

**ONKYO**

**MULTIAC**  
**MULTI AUDIO COMPACT**



PLAYER SYSTEM  
**MULTIAC 70P**  
MULTI AUDIO COMPACT

INSTRUCTION FOR USE

**ONKYO**  
**AUDIO SYSTEM**

# WE THANK YOU FOR CHOOSING OUR AUDIO EQUIPMENT

## 《FEATURES》

The player is designed and manufactured to meet completely the requirements of stereo sound reproduction. The 31 cm turntable is made of die-cast precision-finished aluminum. It is driven by a special urethane-resin belt. For this reason, it is free from wow, flutter and motor rumble, and ensures stable rotation for a long time.

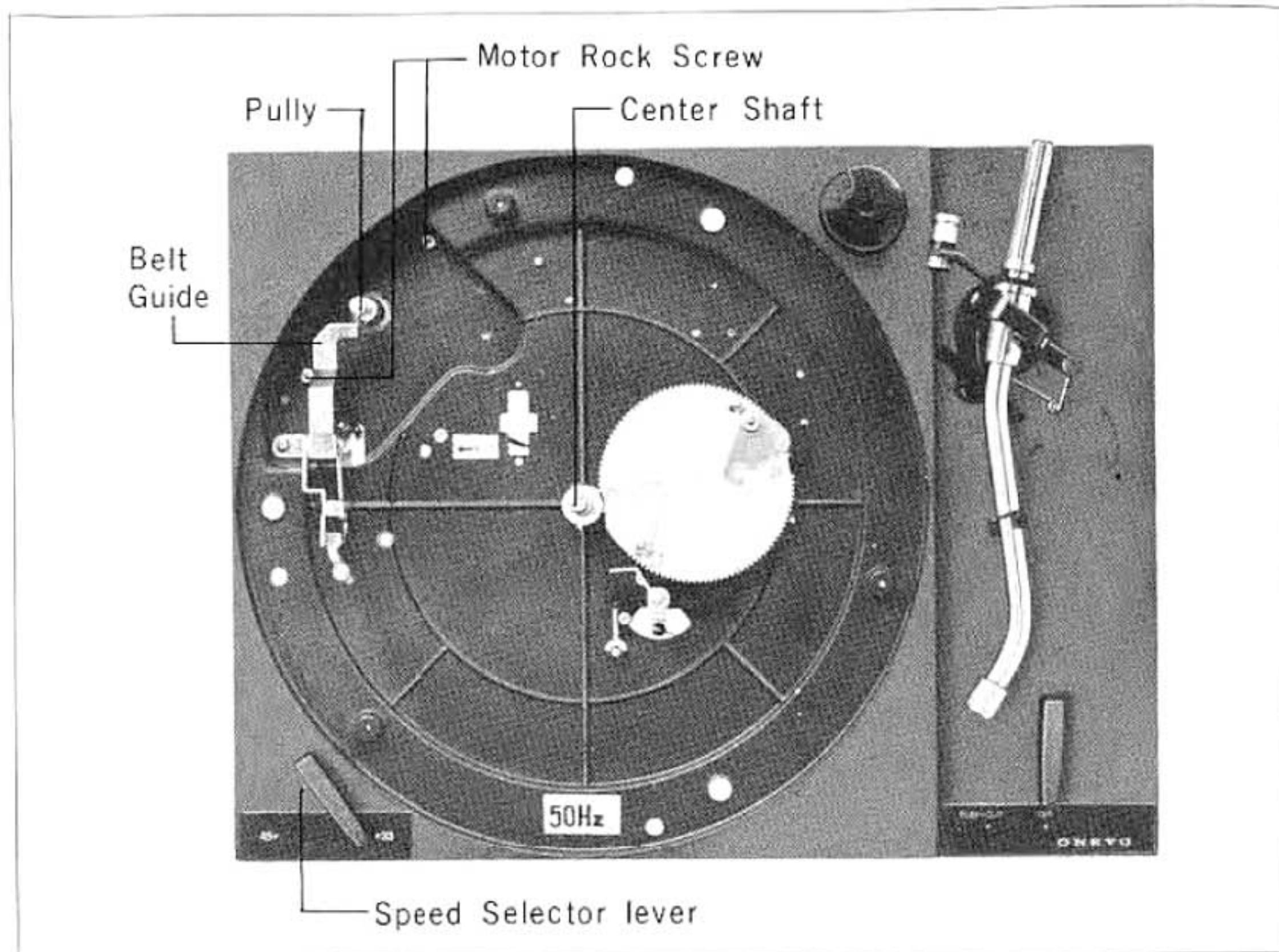
The pickup is fitted with an S-pipe-arm, which is of negligible moment of inertia and resonance-free, and with a high-fidelity MM-cartridge, which has excellent high note and transient characteristics. For further precision, the pickup incorporates a lateral balancer, a pivot suspension system, a convenient stylus-pressure adjustor, head shell exchanging system and so on...With the user in mind, careful attention has been paid to details.

