



Reed 2G

tonearm

User manual

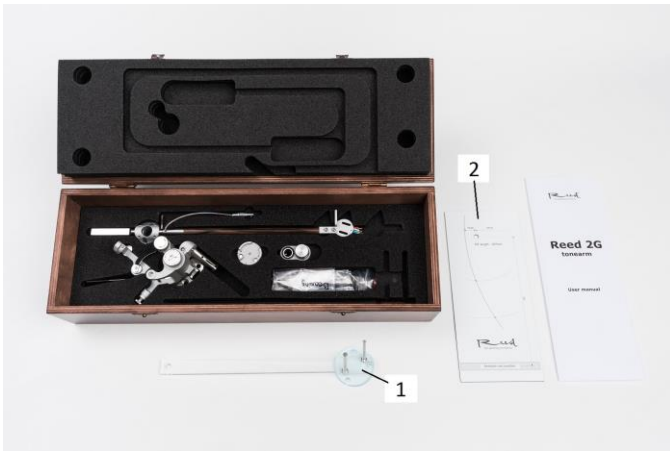


Figure 1

1. Tonearm assembly

- a) Unpack box contents (Figure 1)
Please read the User Manual before starting to assemble tonearm. Not following assembly instructions may permanently damage the tonearm.



Figure 2

- b) Take out the tonearm base, an arm tube and a frame (Figure 2)
 c) Insert frame [1] into an arm tube [2] (Figure 2) in a way that handle of azimuth adjuster [3] and antiskating magnets [4] would be on a same side.

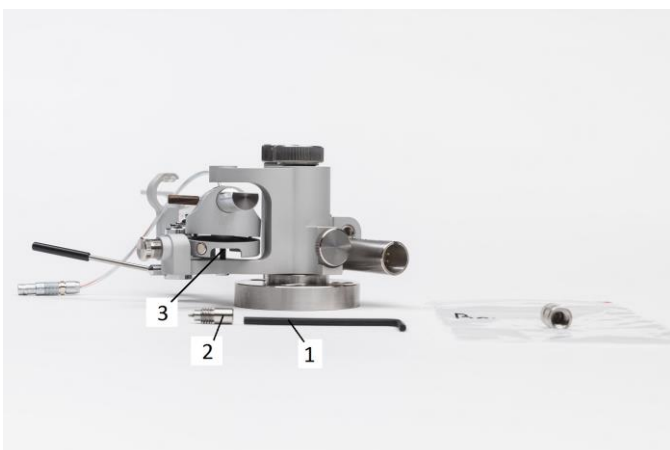


Figure 3

- d) Take the hex (allen) key [1] and a top bearing of vertical axis [2]. Top bearing [2] must be screwed out of bearing protection.
 e) Set an arm tube [3] (Figure 3).

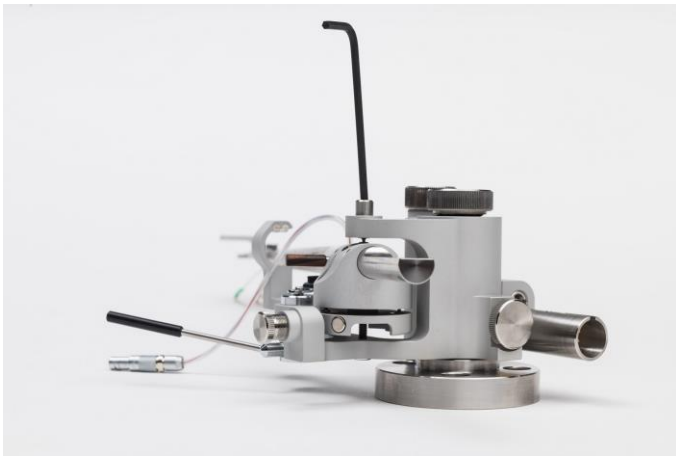


Figure 4

- f) Screw in a top bearing of vertical axis. **Needle of the bearing must be embed in sapphire V cup.** Bearing should be screwed in tight, however do not apply excessive force (Figure 4).

