Manual: Vestlyd PRO T2

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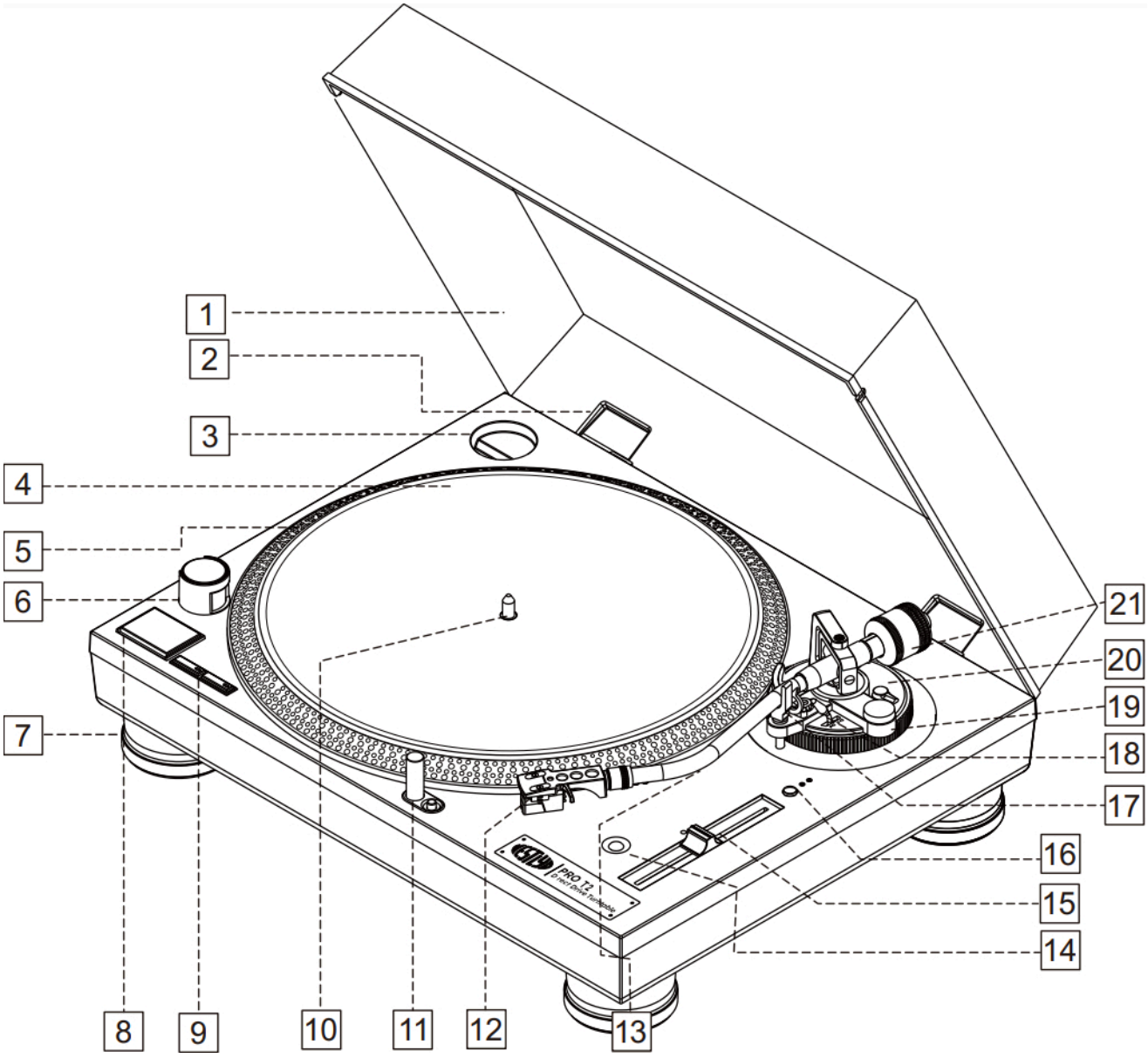
1. Included Items