## 《SPECIFICATIONS》

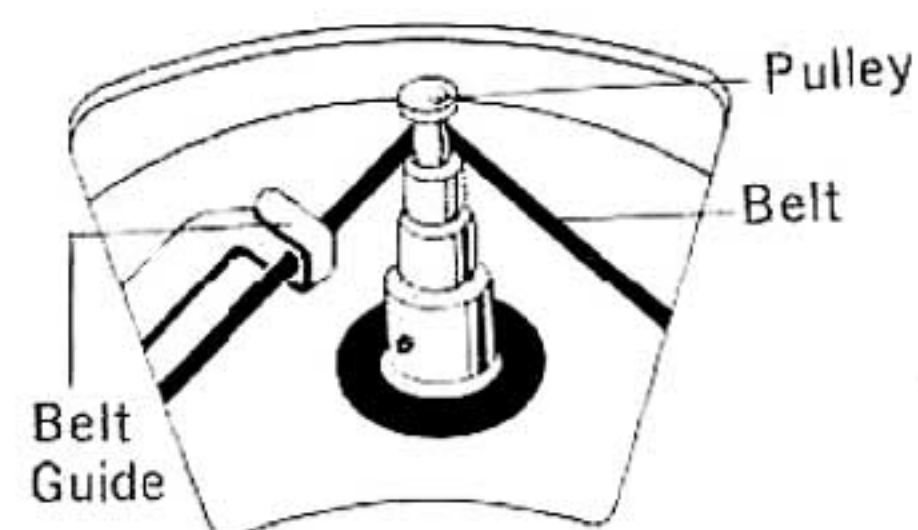
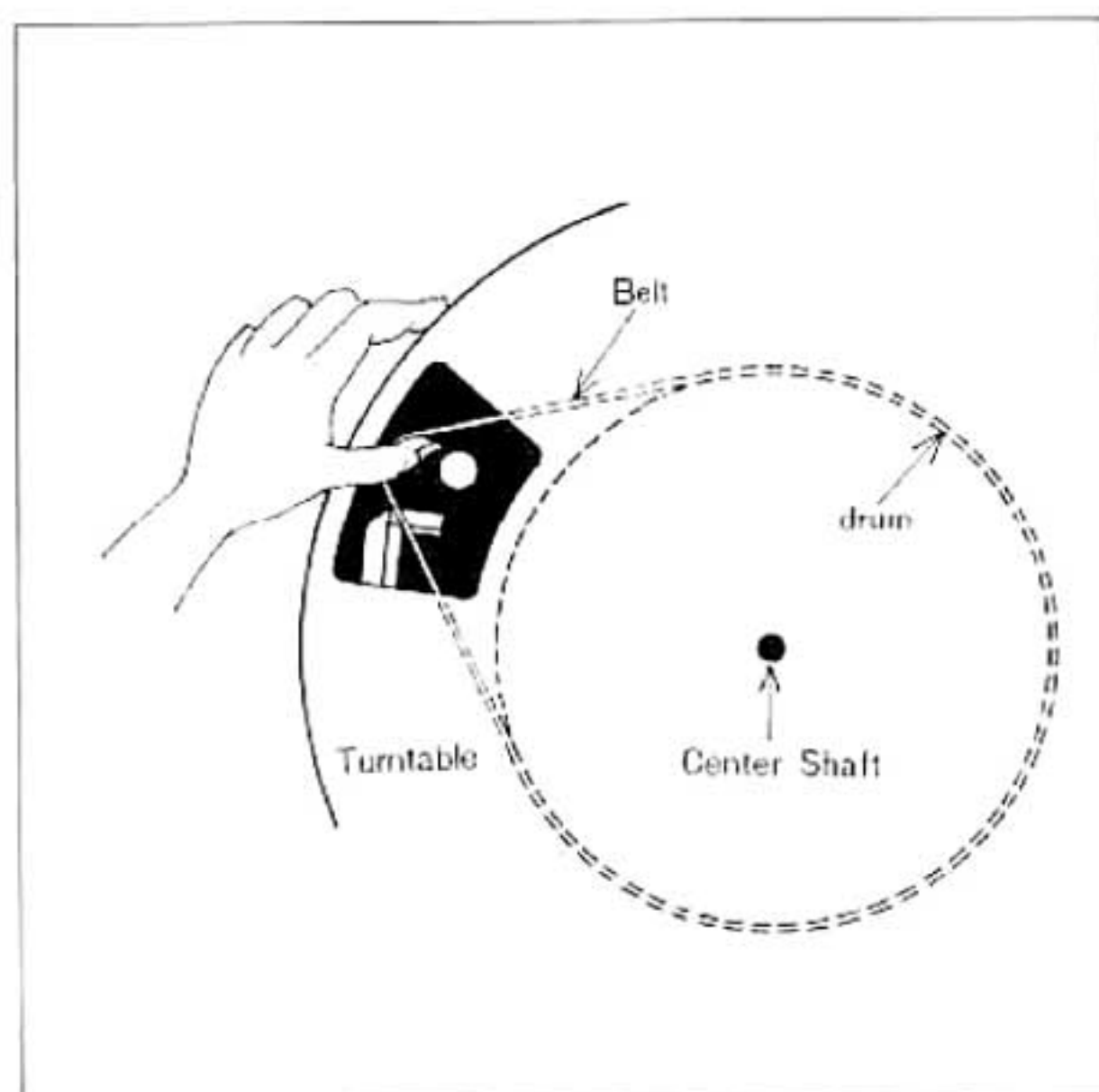
Type	2 speed belt-drive auto-return auto-cut
Turn table	12 $\frac{1}{4}$ "(31cm)aluminum die-cast
Speeds	33 $\frac{1}{3}$ , 45r.p.m.
Motor	4-pole Synchronous Motor
Cartridge	Moving magnet type
Stylus Pressure	3.0gr
Stylus	Diamond.
Arm	Static balanced pipe-arm with lateral balancer & anti-skating control
Power Supply	AC 100V 50/60Hz
Power Consumption	10W
Dimensions	18 $\frac{1}{2}$ "W×15"D×7 $\frac{1}{8}$ "H
weight	17.6lbs



