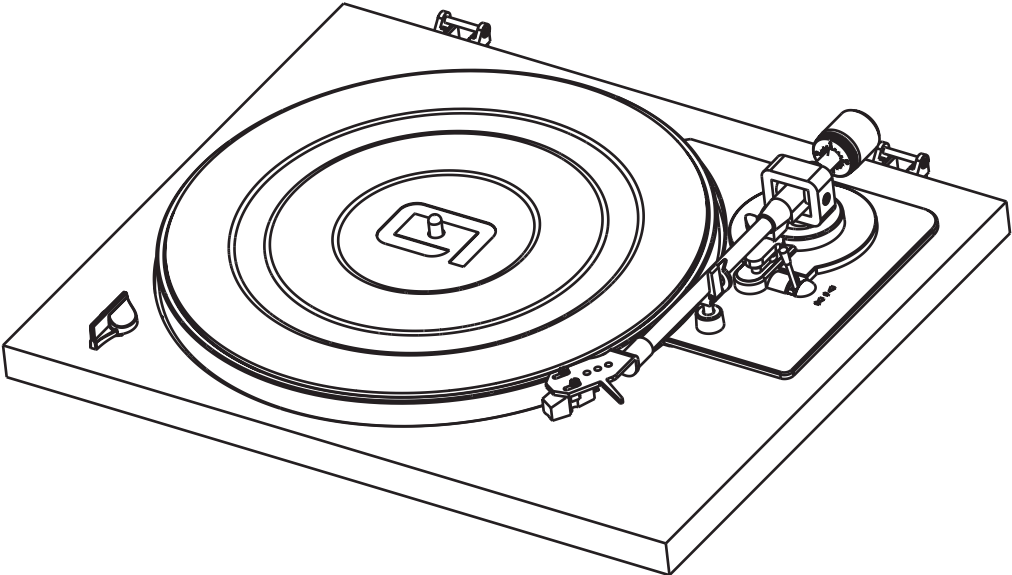


SPINDECK 2

BELT-DRIVE TURNTABLE WITH AUTO RETURN



www.andoveraudio.com

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Thanks for selecting SpinDeck 2

Your SpinDeck 2 has been painstakingly designed to treat your valuable records with great care with the added convenience of auto stop and return at the end of a record side. It achieves this while providing exceptional sound quality at a price below most turntables of comparable performance and convenience. This was accomplished by eliminating non-essential frills while maintaining precision and quality materials where it counts the most.

The selectable built-in phonostage (RIAA Preamplifier) makes SpinDeck 2 compatible with virtually every amplifier or receiver. The high quality Audio Technica magnetic cartridge tracks gently and provides great sound, and the adjustable counterweight and standard mounting dimensions allow you to substitute any cartridge of your choice if you choose to upgrade later.

We know you are anxious to get spinning, but please take a few moments to read through this booklet to get the most enjoyment from your SpinDeck 2. If you have any questions not covered here please contact Andover Audio support at www.andoveraudio.com/support or phone (+1 978.775.3670).

Getting Started

SpinDeck 2 comes with its cartridge pre-mounted and aligned. To setup your SpinDeck 2, you only have to remove the packing materials, install the belt and counterweight, set tracking force, and you're ready to play.

