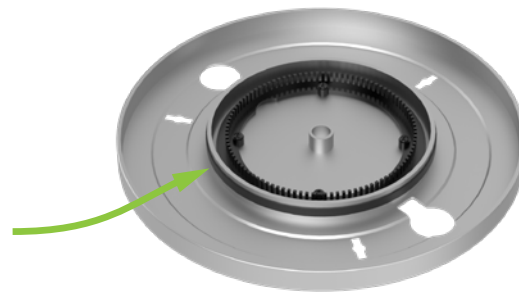
1

ATTACHING THE PLATTER AND DRIVE BELT

During shipment the Turntable Drive Belt is mounted on the underside of the Platter as shown. Before using the Turntable, it is necessary to attach the Drive Belt as described below.

Important: Make sure the Tonearm is secured in place with the Safety Clip/Lock and that the equipment is disconnected from any power source before proceeding.

- 1 Remove the Mat from the Platter.
- 2 With your thumb and forefinger, one on each side of the Platter, gently stretch the Drive Belt over the inspection hole in the Platter as shown.
- 3 Maintaining your grip and with the Belt in place, gently place the Platter onto the center spindle, while passing the Belt over the motor drive Pulley from the top side.



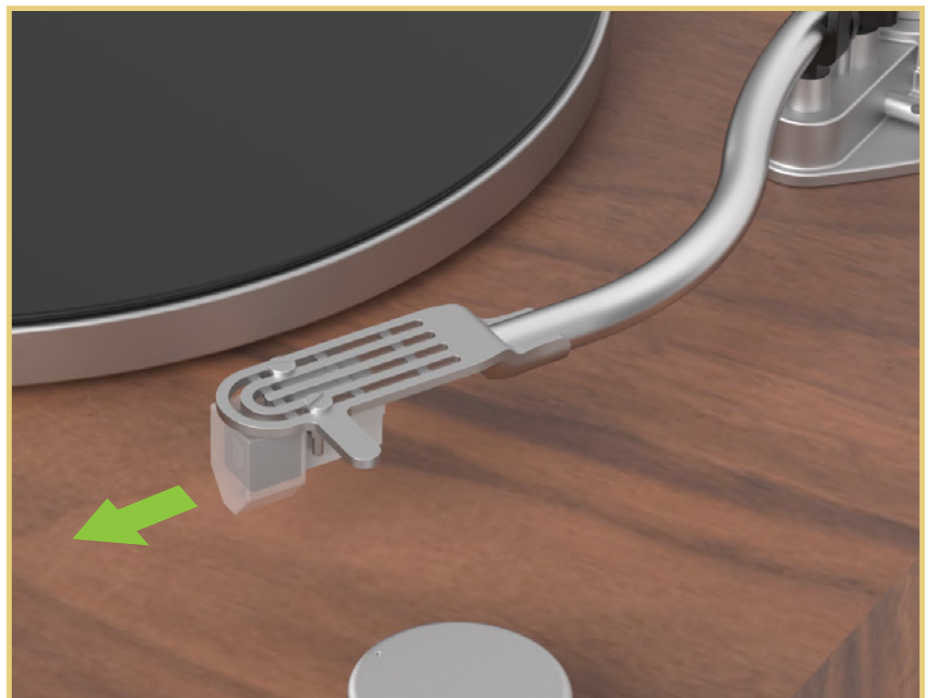
ATTACHING THE COUNTERWEIGHT

- 1 With the Tonearm secured in place with the Safety Clip, slide the Counterweight onto the rear end of the Tonearm until it clicks into place, as shown.



REMOVE HEADSHELL PROTECTIVE COVER

- 2 Remove the Cartridge cover before balancing and zeroing the Tonearm.