# How to install



- (1) Unfasten the two motor-rock screws with the screw-driver provided in the accessory container.
- (2) Take out the turntable in the bottom of the packing case.
- (3) Set the Speed selector lever to the position "33"
- (4) Put the belt around the drum at the back of the turntable, and set the turntable into the centershaft stretching the belt with the finger through the hole of the turntable.
- (5) Put the stretching belt on the pulley through the belt-guide without twisting the belt.
- (6) Ascertain that the belt is in the center of the guide, as illustrated and then place the rubber sheet on the turntable.

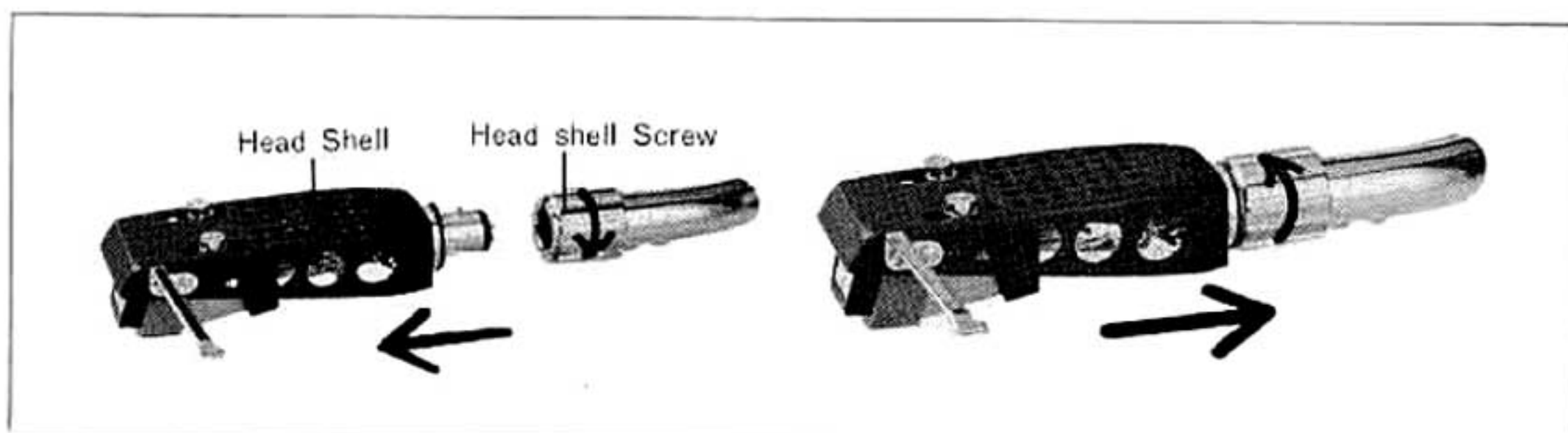


# Adjustments

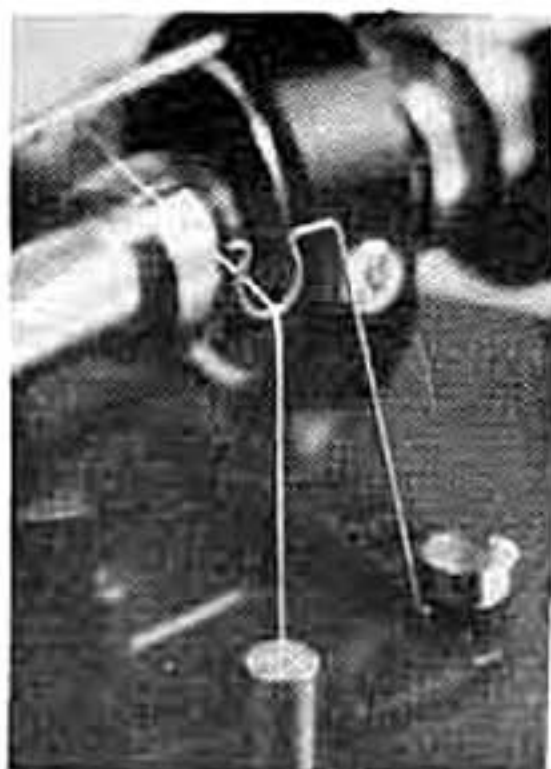
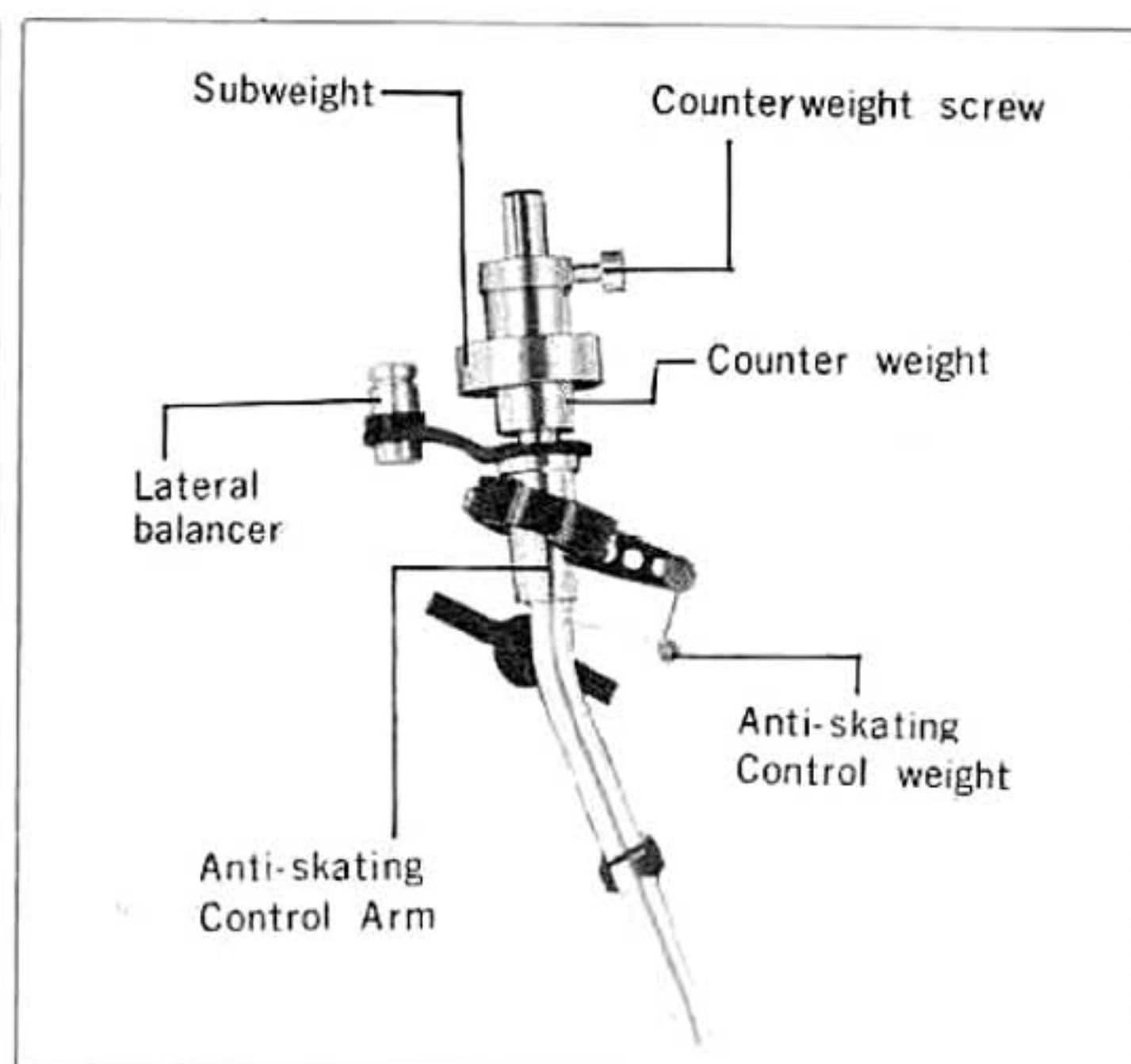
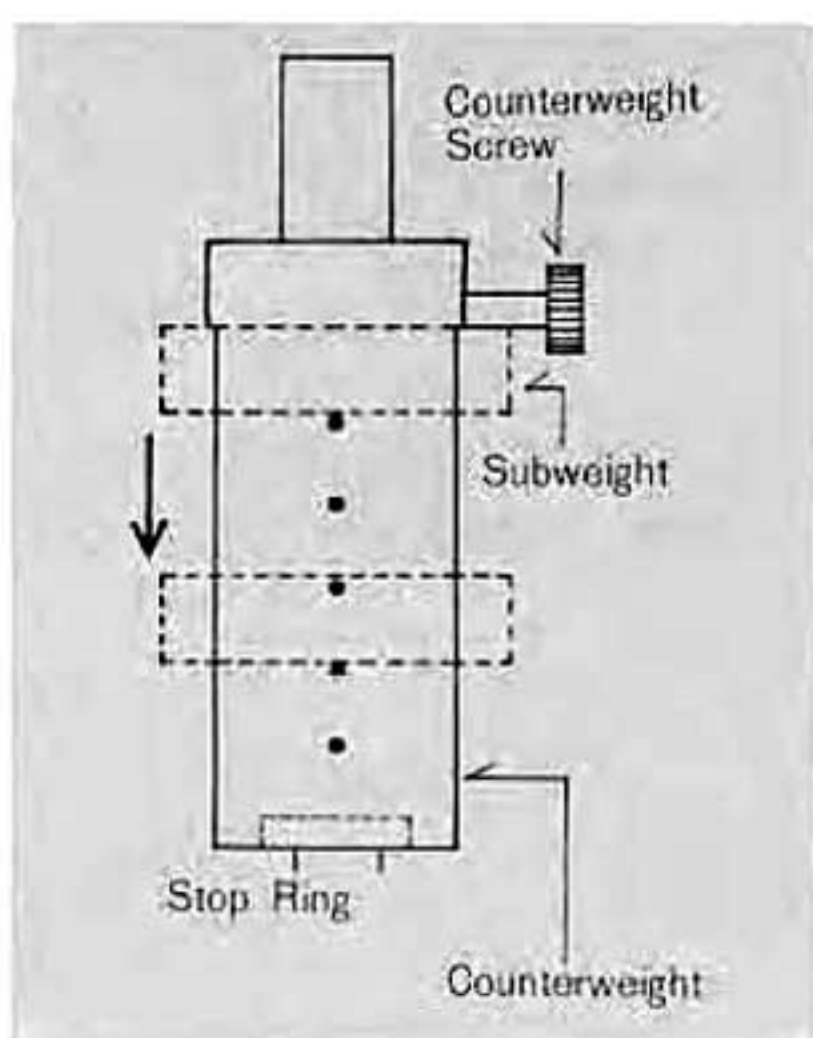
Before adjustments, don't apply any undue load, especially to the arm.