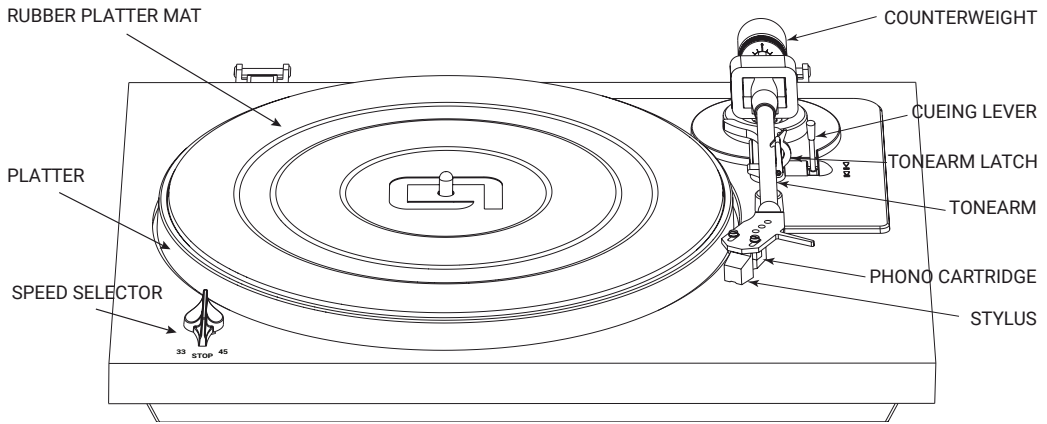
Check for Damage

Your turntable was shipped partially disassembled in order to avoid damage to sensitive parts. Please check to make sure that neither the packaging nor the device was damaged in transit. If you are missing parts, or if the unit is damaged, please do not operate it and contact either your dealer or www.andoveraudio.com/support.

Save your Packing Materials

If your unit requires service that requires return shipment, it must be properly packed to prevent damage. Unlike purely electronic components, turntables are sensitive to mechanical shock. So please note exactly how your unit was packaged at the factory, and repack it as it came. Contact Andover Audio support if you have any questions.

Basic Features and Controls



Speed Selector - Choose the playing speed or switch to STOP to pause rotation. When the arm is at rest, the power will be turned off, so this switch may be left in your preferred speed when not being used.

Cueing Lever - Use this lever to gently raise and lower the tonearm to the record surface without risk of dropping the tonearm.

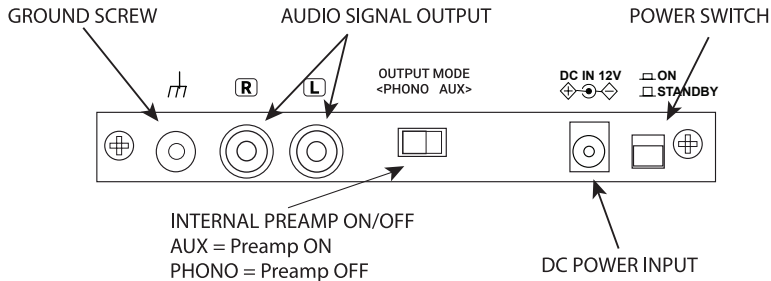
Tonearm Latch - Be sure to move this to the side before use. We recommend latching the tonearm in position when not playing to prevent accidental damage if the player is bumped.

Counterweight - Used to balance the arm and set tracking force. Once set this will not need to be readjusted unless you change Phono Cartridges.

Stylus - Be careful not to bend or damage your stylus with rough handling. Physical damage cause by external force is not covered by warranty.

Rubber Platter Mat - The silicone rubber mat provides a soft surface for your records while also damping unwanted resonances. Do not place records directly on the surface of the aluminum platter.

Connect SpinDeck 2 to your Amplifier



SpinDeck 2 may be connected to any amplifier with a Phono or Line-level input.

- If your amplifier has its own Phono input, switch the OUTPUT MODE to the AUX position. This will pass the cartridge signal directly to the output jacks.
- If your amplifier does not have its own built-in Phonostage, i.e. no Phono input, switch the OUTPUT MODE to PHONO, and connect SpinDeck 2 to any Line-level input such as Aux, CD, Tuner, or Tape.

SpinDeck 2 has conventional phono-jack outputs on the rear panel which will accept any standard "RCA-type" phono-plug equipped cable.

The jack with the red insert should be attached to the RIGHT channel, and the plug with the white insert is the LEFT channel.

A wire from the Ground Screw on SpinDeck 2 should be attached to the similar ground screw on Spinbase or other compatible amplifier. If your amplifier does not have a ground screw, slip it under one of the screws which holds the amplifier chassis together and tighten it securely. Leaving this wire unattached may result in excessive hum.