ZERO THE COUNTERWEIGHT

To set the correct tracking weight for the Cartridge, it is first necessary to balance or 'Zero' the Tonearm. To do so, follow these steps:

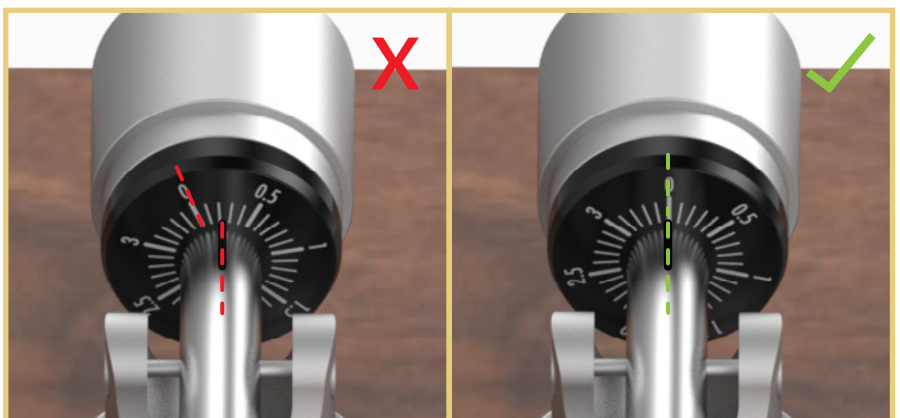
- 1 With the Counterweight in position and the Cue Lever in the down position, release the Safety Clip.



- 2 Once released, the Tonearm will now float up or down depending on the placement of the counterweight. Adjust the counterweight in small increments, rotating left or right, until the Tonearm rests in a horizontal position, as shown below.



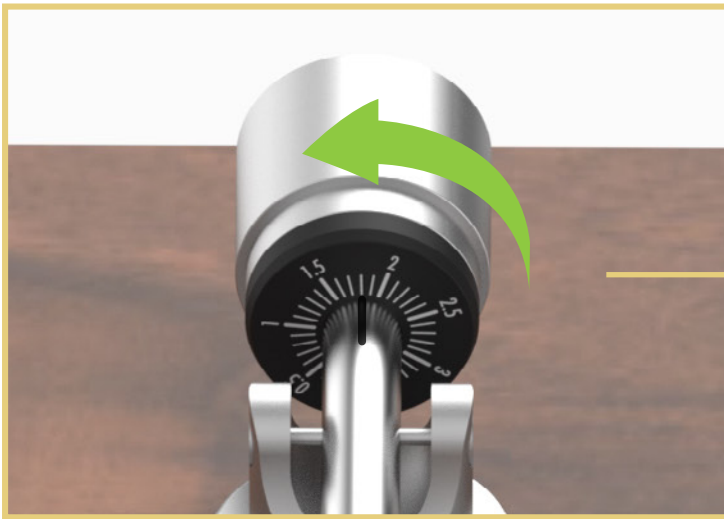
- 3 With the Tonearm balanced as described above, it is now possible to set Zero on the Counterweight. Without changing the position of the Counterweight, turn the numbered dial until zero on the dial is aligned with the pointer, as shown. The Tonearm is now "Zeroed." (Note: This setting will need to be re-set if the cartridge is changed.)