- (1) Take out the counter weight, the head shell and the anti-skating control weight from the accessory container.
- (2) Attach the head shell to the arm. To do this, while lightly pressing the head shell toward the arm, turn the left (⊖). Turning it to the right (⊕) detaches the head shell.

At this point, be careful to avoid dropping it. On no account should the stylus be touched with a finger.



- (3) Put the counterweight into the subweight.
- (4) Attach and adjust the counterweight as illustrated. Gently slide the counterweight over the arm until it touches the stop ring, and then secure it with the counterweight screw. Position the screw to the right, as illustrated.
- (5) Next, move the subweight towards you. The stylus pressure is increased by 1.0 gram for each point. Since 3.0 gram is the most appropriate stylus pressure for the cartridge provided, move the subweight towards you to the fourth point.



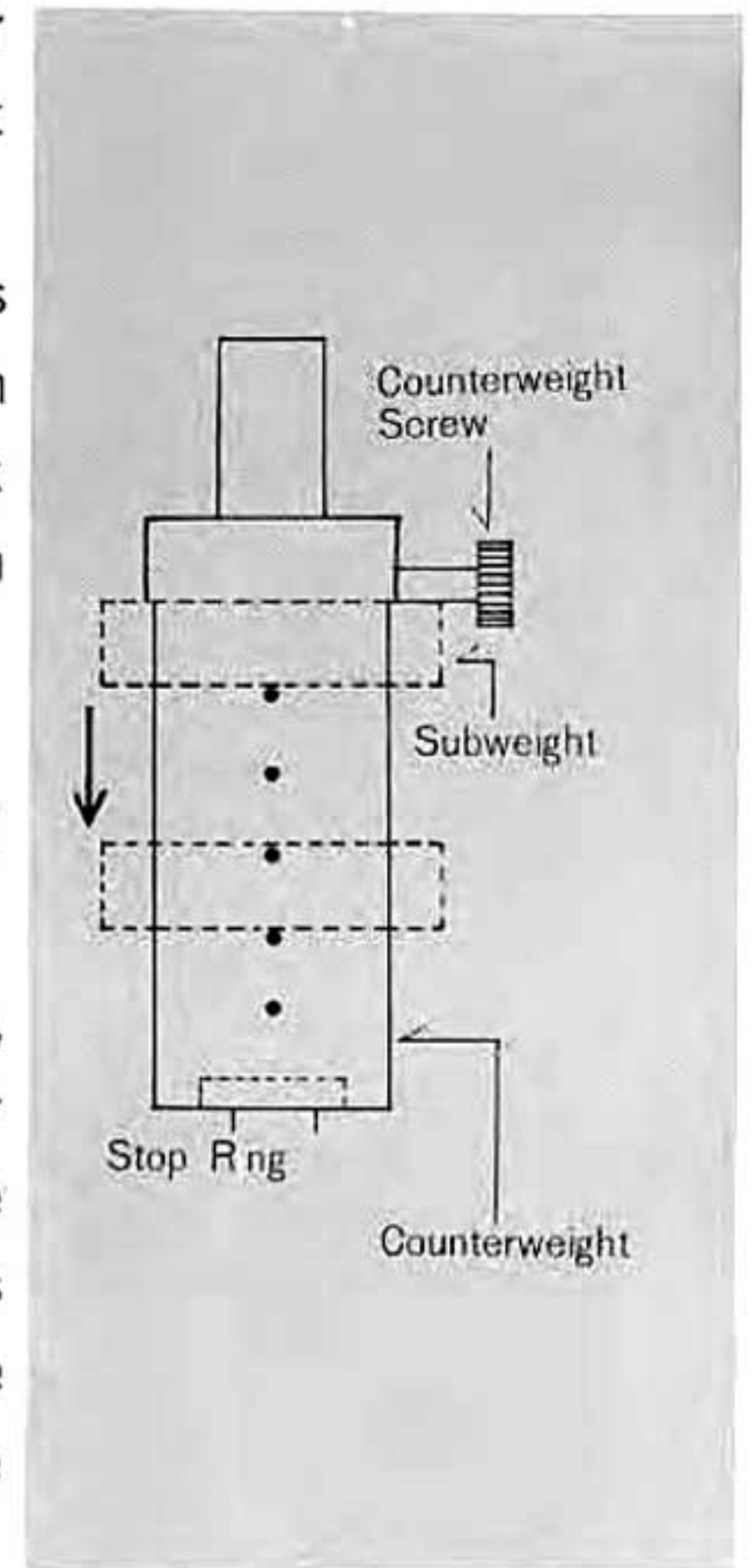
- (6) Hung the anti-skating control weight at the 2nd point of the anti-skating control arm, through the hollow of the wire holder.
- (7) Loosen the ribbon fixing the arm.
- (8) Take off the stylus cover.



