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Manual: Argon Audio TT-3

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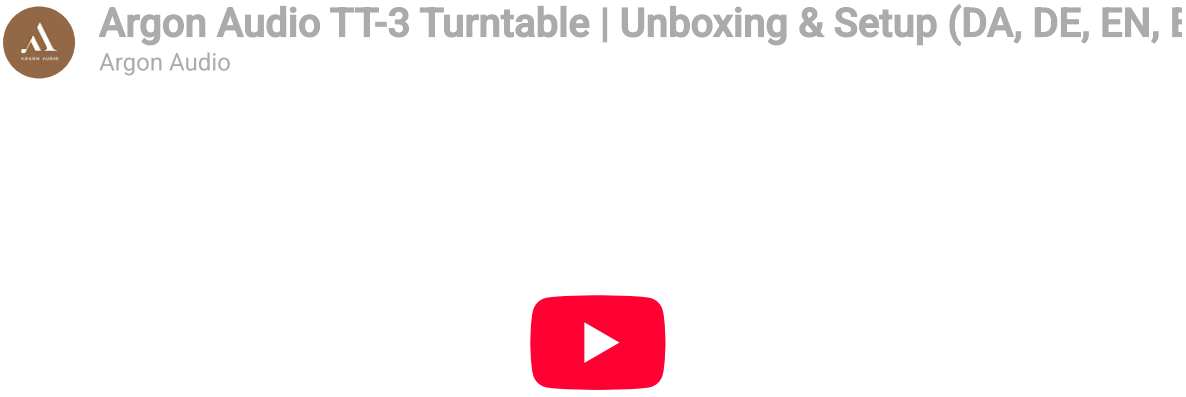
Here's a short unboxing & setup video



1. Included Items

NOTE: Before setting up the TT-3 Turntable, please check thoroughly and make sure you find the following items that are included in the box:

- Turntable.
- Turntable Lid.
- Adaptor with EU plug.
- Counterweight.
- Platter with Drive Belt.
- 45 RPM Adapter.
- Turntable Mat.
- Quick Guide.
- Drive Belt Hook.
- Headshell: Ortofon 2M Red pickup pre-mounted.
- RCA-to-RCA cable.

We recommend that you keep the original box and packing material for future transportation.

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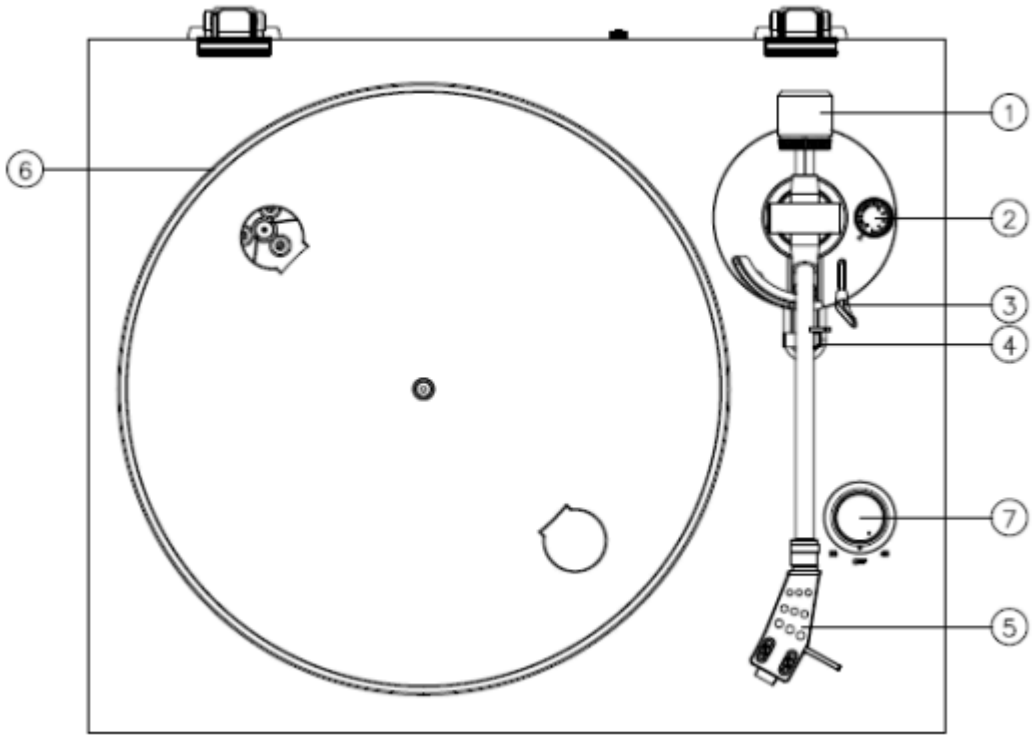
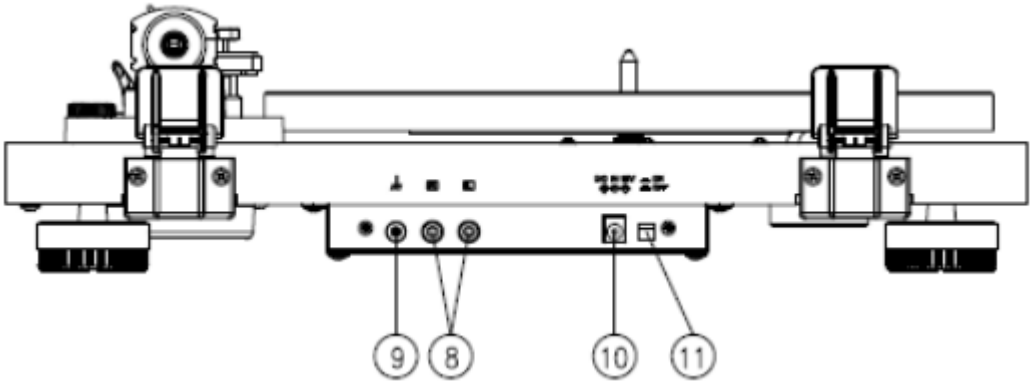
2. Components, Features and Connections