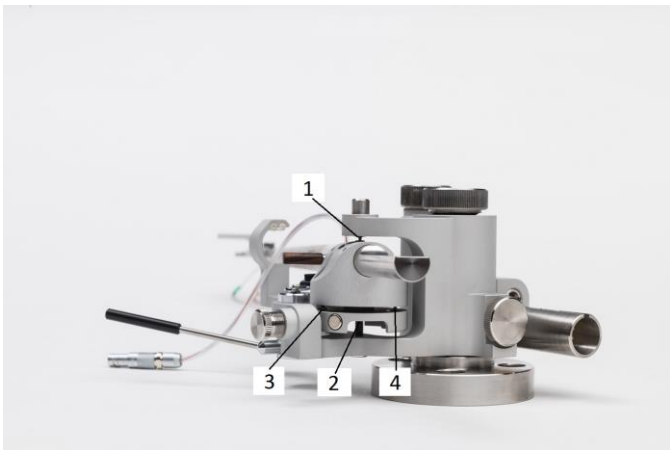


Figure 5

- g) Check if vertical and horizontal axis bearings [1], [2] and [3], [4] are in correct positions (Figure 5).



Figure 6

- h) Plug armtube cable [1] to tonearm base connector [2] (Figure 6).*

* made to order.

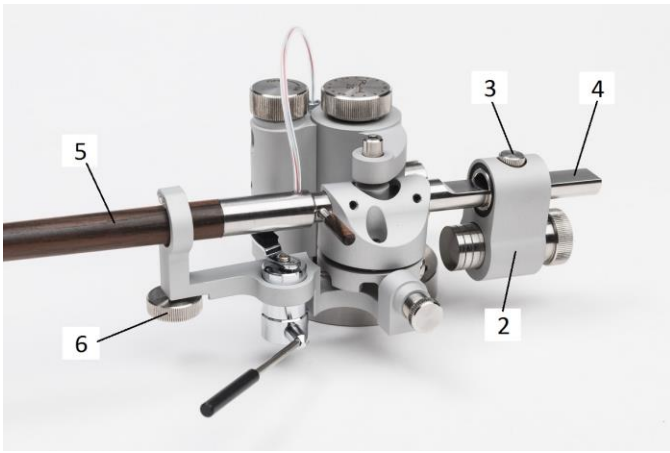


Figure 7

2. Tonearm mounting

- a) Attach a cartridge of your choice to headshell.

Be careful while connecting or disconnecting wire connectors to the cartridge, because tonearm wiring is very fragile. For connecting and disconnecting wires, use tweezers. Always pull the wire by its connector and **never** pull by wire itself.

- b) Put counterweight frame [2] onto the holder [4] and fasten it with the screw [3], as shown in Figure 7.
 c) Fasten armtube [5] using fastening screw [6] (Figure 7).

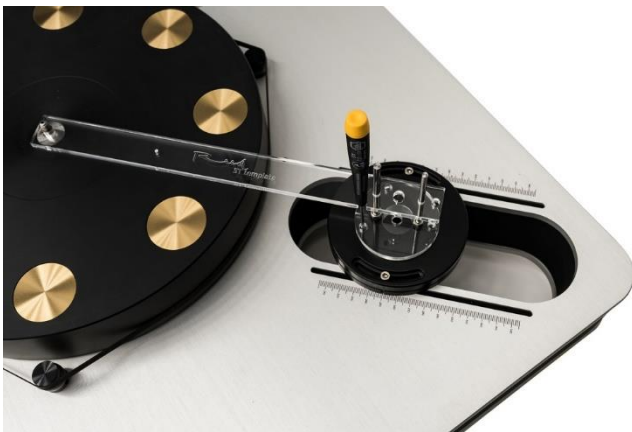


Figure 8

- d) Mount the tonearm onto a turntable using template [1] and protractor [2] (Figure 1).
 e) On the turntable, mark three tonearm base mounting holes (Figure 8) using Reed mounting template [1] (Figure 1).
 f) Drill three 4.2 mm holes and thread them with M5 thread.



Figure 9

- g) If you're mounting Reed tonearm on Reed turntable, please ask for a ready-to-use armboard. Fix the armboard in a designated place using a template (Figure 9).

WARNING!

Before using your tonearm (making adjustments or playing LPs) make sure that bearings of vertical and horizontal axis – [1], [2] and [3], [4] – are in correct position (Figure 10).