# Adjustments

## Notes on Using a Head Shell Other Than That Provided.

- (1) After setting the head-shell with another cartridge, move the subweight in its most backward position.
- (2) Then, balance the arm. If the arm tilts down at the head and touches the arm lifter, move the counterweight to the backward. After balancing the arm, fasten the counterweight screw.
- (3) Next, move the subweight towards you. The stylus pressure is increased by 1.0 gram for each point.
- (4) Adjust the anti-skating control string, according to the stylus pressure. For example, in the case of 3.0gr, hung the string to the anti-skating control arm's 2nd point counting from the front. In the case of 2.0gr of stylus pressure, to the 3rd point.



## How to Connect

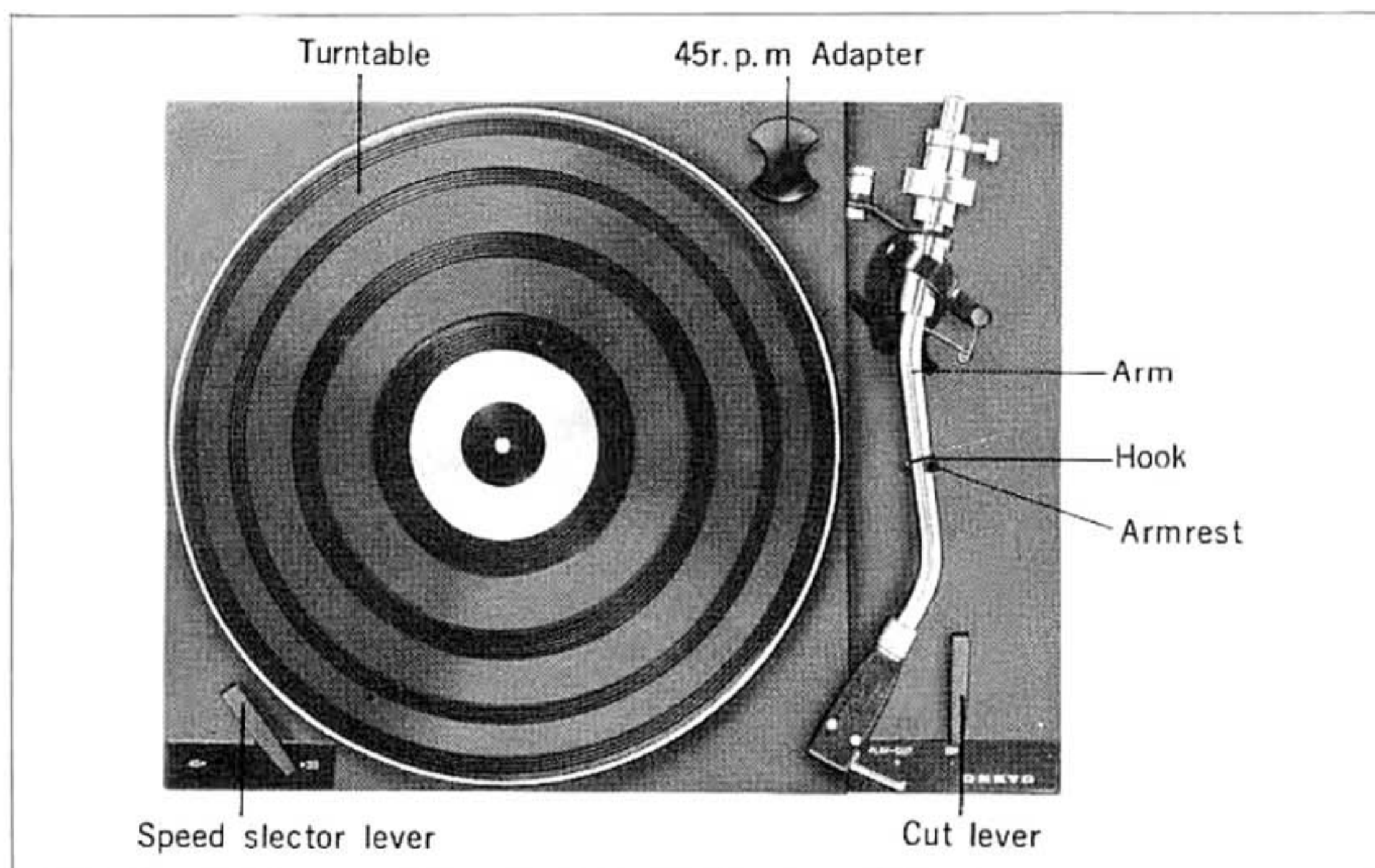
- (1) Connect the signal output cords (R,L) from the player to the input jacks (PHONO, for a moving magnet cartridge) of the amplifier.
- (2) Insert the AC lead (for the power source) into the Player supply (100V) of the amplifier.