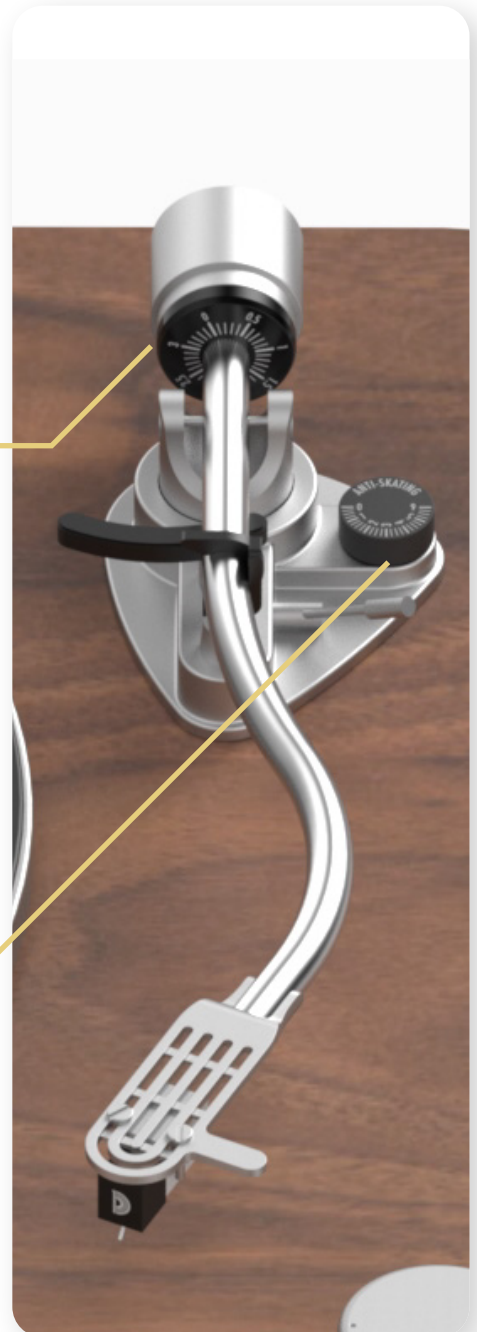
SET THE CARTRIDGE WEIGHT AND SET THE ANTI-SKATE VALUE

The cartridge supplied by Dum Audio requires a 1.8 grams Tracking Weight and a 1.8 grams Anti-Skate setting. Use these values when setting the Tracking Weight and Anti-Skate controls as described below. If you are using a cartridge from another maker, please consult the specifications supplied with that cartridge to set the correct values for your equipment.

- 1 With the Tone Arm Adjustment 'Zeroed' as described earlier, turn the Counterweight body counterclockwise until the correct value, 1.8 grams, is set (See graphic).



- 2 Because the anti-skate is pre-calibrated to the Ortofon 2M Red cartridge, you can leave it set to zero.



ENSURE THAT THE CARTRIDGE IS PROPERLY ALIGNED

See detailed instructions on the "Cartridge Alignment Protractor" page.

Note: The Dum Audio Turntable is equipped with an internal Pre-amp which allows it to be connected to the standard analog input on most amplifiers. Some Users will want or need to connect to the 'Phono' input on their particular equipment, in which case the Turntable Pre-amp should be turned off using the switch on the back panel of the Turntable.

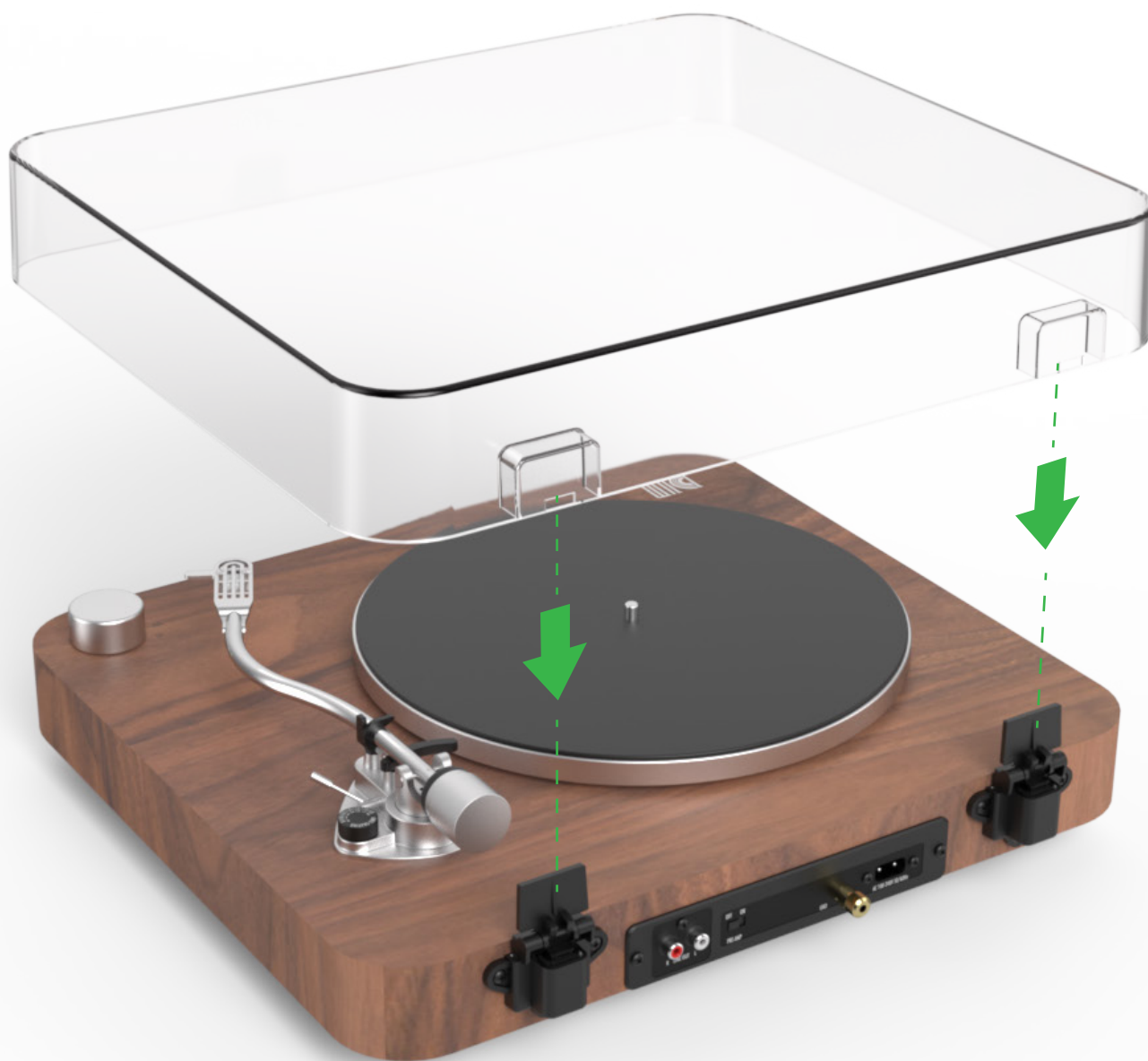
Important: Before proceeding, make sure the Speed Control is in the OFF position, that the Tonearm is locked, and that all other equipment is powered OFF.