Failing to set bearings and pivots correctly may permanently damage the cartridge, tonearm and LP.

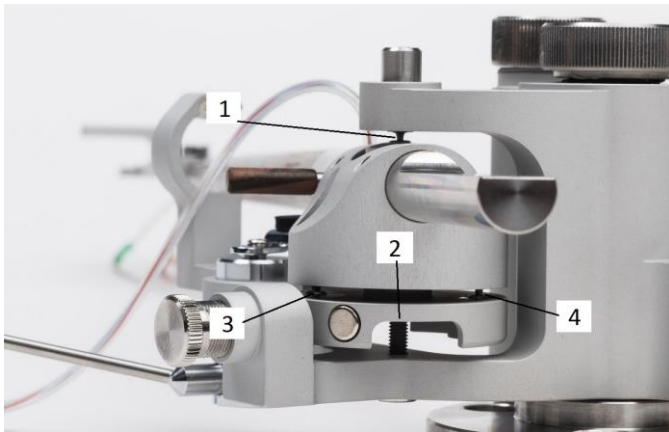


Figure 10

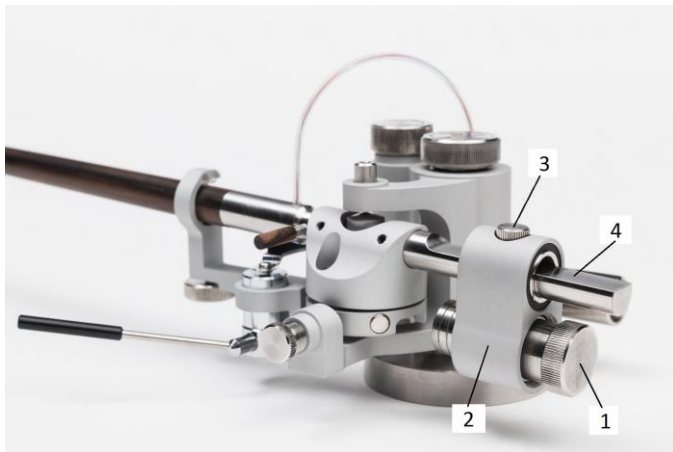


Figure 11

3. Vertical Tracking Force (VTF) adjustment (Figure 11)

- Screw counterweight [1] out of the frame [2] until front of a counterweight aligns with frame's surface (i.e. it should not stick from a frame)
- Set tonearm balance by sliding counterweight frame [2] on the holder [4].
- After setting the balance fasten counterweight frame [2] with a screw [3].
- Screw in the counterweight weight [1] forward by two segments. After VTA setup (Step 4) finalize VTF using scales.

4. VTA (Vertical Tracking Angle) adjustment (Figure 12)

- Loosen the fixing bolt [1]
- Rotate armtube on the record and let down cartridge
- Adjust armtube height by making it parallel to the record using adjustment screw [2]
- Fix tonearm holder with a fixing bolt [1]
- Make sure to check VTF setting using scales.
- Lift up the microlift.



Figure 12

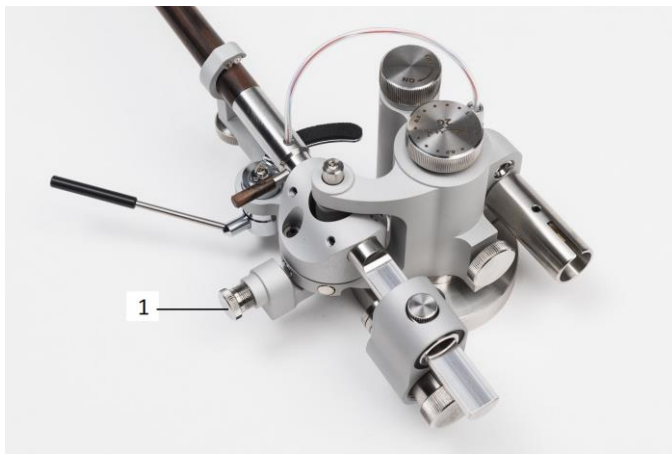


Figure 13

5. Antiskating adjustment (Figure 13)

- a) Adjust antiskating force (using test record) by turning the handle [1]. Antiskating force is increased by turning handle clockwise and decreases by turning handle counterclockwise
- b) Antiskating can be adjusted while playing LP.