NOTE: Before setting up the PRO T2 Turntable, please check thoroughly and make sure you find the following items that are included in the box:

- Quick Start Guide
- Turntable
- Turntable Lid
- 2 x Lid Hinges
- Platter
- Felt Slitmat (For DJ Use)
- Rubber Slitmat (For HiFi use)
- Counterweight
- Single Adapter
- Headshell with Ortofon VNL pre-mounted
- Pair of Audio Cables (RCA)
- Ground Wire

- Power Cord

2. Components, Features and Connections



1. **Dust cover**
   Detachable dust cover for protection

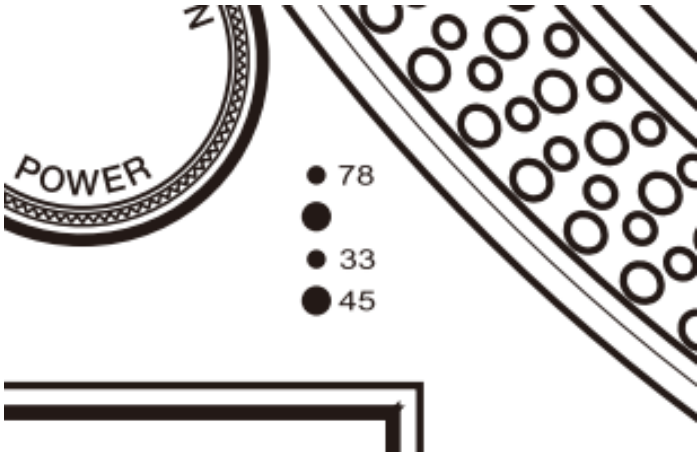
2. **Hinge**
   Hinges that allow the dust cover to open and close while remaining attached.

3. **Single Adapter**
   Location for the included Single Adapter.

4. **Platter and Slipmat**
   The platter is made of aluminum with rubber damping and has a slipmat on top.

   Two different slipmats are included. One is made of felt and is suited for DJ use. The other is made of rubber and is better suited for HiFi use.

5. **Stroboscopic Dots**
   The stroboscopic dots along the edge of the platter represent different speed settings: 33, 45, and 78 RPM. Once a speed is selected, the corresponding dot should appear stationary if the turntable is running at the correct speed.



6. **Power Switch & Strobe Light**
   Use the power switch to turn the turntable on or off.

   When the turntable is turned on, the red strobe light also activates. The strobe light helps monitor the platter's speed.

7. **Height Adjustable Feet**
   To level the turntable, adjust the height of the feet by simply turning them.

8. **Start/Stop**
   Toggle the start or stop function of the direct drive motor.

9. **33/45/78 RPM selector**
   Select the playback speed to 33, 45, or 78 RPM.

10. **Center Spindle**
    The center spindle holds the record securely in place.

11. **Stylus Light (LED)**
    Press the button to the right of the stylus light to push it up and turn on the light.
    Press on top of the stylus light to push it back down and turn off the light.

12. **Headshell**
    The headshell securely holds the stylus ("needle") in place. The Ortofon VNL cartridge comes pre-mounted on the headshell.

13. **Tonearm**
    Complete tonearm assembly.

14. **Quartz**
    Pressing the Quartz button locks the selected speed (33, 45, or 78 RPM), bypassing the pitch

adjustment fader.

15. **Pitch Adjustment (Pitch Adj.)**
    Use the fader to adjust the speed of the platter within ±8%, ±16%, or ±50%.

16. **Tempo Range**
    Change the pitch adjustment/speed range to ±8%, ±16%, or ±50%.

17. **Tonearm Lock (armrest)**
    Use this to lock the tonearm in place when not in use.