- 1 Using the cable supplied, connect the Line Out port on the rear panel of the Turntable to the Line In port on your Amplifier.
- 2 Set the Pre-Amp to the ON position. (Note: If you are connecting to the Phono input on your equipment, set the Pre-Amp to the OFF position)
- 3 Connect one end of the grounding cable to the grounding lug at the back of the turntable and the other end to the grounding terminal at the back of your amplifier or external phono pre-amp".
- 4 Connect the Power Cable to the Turntable using the AC socket and connect to a power outlet.



Attach the dustcover as shown.

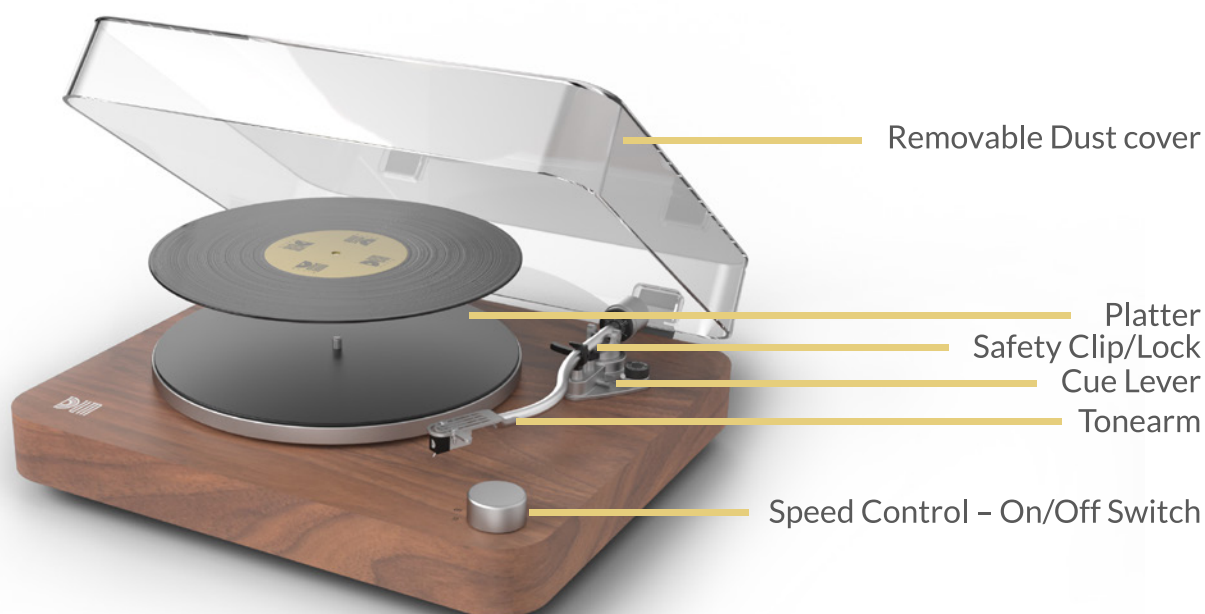
Note: It is important to keep records and the Turntable as dust free as possible. Keep the Dustcover closed whenever possible.



