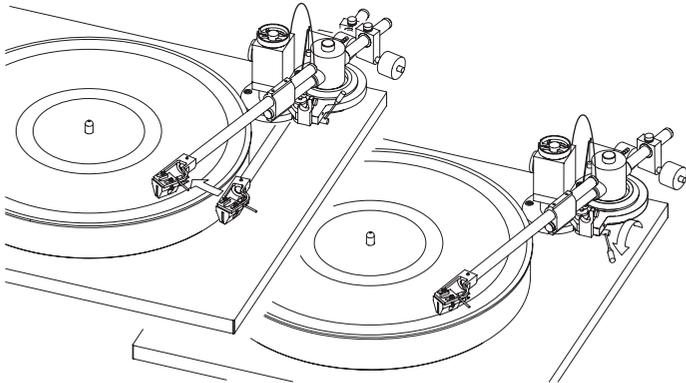


ST600 Instructions

Lift the arm control lever and release the arm placing it over the record. Place the stylus over the selected band on the record. Then move the control lever forwards, allowing it to fall freely. When finished, raise the control lever to lift the stylus from the record and then return the arm to its cradle.



Technical Data

Model	ST600
Pivot system	Oil damping unipivot static balance system
Effective length (pivot to stylus)	266mm/300 mm (10.5"/12")
Overhang	16mm
Offset	20 degree
Recommend cartridge weight	4-16g
Total weight (without counter weight)	1130g
Main counter weight	50gx2
Incidental counter weight	50g(counter weight balance carrier)
Anti-skating weight	2g
Arm base and headshell	Stainless steel
Arm tube	Carbon fiber

Note: Do not disassemble the tone-arm, please contact your dealer for further inspection and repairs.

A-ONE & CONSONANCE

www.opera-consonance.com
Email: support@opera-consonance.com



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ST600

HI-FI TONEARM SERIES

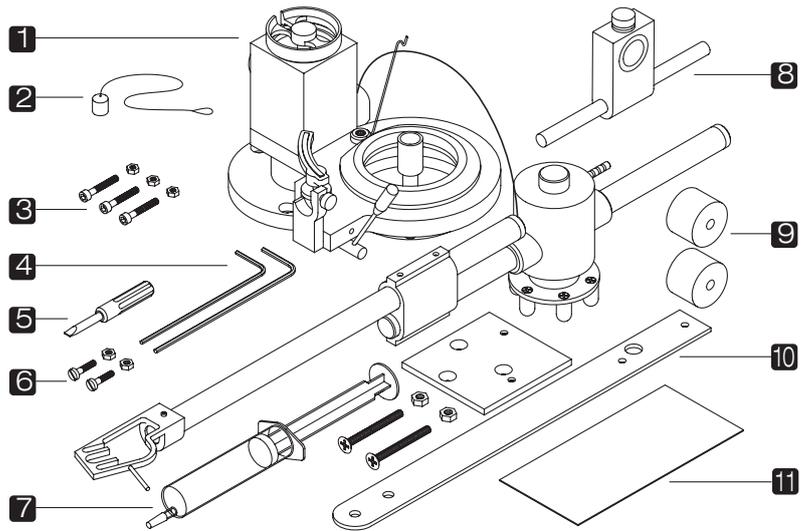
Effective length: 10.5 " — 12 "

ST600 Components list

Thanks for you choose A-one & Consonance Hi-Fi Tone-arm Series, all the parts in the pack are list as followings:

- 1 Tone-arm base and arm (x1)
- 2 Anti-skating weight (x1)
- 3 Tone-arm installation machine screws and nuts(M3 screws x3,M3 nuts x3)
- 4 Allen wrenches (M2x1, M3x1)
- 5 Screwdriver for cartridge installation (x1)
- 6 Cartridge screws and nuts (M2 screws x2,M2 nuts x2)
- 7 Syringe for bearing oil with 20ml of damping oil (x1)
- 8 Counter weight balance carrier (x1)
- 9 Counter weight (x2)
- 10 Tone-arm installation guide ruler assemble with template base and screws (template x2,M5 screws x2,M5 nuts x2)
- 11 Installation manual (x1)

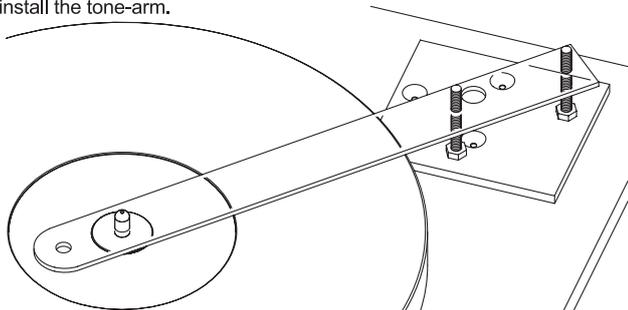
Attention: Please carefully check that all articles are supplied mentioned above.



