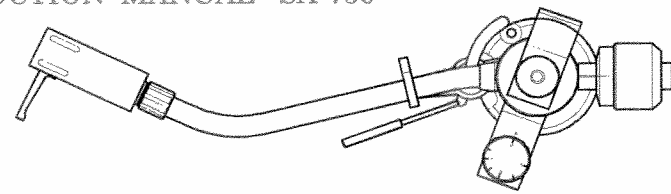


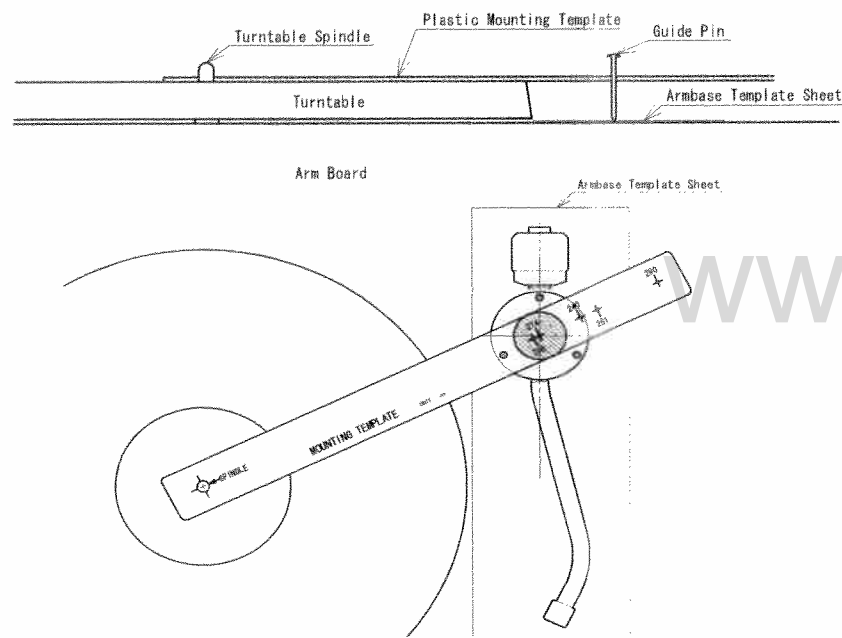
INSTRUCTION MANUAL SA-750

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Mounting Instructions

1. Place the spindle hole of the template onto the turntable spindle and determine the position of the arm base as shown in the below.
2. Make a pin mark on the center of the paper armbase template of the board.
3. Holding onto the armbase template paper sheet at that position and make 3 screw hole marking on the board.
4. Drill a hole for the arm base (30mm diameter) and 3 holes for the base mounting screws (4.2mm for M4 x 25 screws) If necessary adjust the screw hole size that may vary depending on the density/hardness of the board.
5. Mount the arm base with 3 mounting screws on the board.
6. Place the tonearm shaft into the armbase hole, hold the shaft at the desired height, and tighten the M5 set screw with allen (Hexagonal) wrench.



Specifications

model	SA-750D	SA-750DB	SA-750E	SA-750EB	SA-750L	SA-750LB
Color	Bronze	Black	Bronze	Black	Bronze	Black
Effective length (from the tonearm pivot to stylus point)	229mm	229mm	255mm	255mm	305mm	305mm
Distance of the tonearm pivot to spindle	214mm	214mm	240mm	240mm	290mm	290mm
Overhang (spindle to stylus point)	15mm	15mm	15mm	15mm	15mm	15mm
Offset angle	22°	22°	21°	21°	19°	19°
Tracking error angle	+1.9° -1.1°	+1.9° -1.1°	+1.75° -1.25°	+1.75° -1.25°	+1.42° -0.97°	+1.42° -0.97°
Horizontal sensitivity (first action, inner wire free)	30mg	30mg	30mg	30mg	30mg	30mg
Vertical sensitivity (first action, inner wire free)	20mg	20mg	20mg	20mg	20mg	20mg
Suitable cartridge self weight for standard counter weight	4~12gr	4~12gr	4~12gr	4~12gr	4~12gr	4~12gr
Suitable cartridge self weight for heavier counter weight	12~24gr	12~24gr	12~24gr	12~24gr	12~24gr	12~24gr
Range of height adjustment (distance between the arm base bottom and center of the arm pipe)	38~60mm	38~60mm	38~60mm	38~60mm	38~60mm	38~60mm