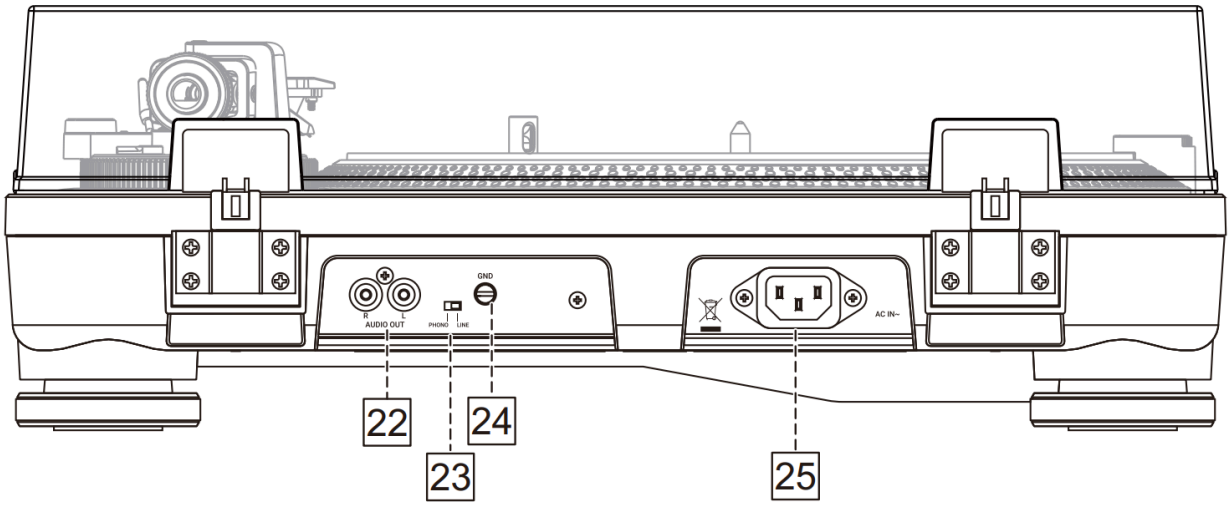
18. **Tonearm Lever**
    Use this lever to lower or raise the tonearm.

19. **Anti-Skating Control**
    Use this to set the anti-skating function of the tonearm.

20. **Tonearm VTA Adjustment and Lock.**
    The ring with a grooved surface at the bottom of the tonearm can be turned to adjust the VTA (Vertical Tracking Angle) of the tonearm.

    At the top of the tonearm base, there is a lock to secure the VTA adjustment in place.

21. **Counterweight**
    The counterweight is used to precisely adjust the stylus pressure (tracking force) on the vinyl record, ensuring the tonearm is properly balanced.



22. **Signal Connectors**
    Plug in the RCA cable and connect the cable to the audio amplifier/system

23. **Phono ON/OFF**
    If used with an external Phono stage/RIAA, set this to off.

24. **Ground Terminal**
    Connect a ground wire. (If used with an external RIAA/Phono Stage)

25. **Power Plug**
    Insert the power cable and connect it to an electric outlet
    Power cord connected to a socket outlet with an earthing connection.

3. Turntable Platter and Slipmat

1. Install the platter onto the direct drive motor.
2. Place the Slipmat on the Platter
   The rubber slipmat is better at absorbing vibrations, making it ideal for Hi-Fi use.
   The felt slipmat is more slippery, making it better suited for DJ use.

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 the tonearm rest and the platter.
4. Carefully rotate the Counterweight until the tonearm balances out/floats freely. 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 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. Turn the counterweight counterclockwise (seen from the front) to adjust the tracking force.
   The Ortofon VNL cartridge supports 3-5 g.

NOTE: The recommended tracking force at **4 g.**

5. Anti-Skating Adjustment

Adjust the **Anti-Skating Control** to match the downforce value (4 g). This initial setting serves as a good starting point for further adjustments.

6. Mains Connection

The PRO T2 Turntable has an integrated power supply (PSU).
Connect the turntable to a mains power outlet using the appropriate supplied power cord.

