



# MANUAL

THE PUG TONEARM





# THE PUG

*Congratulations*

*on the purchase of your Roksan The Pug tonearm.  
Your audio component is designed and manufactured to  
the highest specifications and rigorously tested to offer  
many years of reliable and high quality musical enjoyment.*

*Correct installation and operation of the product will have a  
significant influence on the performance of your audio sys-  
tem and ensure many years of trouble-free listening.*



## INSTRUCTIONS FOR USE AND INSTALLATION

Thank you for purchasing the Roksan PUG tonearm. Please read these instructions thoroughly and carefully and your PUG will reward you with many years of listening pleasure.

## WARRANTY

Your pub tonight is guaranteed free for manufacturing defects for a period of two years from the date of purchase. Please ensure that your product warranty is registered online. This warranty does not cover damage caused by the user through mishandling or misuse.

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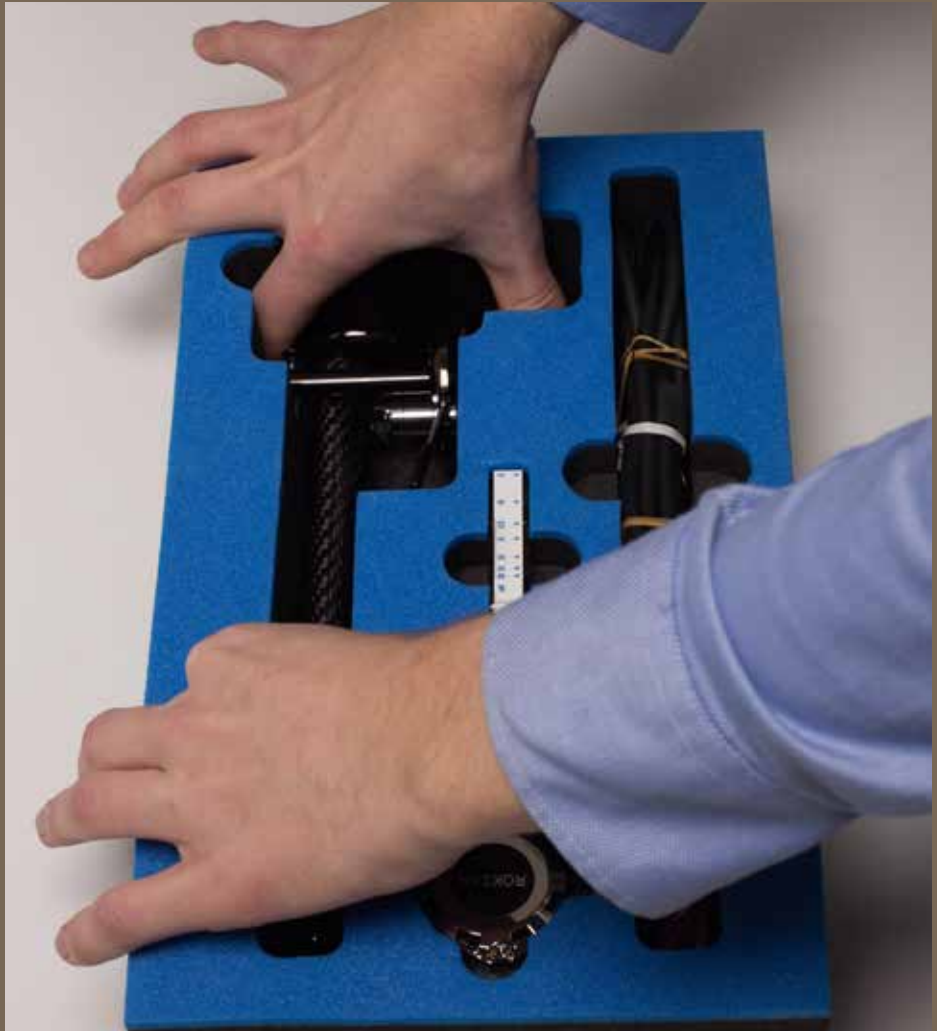
Inside the packing you will find the following:

- 1x PUG tonearm
- 1x baseplate (attached to arm in packing)
- 1x locking nut (attached to arm in packing)
- 1x Roksan high-definition arm cable
- 1x Counterweight (attached to arm in packing - for cartridges 5-9.5 grams)
- 1x Subsidiary counterweight (for cartridges weighing >9.5 grams)
- 1x Roksan alignment protractor
- 1x Allen key (for VTA adjustment screw on baseplate)
- 1x anti-skate weight
- 1x Roksan stylus balance
- 1x Roksan keyring



## UNPACKING AND ASSEMBLY

Carefully remove the PUG tonearm from its packing and check there are no signs of mishandling of damage. This is best achieved by carefully but firmly holding the end of the arm tube (where the moulded recess sections are) with your left hand and taking an equally firm hold of the counterweight and locking nut end of the arm assembly with your right hand (see image below). Then lift securely from the moulded packaging. Your PUG tonearm comes ready assembled for simple and fuss-free fitting to your turntable's Roksan arm board.