- 1 Gently place a record onto the **platter**. It is recommended that you clean your records regularly with a record cleaning kit or a brush/cloth.
- 2 Use the **speed control** knob to set the desired speed. Most records will play at 33 RPM, while smaller records will play at 45 RPM. Check the record sleeve if unsure.
- 3 With the **cue lever** in the "up" position, gently move the **tonearm** over the record. Once it is in position, the record will start spinning. **Note:** if the record does not start spinning, switch the **speed control** knob to zero and then back to the desired speed (necessary at times for safety reasons). The turntable will automatically switch off if not operated for more than 15 minutes.
- 4 Make sure the **stylus** is positioned directly above the outer rim of the record, and then lower the **cue lever**. If the tonearm is properly balanced, it will fall slowly and gently onto the record and start playing.
- 5 Once the record starts, gently lower the **dust cover**.

To stop the turntable in the middle of a record, raise the **dust cover** and lift the **tonearm** off the record using the **cue lever**. Move the tonearm back into the home position - this will stop the turntable.

- 6 When the record is finished, the platter will automatically stop spinning. Raise the **cue lever** and move the **tonearm** back into the home position, lower the cue lever so that the tonearm falls back into its saddle, and secure the tonearm with the safety clip.
- 7 Turn the **speed control** knob to the "off" position and lower the dustcover.



ISSUE	SOLUTION
The turntable is switched on but the platter is not spinning.	<ul style="list-style-type: none">• With the cue lever in the "up" position, move the tonearm so that it is hovering above the record. If it still does not start, turn the speed control selector to zero and then back to the desired speed.
The record is playing but no sound is coming out of the speakers.	<ul style="list-style-type: none">• Make sure the amplifier is switched on and set to the correct input (<i>ie. if the turntable is connected to "Analog 1" at the back of the amplifier, make sure amplifier's input selector is set to "Analog 1"</i>). If there is still no sound, make sure cables are connected properly.
The record is playing but the sound is very faint.	<ul style="list-style-type: none">• Make sure the turntable's pre-amp is turned on by checking the switch at the back.
The record is playing but the sound is far too loud.	<ul style="list-style-type: none">• If you are using an external pre-amp, make sure that the turntable's pre-amp is switched to the "off" position at the back of the turntable. Otherwise, adjust the volume on the amplifier.
Record is skipping or sound is overly crackly/distorted.	<ul style="list-style-type: none">• Gently clean the record with a soft brush or cloth (It's recommended that you use a record cleaning kit, such as those offered by GrooveWasher, www.groovewasher.com).• Ensure the cartridge is properly aligned. See detailed instructions on the "Cartridge Alignment Protractor" page.• Gently remove any dust/debris from stylus using the provided stylus brush.

Note: If the problem persists or you are experiencing an issue not addressed on this page, please contact support@dumaudio.com.

Dum Audio Inc. (the manufacturer) warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of one (1) year from the original invoice date. The manufacturer agrees at its option during the warranty period, to repair any defect in materials or workmanship, or to furnish a repaired or refurbished product of equal value, in exchange without charge (except for shipping handling, packing, return postage and insurance fees: which will be incurred by the customer). Such repair or replacement is subject to the verification of the defect or malfunction, and proof of purchase as confirmed by showing the model number on an original dated sales receipt. This warranty is only valid for the products purchased from a qualified distributor.

REPAIR AND MAINTENANCE

Important: This is not a User repairable product. Repairs should only be undertaken by the manufacturer or certified agents of the manufacturer. Failure to follow this restriction will violate the terms of the warranty and render it void.

Warning: Always keep this equipment away from heat or moisture. Failure to do so may result in damage to the equipment or personal injury.





REPAIRS

For all repairs contact Dum Audio.

MAINTENANCE

- Keep the equipment free from dust at all times.
- Close the dust cover whenever possible.
- Wipe occasionally with a soft dry cloth.