1. **Counterweight**
   The counterweight is used to precisely adjust the stylus pressure on the vinyl record, ensuring the tonearm is properly balanced
2. **Anti-Skating Control**
   Use this to set the anti-skating function of the tonearm.
3. **Tonearm Lever**
   Use this lever to lower or raise the tonearm.
4. **Tonearm Lock (arm rest)**
   Use this to lock the tonearm in place when not in use.
5. **Headshell**
   This holds the stylus (“needle”) in place and provides protection by means of its removable stylus protection cap (not shown).
6. **Platter**
   Put the slip mat onto this platter before placing record disc.
7. **33/45 RPM Switch (33/Off/45)**
   Select 33 or 45 rpm for playing a vinyl record, switch to “OFF” to stop the platter from spinning.



8. **Signal Connectors**
   Plug in the RCA cable, and connect the cable to audio amplifier/sound system.
9. **Ground Terminal**
   Connect a ground wire.
10. **Power Supply Jack**
    Plug-in DV12/0.5A switching adaptor for power supply.
11. **Power Switch**

3. Turntable Platter and Belt Setup

1. Install the drive belt over the inner ring under the platter and make sure it won't fall off during the setup.
2. Place the platter through the turntable spindle, then rotate the platter until you see the drive motor pulley through the window at the top left corner.
3. Carefully grab the drive belt and put it around the slot of the motor pulley.
4. Connect the power adapter to the turntable and power on the turntable. Set the speed to either 33 or 45. If the platter does not spin, try the steps listed above again.
5. Remember to place the slip mat on the platter before playing any records.

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4. Cartridge Downforce Adjustment

1. Gently push and turn the Counterweight onto the rear of the tonearm (with the scale facing toward the front of the turntable).
2. Remove the cartridge protection cap.
3. Lower the tonearm lift and position the cartridge in the space between tonearm rest and platter.
4. Carefully rotate the Counterweight until the tonearm balances out. The tonearm should return to the balanced position if it is moved up or down. This adjustment must be done carefully.
5. Once the tonearm is correctly balanced return it to its arm rest. Hold the Counterweight without moving it, and gently rotate the Downforce Scale ring (the part with numbers on it) to **0**. Check whether the arm still balances out.
6. Rotate the counterweight counterclockwise (seen from the front) to adjust the downforce according to the cartridge manufacturer's recommendations.

NOTE: The recommended downforce for the factory-fitted cartridge is **1.75 g**

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5. Anti-Skating Adjustment

Adjust the **Anti-Skating Control** to match the downforce value (1.75g). This initial setting serves as a good starting point for further adjustments.

Determining the appropriate level of anti-skating is relatively simple. As you lower the cartridge into the groove, carefully observe the cartridge and cantilever from the front. They should descend straight down into the groove without being pulled to either side. If you notice any deviation, it's likely that the anti-skating is set incorrectly.

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6. Power Supply

An external switching power adapter (DC12V 0.5A) is supplied with this turntable. Connect the turntable to a mains voltage of 110V/60Hz or 230V/50Hz.

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7. Amplifier Connection

There is an **RCA Output** on the rear panel of the turntable. Connect the **RCA Cable** to this output, and then to the **PHONO INPUT** of your amplifier/sound system.
Red Plug into **R**ight channel input, **White Plug** into **L**eft channel input. If your amplifier does not have an input suitable for phono cartridges, you will require a separate phono amplifier stage for MM **or** MC cartridges such as the **Argon Audio PHONO1**, which can then be connected between the record player and a free line level (analog) input of the amplifier/sound system.
The ground wire of the tonearm lead should be connected to the earth terminal on your amplifier/RIAA/sound system.

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8. Playing a Record

1. Place the record on the turntable. If it is a 45 rpm, you need to place the adapter on the record spindle.
2. Switch on the power.
3. Pull up the arm lifter, and then release the arm lock clip.
4. Place the cartridge vertically over the first track of the record.
5. Rotate the RPM knob to match the speed of the record, causing the platter to start turning.
6. Lower the arm lifter. The stylus will touch the record and start playing music.
7. When the record is done, lift the tone arm, lead it back to the armrest, and lock it.
8. To pause the playing, lift the tone arm by pulling up the arm lifter, and then turn the speed knob to **OFF**.

9. Replacing the Cartridge

NOTE: If you are unfamiliar or uncomfortable with completing this procedure, we recommend consulting with a professional/your point of purchase to perform the installation.

1. Unscrew the headshell from the tonearm.
2. Unscrew the cartridge from the headshell, and disconnect the 4 wires to take off the cartridge as below:
    i. **White Wire:** Left Channel, Positive Pole
    ii. **Blue Wire:** Left Channel, Negative Pole
    iii. **Red Wire:** Right Channel, Positive Pole
    iv. **Green Wire:** Left Channel, Negative Pole
3. Tightly screw the new cartridge to the headshell, and connect the wires correctly using the information above.
4. Remember to adjust the counter weight stylus pressure and anti-skate value according to the new cartridge specifications.

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