## FITTING THE CARTRIDGE

Next fit your desired cartridge. Please note for the best performance, the stylus should be ideally centered below the small hole at the end of the headshell. We recommend to use good quality 2.5 mm socket cap screws and nuts to mount the cartridge. Do not fully tighten the nuts until cartridge alignment has been completed.

Carefully connect the cartridge tags as per the manufacturer's instructions. The high-quality Cardas internal wiring of the PUG is colour-coded to make this process easier.

**NOTE:** Ensure you have the relevant counterweight for your cartridge weight attached to the rear of the arm. The smaller weight is for cartridges weighing 5 grams - 9.5 grams and the larger counterweight for those cartridges weighing greater than 9.5 grams (please refer to the manufacturer's specifications for the relevant cartridge weight)

## POSITIONING THE BASEPLATE

The baseplate should now be fitted to the armboard of the turntable. The circular raised ridge of the hexagonal locknut should face towards the underside of the armboard. Fit the baseplate so that the arm pillar clamping screw hole faces the right hand side to facilitate easier adjustment of the arm height (see image below).

**NOTE:** Image is to demonstrate the correct position of clamping hole screw, the armboard is not yet fitted to the plinth in this example). Align the position of the baseplate relative to the turntable spindle using the alignment protractor provided. Place the hole marked '0' over the spindle and place the position 'X' over the baseplate. Adjust the position of the baseplate in the hole until the centre is aligned with point 'W'. Tighten the lock nut using a 32mm spanner and ensure that the baseplate does not rotate by holding it firm with the Allen key inserted into the socket capscrew.





## POSITIONING THE TONEARM AND ALIGNING THE CARTRIDGE

NOTE: The Roksan high-definition arm cable is connected to the arm by inserting the 5-pin plug at the end of the cable into the socket located at the bottom of the vertical pillar.

Fit the PUG into the baseplate positioning the arm tube parallel to the right edge of the turntable. Ensure the counterweight is fitted to the arm to prevent cartridge damage. To adjust the tracking force ensure that the adjustable section of the counterweight is unscrewed slightly so that it is not flush against the main section of the counterweight mechanism. To adjust the tracking force either turn the counterweight to the left or the right to either decrease or increase the pressure.

Check the Manufacturers recommended tracking weight and place the weight on the appropriate notch. When using the supplied Roksans stylus balance, remove the turntable mat and place the stylus balance on the platter. Set the tracking force of the cartridge in accordance with the manufacturers instructions. The white section of the gauge should be flush with the holder at the rear of the balance (see image below)

### NOTE: Azimuth Adjustment

The Azimuth is initially set slightly to the outer side. If you wish to adjust there are 2 screws at the base (see picture). The rear screw should be loosened lightly to allow movement, and the inner screw is used to set the position. If cartridge is leaning inside, adjust azimuth to outside and vice versa.



## ADJUSTING THE ARM HEIGHT (VTA)

Place the turntable mat and the flat record on the turntable platter. The parallel lines marked on the alignment protractor provided should be used to ensure the arm tube is parallel to the record surface. Use a pen to make a small indent in points C and D on the protractor with the relevant counterweight fitted. Move the cartridge along the slots in the headshell - forward or back - until the cartridge body aligns perfectly with the lines on the protractor. Tighten the cartridge bolts to prevent the cartridge from moving.

The arm should be aligned so that when it is in the rest position be on tube is parallel to the edge of the turntable. When you have achieved the correct position tighten the 4 mm socket cap screw in the side of the base plate with the Allen key provided.



### ADJUSTING THE ANTI-SKATE WEIGHT

Please refer to the table and image below to match the relevant cartridge tracking weight to the correct anti-rotate position on the bar.

NOTE: A, B & C notches are the three notches positioned closest to the counterweight of the PUG arm (as shown in image).