## Setting

The player is very sensitive to vibration, temperature, humidity, dust, and any outside force since it is a highly precision-made piece of equipment. Therefore, be sure to pay careful attention to the following points:

- Select a place meeting these conditions: vibration-free, stable; of low humidity; free from dust; well ventilated; not affected by direct sunshine; not near to air conditioning equipment.
- Make sure that the player is absolutely horizontal.
- Guard it carefully against dust and dirt.

## How to use



- (1) Move the speed selector lever to change the turntable speed.
- (2) Put the pick-up arm over the record.
- (3) Move the cut lever toward the left, it begins to play.
- (4) After the record has finished playing, the arm automatically returns to the arm rest. When you want to stop playing a record before it has finished playing, move the cut lever slowly to the left.

Note : Never touch the arm when it is returning to the rest. If the turntable is turned while the arm is fixed with a ribbon, it may cause trouble.

After the very first playing, the arm may not return smoothly, but this will not recur on subsequent playings.

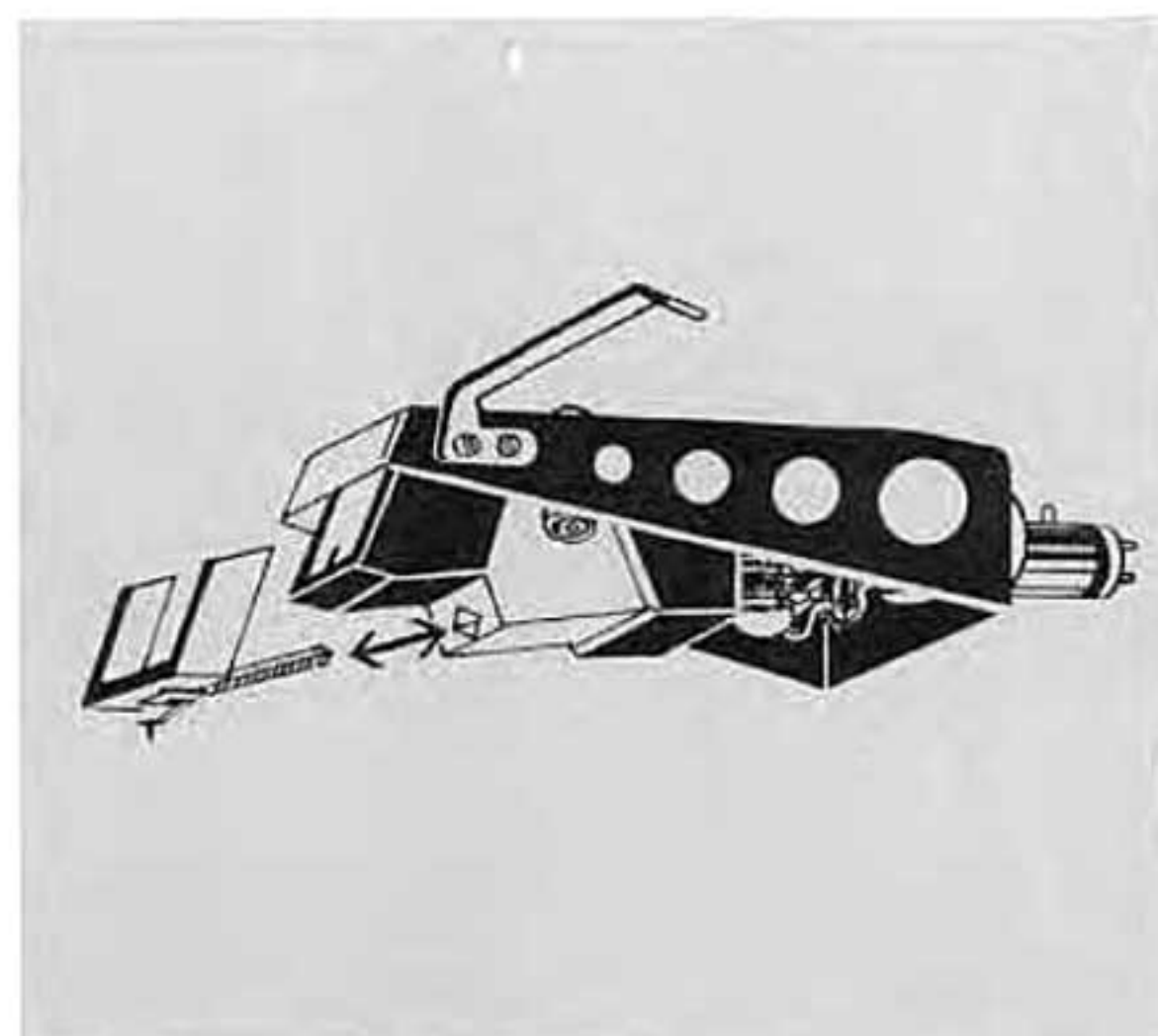


## When replacing the needle

When the needle point wears out, sounds become distorted as the result of a deterioration in the performance of this player.

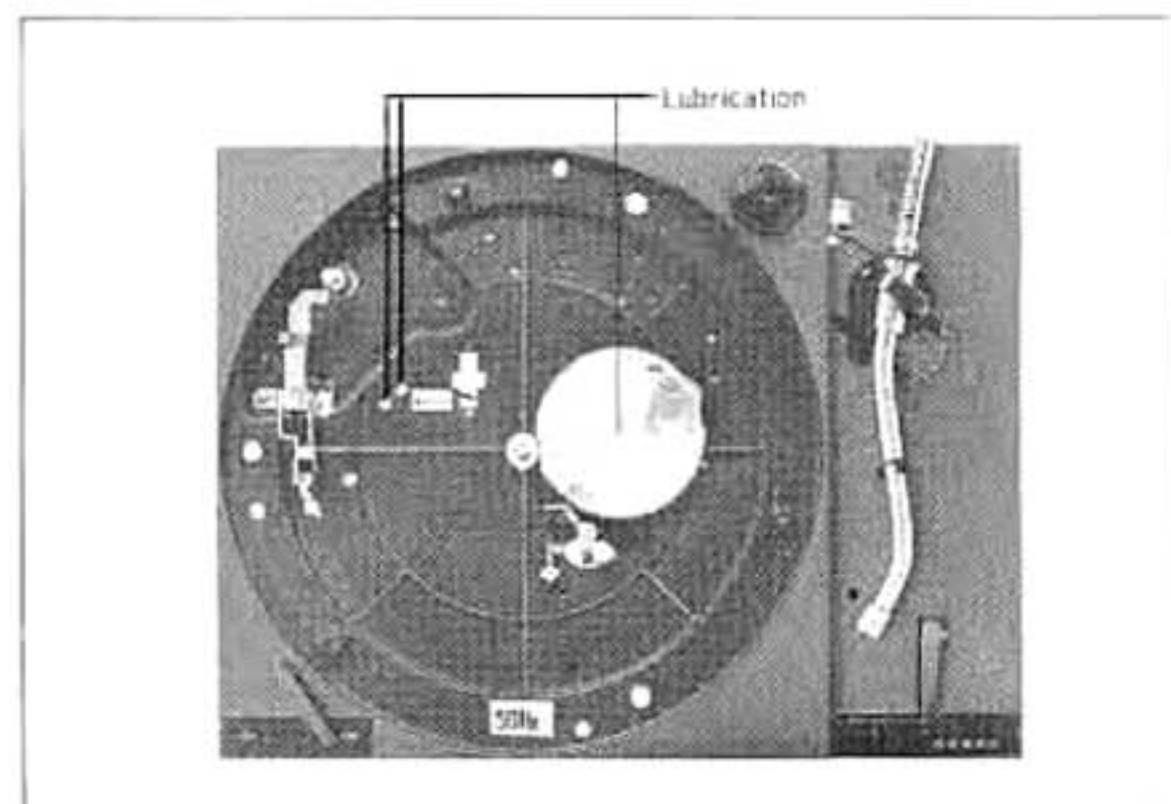
In addition, the wear of the needle tends to stain a record thus harming the tone.

Be sure, therefore, to replace the needle as soon as possible after playing about 500 hours.



## Lubrication

There is a need to lubricate once about a year. First, remove the turntable. Apply the oil provided to the "oil" points and the drive gear shaft. In this case, there is good enough to put a few drops of the oil.



## The frequency of the power source

At the time of its shipment, the player of this stereo set is adjusted to the frequency of the power source used at the 50Hz area.

When using at the 60Hz area, please ask our dealer to change the spindle (pulley) of the player.

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