7. Amplifier Connection

External Phono Stage/RIAA
Locate the **RCA outputs** on the rear panel of the turntable. Connect the **RCA cable** to this output and your (amplifier's) **PHONO INPUT.**
Red plug into **R**ight channel input, **White** plug into **L**eft channel input. remember to connect the ground cable between the turntable and the external phono stage, and make sure **Phono/Line** is set to **Phono** on the back of the turntable.

Internal Phono Stage
If your amplifier doesn't have a Phono Input, make sure **Phono/Line** is set to **Line** on the back of the turntable. In this case, you will need to use an **ANALOGUE INPUT** on the amplifier

> **NOTE:** The PRO T2 features a high-grade phono stage that pairs excellently with the pre-installed Ortofon VNL cartridge.
> In many setups, utilizing the internal phono stage provides optimal performance.

8. Playing a Record

1. Place the record on the turntable and select the appropriate RPM setting (33, 45, or 78) as specified on the record.
   If you're playing a 45 RPM single, you may need to use the single adapter on the spindle, as most singles have a larger center hole.
2. Turn on the power switch located on the left hand side.
3. Pull up the arm lifter, and then release the arm lock clip.
4. Place the cartridge over the first track of the record.
5. Press the Start/Stop button to start the platter spinning.
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 by pulling up the arm lifter, lead the tonearm back to the armrest, and lock it.
8. To pause the record, lift the tonearm using the arm lifter, then press the Start/Stop button to stop the platter from spinning.

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:

   White Wire: Left Channel, Positive Pole
   Blue Wire: Left Channel, Negative Pole
   Red Wire: Right Channel, Positive Pole
   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. Make sure the new cartridge is properly aligned using a "Cartridge Alignment Protractor."
5. Remember to adjust the counterweight stylus pressure and anti-skate value according to the new cartridge specifications.

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10. VTA Adjustment

The ring with a grooved surface at the bottom of the tonearm can be turned to adjust the VTA (Vertical Tracking Angle) of the tonearm.
At the top of the tonearm base, there is a lock to secure the VTA adjustment in place.

Turning it counterclockwise will raise the tonearm. (op to 6mm)
Turning it clockwise will lower the tonearm.

At the top of the tonearm base, there is a lock to secure the VTA adjustment in place.

> **Note:** It is not necessary to adjust the VTA with the stock cartridge attached. However, adjustment may be required if you change the cartridge.

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11. Tips & Tricks

We aim to ensure you experience the full potential of your turntable. Therefore, we've put together an article containing valuable Tips & Tricks to help you achieve optimal performance with your turntable.

Article: **Tips & Tricks: TURNTABLES**

12. Specifications

Drive Method	Direct Drive
Motor	8pole, 3phase, brushless DC motor
Speed	33, 45 and 78 RPM
Rotation Speed Variation	<0.33%
Wow and Flutter	<0.15%
Platter	332mm, Aluminum With rubber damping
Platter Weight	950 g
Output Level	RIAA on: 380 mV RIAA off: 6 mV
Signal-to-Noise Ratio	60 dB or higher (A-weighted, 20 kHz, LPF)
Tonearm	Static balanced S-shaped tonearm with detachable headshell
Effective Arm Length	230 mm

Effective Tonearm Mass	21.8 g
Overhang	15 mm
Acceptable Cartridge Weight	3.5~8.5g (excluding headshell) 13.4~18.4g (including headshell)
Cartridge Type	MM type
Output Voltage	6 mV (at 1 kHz, 5 cm/sec)
Stylus Pressure	3.5 - 4.5g (Ortofon VNL)
Cartridge Weight	6.5 g
Headshell Weight	9.9 g (including screws, nuts, and wires)
Output Terminal	RCA: RIAA on/off
Power Consumption	3 W
Dimensions (W×H×D)	450 mm x 156 mm x 367.5 mm
Weight	7.8kg

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