Tracking Weight	Position A-C
< 1.4 grams	no weight
1.4 - 1.7 grams	<b>C</b>
1.7 - 2.0 grams	<b>B</b>
> 2.0 grams	<b>A</b>

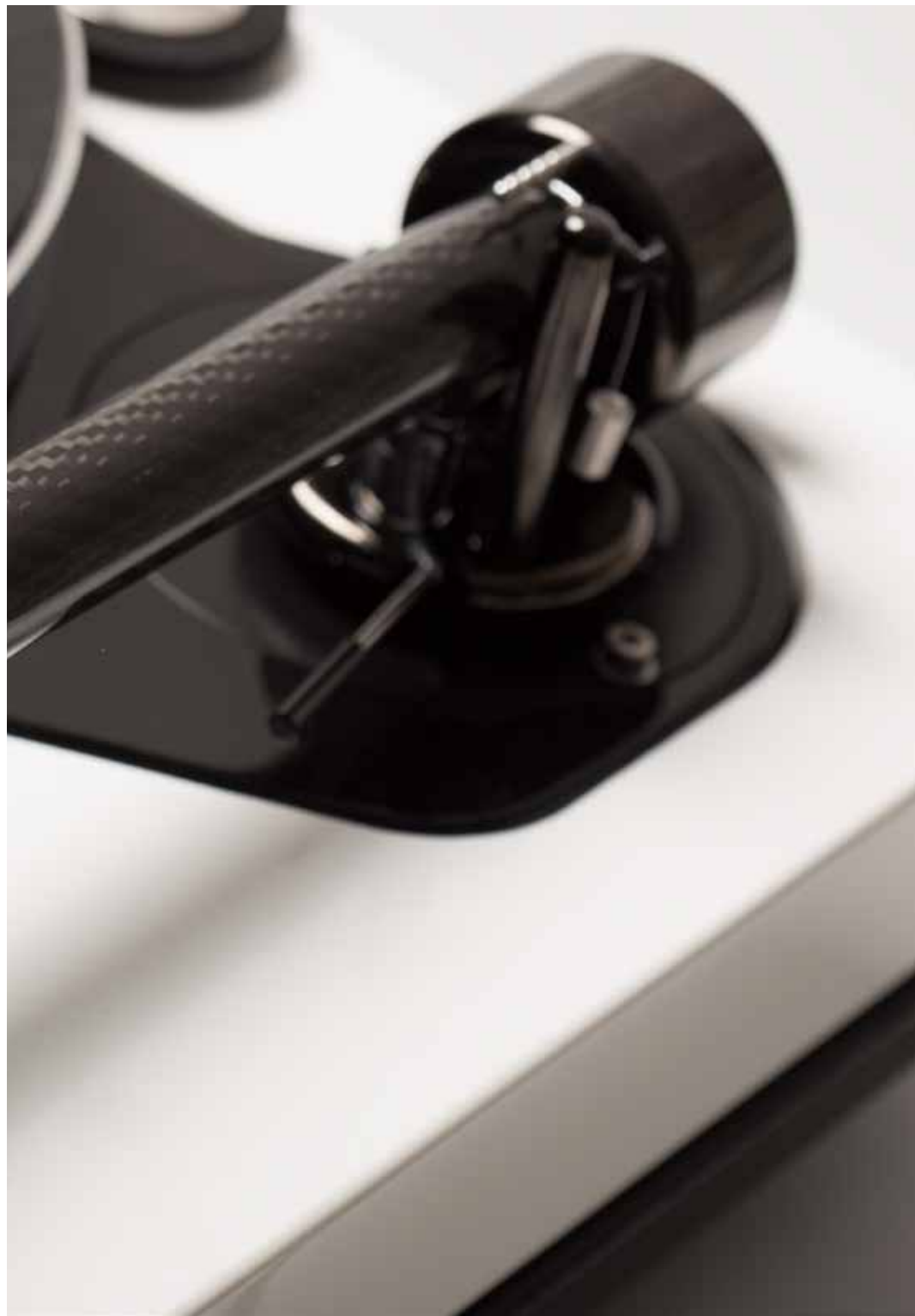




### SPECIFICATIONS / TECHNICAL DATA

Effective length	240 mm
Overhang	17.5 mm
Headshell offset angle	22.9 degrees
Effective mass	14 grams
Mounting hole diameter	23 mm (28 mm max.)
Armboard board thickness	19 mm nominal
Recommended cartridge weights	5 - 9.5 grams
Recommended tracking force	1.2 - 3.0 grams







ROKSAN AUDIO

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