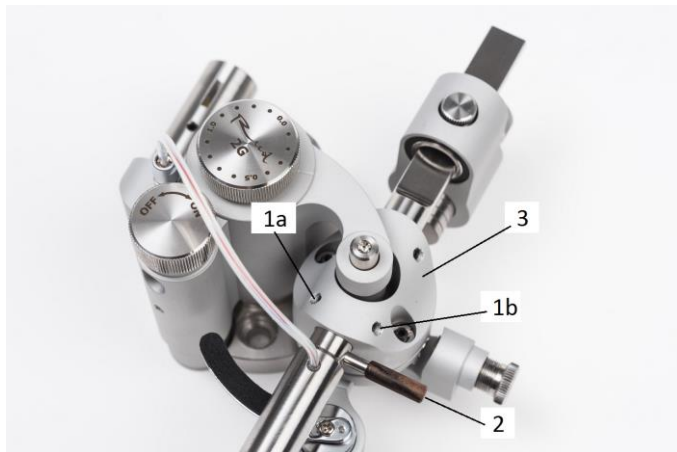


Figure 14

6. Azimuth adjustment (Figure 14)

If you need to adjust azimuth, hold the armwand cylinder [3] and loosen screws 1a and 1b by using s=1.5mm Allen key. By carefully turning handle [2] up or down adjust azimuth and tighten [1a] and [1b] screws.

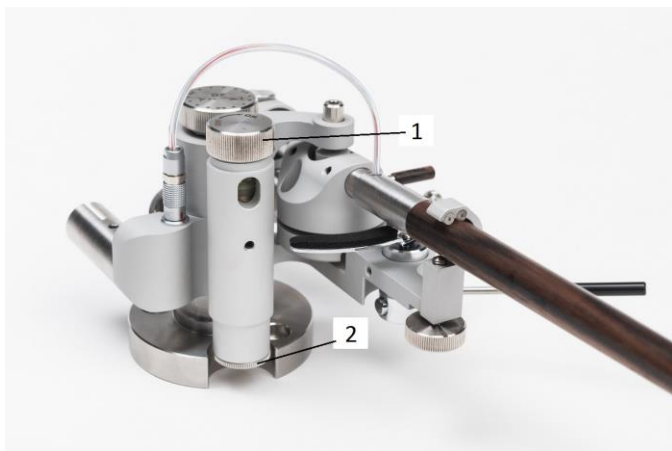


Figure 15

7. Laser adjustment*

- a) Switch on the laser by turning "OFF-ON" knob [1] clockwise (Figure 15).

* made to order.



Figure 16

- b) Adjust VTA (as describe in section 4. *VTA adjustment*) so that the laser beam was in position A (Figure 16).

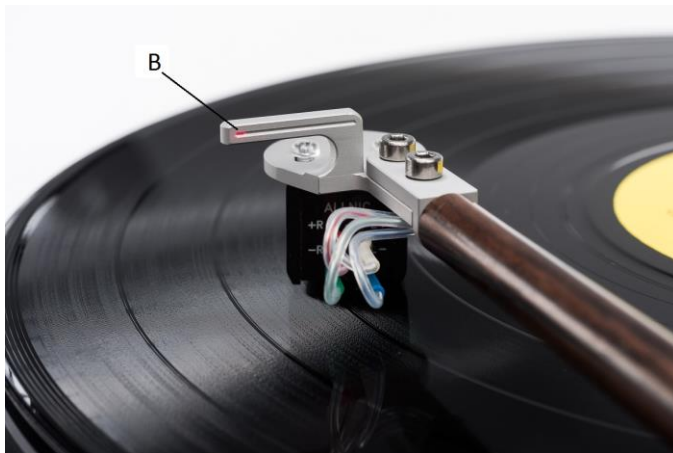


Figure 17

- c) Adjust azimuth (as describe in section 6 *Azimuth adjustment*) that the laser beam was in position B (Figure 17)
- d) Switch of the laser by turning "OFF-ON" knob [1] counterclockwise (Figure 15).

8. Battery replacement

- a) Unscrew battery cover [2] (Figure 15).
- b) Replace battery ("**+**" - to the cover side)
- c) Screw up battery cover [2] (Figure 15).