To Set-up your SpinDeck 2

Adjust the Tonearm Tracking Force

The most important setup step is to balance the tonearm and set tracking force. We recommend doing this first so that there are fewer components, such as the platter, in the way to interfere. This is a simple process but must be done carefully to assure optimum tracking. Setting the force too heavy or too light can cause damage to the record grooves that will cause quality degradation over time.

1. Thread the counterweight onto the stub at the rear of the tonearm with the numbers facing forward so you can read them.
2. Remove the tie wrap and any packaging from the tonearm and release the tonearm latch.
3. Raise the Cueing Lever
4. Remove the Stylus cover by sliding it straight forward.
5. Gently move the tonearm towards the center until it is approximately over where the record will be. Lower the Cueing lever while supporting the tonearm with your left hand.
6. Adjust the counterweight until the tonearm floats level without moving either up or down when you remove your left hand from supporting it. This is the "zero" force reference point.
7. Return the arm to the armrest and latch it in position.
8. Hold the counterweight in position so it doesn't move, turn the plastic number scale on the front of the counterweight until it reads "0" at the top.
9. Rotate the entire counterweight and ring assembly together, counterclockwise to the desired tracking force. For the supplied cartridge, the recommended tracking force is 2.5 grams. One full turn adds 2 grams. To set 2.5 grams, turn the counterweight one full turn through 0 and then continue to 0.5.

The tracking force with the supplied cartridge may be set as high as 3.5 grams. Increasing the tracking force slightly, up to the maximum of 3.5 grams may be helpful if you are playing records in poor condition, or if your room has an unstable floor that transmits vibration to the turntable.

To Set-up your SpinDeck 2 - cont.

Install the Platter and Drive Belt

1. After removing the platter from its packaging, note that the drive belt is pre-installed around the inner section of the platter, with a small ribbon to make it easy to grasp.
2. Gently lower the platter onto the center spindle. Rotate the platter until you can see the motor pulley and the section of the belt with the ribbon.
3. Reaching through one of the access holes in the platter, use the ribbon to grasp the belt, stretch the belt over the motor pulley and remove the ribbon.
4. Place the rubber mat on the platter, taking care to place the patterned side up.

Fit the Dust Cover

Fit the two hinges to the dust cover by slipping them onto the cover at the two notches.

The hinges should face towards the outside of the cover.

Align the hinge/lid assembly to the receptacles at the rear of the plinth and slide the hinges into place.

Connect to Power

The turntable is supplied with a power adapter. Plug the power adapter into the DC power jack at the rear of SpinDeck 2 first, then plug the adapter into your AC power.

Press the power switch on the rear panel to energize the internal circuitry. It is unnecessary to switch the power off under normal use, as the power will be turned off when the tonearm is at rest.

Basic Operation

1. Select the desired speed using the speed switch at the front left.
2. Using the Cueing Lever, raise the tonearm and locate it over the desired starting point. The platter will begin to spin when the arm is moved over the record.
3. When the record ends, the arm will lift and return to rest.
4. To stop or pause the record before it ends, use the cueing lever to safely lift the arm from the record surface.

Useful Tips

SpinDeck 2 should be positioned on a low-resonance surface such as wood or multiple layer ply board to avoid structural vibrations disturbing replay. The Andover SpinSystem components have been specially designed to provide a stable, solid support that perfectly compliments SpinDeck 2.

Turntables and vinyl records require a gentle touch to maximize performance and longevity. Following these guidelines will result in years of noise-free, reliable performance.

- Do not handle records by the grooved areas. Grasp them by the edges, or by balancing the label on your thumb and steadying it with your forefinger at the edge of the record. Fingerprint oils attract dust which increases wear and adds noise.
- Invest in a good record cleaning brush and use it prior to each play.
- Invest in a quality residue-free record cleaning system. Use it after every few plays or as needed.
- Always place your records back in their protective sleeves immediately after each use. Never leave them laying around unprotected.
- Always store your records vertically, and away from heat and sunlight.
- Whenever possible, use the arm lift (a.k.a. cueing lever) to gently raise and lower the stylus to the record surface.
- Clean the stylus regularly using a soft brush, or by blowing on it. Always brush from back to front. NEVER brush from side to side or front to back or the stylus will be damaged.
- Never play a record with a bent, misaligned, or damaged stylus as this can permanently damage your record.
- Always use the tracking force within the range recommended by the stylus manufacturer. Setting the force too light can be as harmful to your valuable vinyl LP's as setting it too heavy.