IMPORTANT SAFETY INSTRUCTIONS

 <p>The lightning flash with arrowhead within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous” voltage within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>	 <div>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</div>  <p>CAUTION: TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL</p>	 <p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
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CAUTION: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

WARNING: To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Important Safety Instructions

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions–The safety and operating instructions should be retained for future reference.
3. Heed all warnings–All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug the apparatus during lighting storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



15.

	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p>	
<p>AVERTISSEMENT: RISQUE DE CHOC ÉLECTRIQUE—NE PAS OUVRIR.</p>		

-This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

-Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

-The exclamation point within and equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

- 16.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

17. The mains plug is used as the disconnect device, The socket-outlet shall be installed near the equipment and shall be easily accessible.

18. WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on apparatus.

19. The use of the equipment in moderate climate.
20. The ventilation should not be impeded by covering the ventilation openings with items such as, newspapers, tablecloths, curtains, etc.
21. No naked flame sources, such as lighted candles, should be placed on the apparatus.
22. The symbol with ~ indicate AC voltage.
23. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
24. The marking information is located at the bottom of product.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation



CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

This device complies with ICES-003 of the Innovation, Science and Economic Development Canada Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

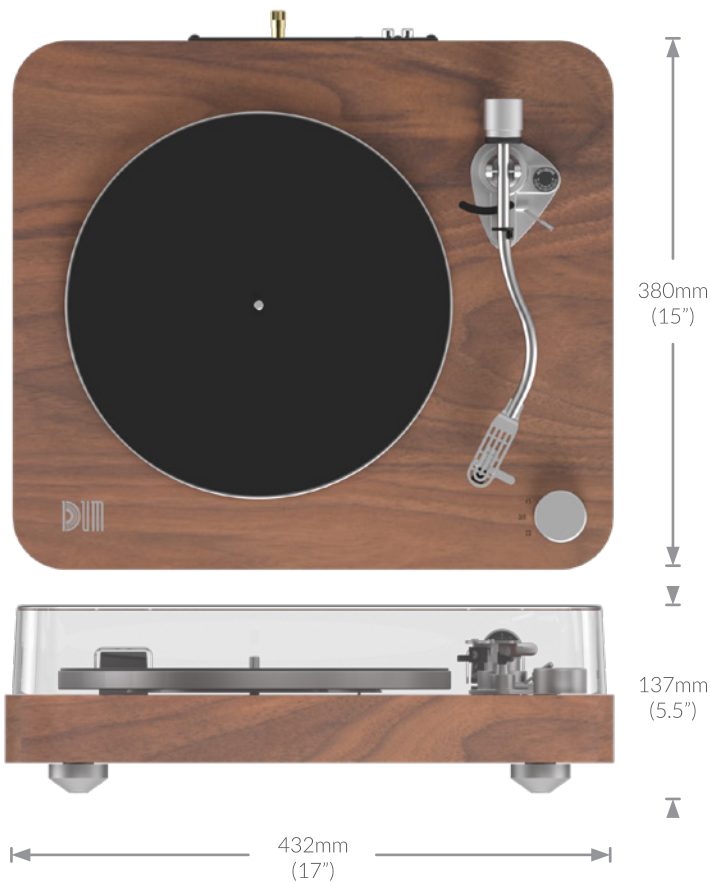
Radiation exposure statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps. Le PEN peut être utilisé avec une distance de séparation de 0 cm entre le stylo et votre corps.



Turntable Specifications

Speeds	33 1/3 rpm / 45 rpm
Wow and Flutter	0.15% / 0.05%
S/N Ratio	≥63dB
Frequency Range	(100Hz/10KHz-10dB) ±3/±6
Cartridge Type	MM
Recommended Load Impedance	47kohm
Counter Weight	77g +/- 1g
Pre-amp	MM
Power	AC 100-240V 50/60Hz
Power Consumption	≤5W
Weight	7.5kg (16.5 lbs.)

Cartridge Specifications

Cartridge	Ortofon 2M Red
Tracking Force	1.8 +/- 0.2g
Frequency Response	20-20.000 Hz +3/-1 dB
Channel Separation	22dB at 1KHz, 15dB at 15KHz
Channel Balance	1.5dB at 1KHz
Output voltage	5.5mV at 1KHz, 5cm/sec.

Wood Finishes



System