Contents of Package

- 1 x Tone arm assembly
- 1 x Mounting arm base
- 1 x Headshell assembly
- 1 x Standard counter weight assembly
- 1 x Heavier counter weight assembly
- 1 x Plastic mounting template
- 1 x Paper template
- 1 x Damping oil (silicone oil)
- 3 x M4 x 25mm long Bolts
- 3 x M4 Nuts
- 3 x Φ4 washer
- 1 x Hexagonal wrench for 1.5mm
- 1 x Hexagonal wrench for 2.0mm
- 1 x Hexagonal wrench for 2.5mm
- 1 x Hexagonal wrench for 3.0mm
- 1 x Guide pin

Horizontal Balancing and Tracking Force

Horizontal balance

1. Mount the shell/cartridge onto tonearm.
2. Adjust the rear tonearm counter weight by turning it until the tonearm float approximately/horizontal to the turntable and the baseboard.

Stylus pressure

1. Turn the stylus pressure adjustment ring to "0"
2. Move the counter weight forward by turning it until its indicator points the recommended stylus pressure.

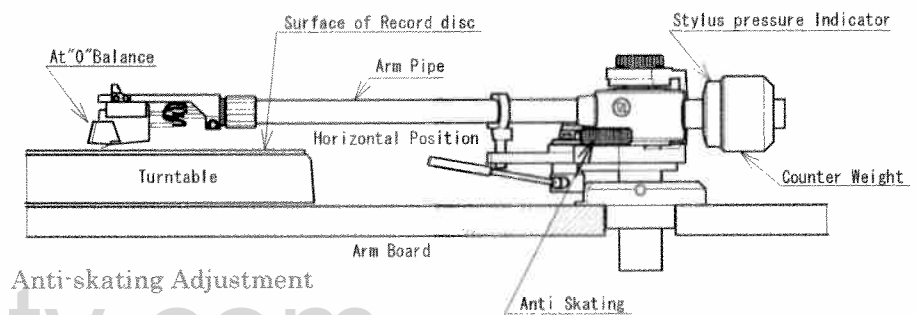
Height of Stylus tip

1. Set the tip of the stylus 5-10mm above the vinyl record surface when the tone arm is lifted up

Caution.

Do NOT remove any screw on the tonearm assembly. They are factory assembled to the exact specifications.

Any tinkering of the tonearm could result in its malfunctioning.



Anti-skating Adjustment

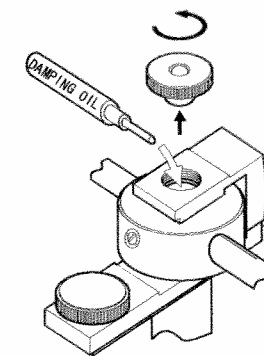
When a vinyl record spins the stylus riding in the groove is pulled in toward the center of the vinyl, causing a greater stylus pressure against the outside wall of the groove than against the inside wall.

In order to counter this pressure an anti-skating mechanism is incorporated in the tonearm.

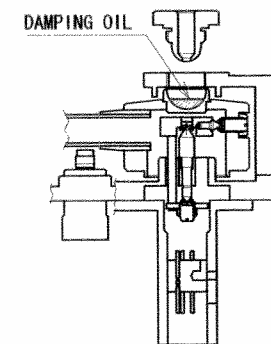
It is calibrated from 0 to 3gr in 0.5gr increment corresponding with the same calibration (or somewhat less) of the stylus pressure.

Oil damping

1. Infuse this damping oil (silicone oil) into the cup (see the diagram)
2. Suitable volume of the damping oil in a cup is a half level of the cup (see the diagram)



Infuse this damping oil (Silicon oil) into the cup (see the diagram)



Suitable volume of the oil in a cup is a half level (see the diagram)