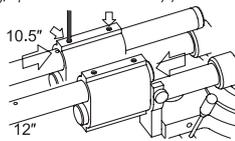
ST600 Installation steps

Before installation please remove and assemble the tone-arm installation guide ruler assembly with template base and screws and place it on the base as shown in the drawing below.

For example, to install the 10.5 inch tone-arm, take the tone-arm installation guide ruler assembly with template base and place it flat with the platter making sure the 10.5 inch hole is positioned properly on the top of the platter bearing. Then make sure the guide ruler and the template (which is positioned on the plinth) are perfectly parallel with each other. Next, mark the 3 installation /drill holes on the plinth. Finally properly measure each marked point for a 3.5mm hole to be drilled on the plinth. Drill each hole thru the plinth making sure they are truly vertical. Now you are ready to install the tone-arm.



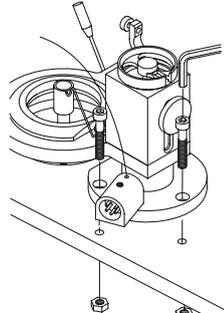
Loosen/tighten the 2 fixing screws to change the length of arm tuber from 10.5 inches to 12 inches. There is a solid spot fit into the arm tuber as a "stop indication" for the 10.5 inches positions, the other side to the end should be the one for the 12 inches positions.



Step 1

Place the bedplate properly over the 3 holes on the plinth, take the 3 M3 screws and place them thru the bedplate and plinth. The nuts on the ends install and tighten using the M3 allen wrenches.

Note: Be careful of the wire connection between the tone-arm body and the bedplate when setting-up and making adjustments to the tone-arm, or else damage could occur and improper functioning of the arm could result.

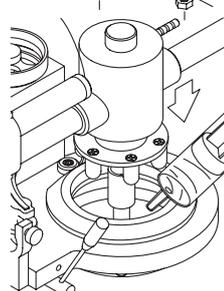


Step 2

Slowly inject damping oil into the cup of the tone-arm bottom base and making sure the reservoir is filled to the brim. Slightly put the tone-arm onto the pillar located at the center of tone-arm bottom base.

Note: when you lower the tone-arm body be very careful to do it slowly or else (damage can result).

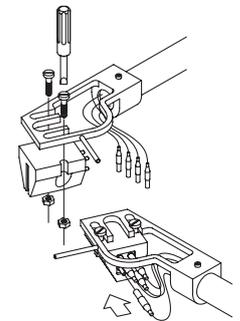
This procedure must be preformed carefully and accurately for the ST600 to work properly.



Step 3

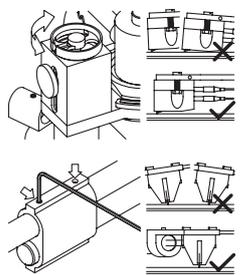
Take the cartridge installation screws and nuts (not included) and fix the cartridge to the head shell of tone-arm. Refer to the cartridge manufacturers instructions for proper installation. Plug the 4 colored terminals (red, green, white, blue) into the back of the cartridge making sure each color is matched.

Note: Do not use excessive force on the wires when making the connection or else damage/breakage could result.



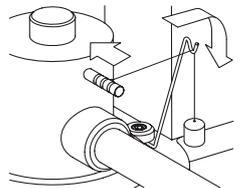
Step 4

Loosen the screw at the side of the height adjustment mechanism and turn the height adjustment gauge on the top until the stylus makes contact with the record. Then retighten the side screw. Using M2 Allen wrench loose the two screws on the top of arm tube connection and adjust the arm tube till azimuth reach 90 degree, retighten the two screws.



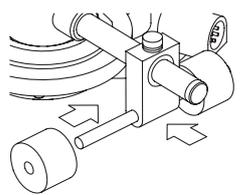
Step 5

Take the anti-skating weight with line attached and place the loop over the anti-skating lever. Then hang the line freely over the anti-skating pivot. There are three grooves on the anti-skating lever. The inner groove is calibrated for 1 gram of anti-skating force. The middle groove is 1.5 grams and the outer groove is 2 grams. Please adjust the anti-skating force appropriately for your cartridge.



Step 6

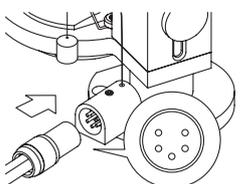
Take the tone-arm weight balance carrier and place on the back end of the tone-arm. Then put the two tracking weights on the side rods of the tone-arm weight balance carrier. Adjust the position of the tone-arm weight balance carrier according to the balance of the tone-arm body and the tracking force of the cartridge. For specific tracking force and adjustment methods please refer to the cartridge manual!



Step 7

Connect the 5 pin audio cable plug into the 5 pin socket at the back of the ST600, making sure the plug positions are correct.

Note: Don't force the plug excessively or else pin damage will result.



Step 8

Connect the audio cable to your system.