In Case of Difficulty

Your SpinDeck 2 is manufactured to the highest standards and underwent strict quality inspection before leaving the factory. Despite this, you may encounter difficulty due to improper installation, connection, or shipping damage. The following are a few examples, and their most likely causes.

The platter doesn't turn although the unit is powered on:

- The unit is not properly connected to the main power supply.
- There is no power at the wall outlet.
- The rear panel main power switch is off.
- The Drive belt is not fitted or has slipped off the motor pulley or platter.

No signal through one or both channels:

- No signal contact from the cartridge to the internal tonearm wiring. Check that the four small wires attached to the rear of the cartridge are attached and no wires are faulty.
- Faulty contact between the Tonearm and the Phono input on your SpinBase or amplifier. Make certain both plugs are firmly and fully inserted at both ends.
- The unit is not connected to a phono input designed for a magnetic cartridge and the PHONO EQ switch is set to THRU. Change the setting to ON if SpinDeck 2 is connected to an input not labeled Phono.
- Amplifier is not switched on, or an incorrect input selected. If using a vintage amplifier, make sure the "Tape Monitor" switch is not engaged.

Excessively loud and distorted signal:

- The unit is connected to a phono input designed for a magnetic cartridge and the PHONO EQ switch is set to ON. Change the setting to THRU if SpinDeck 2 is connected to an input labeled Phono.

Stong hum on phono input:

- No ground connection to amplifier. (Note that due to the high gain required of phono circuits, it is normal to have a slightly higher noise level than typical auxiliary line-level sources such as CD players, DACs, or radio tuners.)

Distorted or inconsistent sound from one or both channels:

- The tracking force may be insufficient.
- The stylus or cantilever may be damaged.
- There may be too much dust on the stylus.
- The stylus may not be fully seated in the cartridge body.

Customize your Vinyl Experience

Vinyl LP playback technology offers the ability to customize your experience. LP aficionados enjoy experimenting to see how various changes affect the sound. Numerous accessories are available to allow you to tune the sound to your taste. Here are a few examples that may be available on www.andoveraudio.com, or from your dealer:

Platter Mats: Changing the platter mat to a different material can alter the sound in ways you may like. The stock silicone rubber mat provides good balanced performance, but some users prefer a leather or cork mat, claiming that they alter the sound in positive ways and reduce static build-up. There are many other choices including felt, vinyl, acrylic, or other materials that you may wish to try. The Andover Puregrain Cork mat provides great resonance damping along with antistatic properties that make it a worthwhile upgrade.

Damping weight: The use of a record damping weight will help stabilize the disc and reduce undesired vibrations. The Andover Spinweight is designed to provide proper damping, without being too heavy, so it will not cause excessive bearing wear.

Stylus upgrades: The Audio Technica cartridge that comes with your SpinDeck 2 may be upgraded by simply replacing the stylus. The ATN91 stylus provides reduced tracking force and a more dynamic sound and is worthwhile to consider as an upgrade when it becomes time to change your stylus. Always use a genuine Audio Technica replacement stylus to guarantee optimum performance.

Cartridge Upgrades: SpinDeck 2 uses industry standard 1/2" cartridge mounting, allowing freedom to choose from among dozens of cartridges. For reliable tracking with minimal wear, we recommend cartridges that will track between 2.0 and 3.0 grams.

Maintenance and Cleaning

SpinDeck 2 requires little or no regular maintenance. Remove dust with a slightly moistened antistatic cloth. Never use a dry cloth because this will create static electricity which will attract more dust! Antistatic cleaning fluids are available at specialist stores but must be applied sparingly to avoid damage to rubber parts. To avoid damage it is recommended to fit the stylus cover and latch the tonearm into its rest before cleaning or maintenance is carried out.

60-Day Satisfaction Guarantee for Orders placed on Andoveraudio.com

We are so convinced that you will love your new Andover product that if you are dissatisfied in any way, you may return your unit (purchased through www.andoveraudio.com) within 60-days from the time you receive your order for a full refund, minus the cost of any damaged, missing or abused components.

Products purchased through an authorized reseller are governed by the policies of that reseller. Contact your reseller for their instructions.

To initiate a return for a unit purchased on our website, please contact us at www.andover.com/support with the following information:

1. Your order number and product serial number (if applicable).
2. Your reason for returning the item: For example, repair or refund.
3. You will be issued a Return Authorization and a pre-printed shipping label, which must be used to ensure accurate transaction tracking.
4. You are responsible for any missing parts or accessories. Damage due to accident or abuse, or products not returned in their complete original packaging will be subject to restocking and/or replacement fees. Returned items are the customer's responsibility until they reach the return address. A refund will be issued once we receive and have inspected the returned items (normally within 3 business days). Refunds do not include any shipping costs.

Two-Year Limited Warranty

Andover Audio warrants SpinDeck 2 against manufacturing defects and workmanship to the initial purchaser for a period of two (2) years from the date of delivery to customer. Andover Audio will repair or replace the unit as necessary to restore proper operation. This warranty covers both parts and labor for the warranty period. The warranty excludes physical damage caused by accident or abuse outside of our control. Or if the unit is damaged due to incorrect return packing. **The warranty also excludes normal wear items such as the stylus and belt.** If you think you need warranty service, please contact us to obtain an RMA (Return Merchandise Authorization) by contacting www.andoveraudio.com/support or calling 978.775.3670. For more information on returns and exchanges, please visit www.andoveraudio.com/pages/returns-and-exchanges.

Service

Should you encounter a problem that you are unable to solve, please contact customer service at www.andoveraudio.com/support, or the dealer that sold you your SpinDeck 2. If you must return your SpinDeck 2 for any reason, it must be safely packed and shipped in its original carton and packing material. Damage that is the result of improper packaging is not covered by the warranty. Please contact Andover Audio if you need replacement packaging.

Technical Specifications

SpinDeck 2

Nominal speeds	33/45 r.p.m. +/-2%
Wow and flutter	33: <0.20% 45: <0.20%
Signal to noise	>67dB A-Weighted
Effective tonearm length	8.5" (214,5mm)
Overhang	22mm
Power consumption	1.5W
Power adapter	Universal 100 - 240VAC / 50-60Hz
Dimensions (W x H x D)	420 x 119 x 340mm (WxHxD)
Weight	10 lbs. / 4.5kg

Audio Technica AT3600 phono cartridge

Frequency range	20-20.000Hz
Channel separation	24dB/1kHz
Channel Balance	<1.5dB
Output voltage	4.2mV @ 1kHz, 5cm/sec
Recommended load impedance	47kohms/200-300pF – MM-input
Stylus type	.0006" Conical bonded diamond
Recommended tracking force	2.5 - 3.5 grams
Weight	5.7g
Replacement Stylus	ATN3600L Stylus

Note: Andover Audio subscribes to a program of continuous improvement. As a result, specifications may change from time to time without prior notice.

Important Packing Instructions:

More than any other audio component, turntables are subject to significant shipping damage if improperly packaged. Andover Audio is not responsible for shipping damage caused by improper return packing. There is a video in the support section of our website demonstrating the proper way to repackage your SpinDeck 2. In the event that you must ship your SpinDeck 2 for service or return, please heed these packing "must do's":

1. Use original packing materials when possible. Contact Andover Audio if you need to purchase replacement packaging.
2. Be sure to remove the platter and counterweight. These will come adrift in shipping and will cause significant damage. Place the platter beneath the turntable, not on the spindle. Securely tape the counterweight in the styrofoam endcaps.
3. Reattach the stylus guard and securely attach the arm to its rest using the tonearm latch reinforced with tape or a tie-wrap.

If you are returning the unit for repair, rather than replacement, it is safest if you keep all accessory parts such as the platter, counterweight, dust cover, power adapter, etc. in a safe place, and return just the main chassis for repair.

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