

Operating Instructions

STEREO TURNTABLE PL-8

KUT
KCT



IMPORTANT NOTICE

The serial number for this equipment is located on the rear panel.

Please write this serial number on your enclosed warranty card and keep in a secure area. This is for your security.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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NOTE:

Prior to using the turntable, it must be assembled and adjusted, located and positioned properly, and connected to the amplifier. Failure to accomplish these steps correctly may result in distorted, or no sounds, or damage to your records and the tonearm stylus. Make certain steps 1 through 5 on pages 5 through page 8 in this operating instructions are completed properly prior to attempting to operate the turntable.

TURNTABLE FEATURES

■ AUTOMATIC LEAD IN

Automatically places the tonearm stylus on the lead in groove of the record when the PLAYBACK START/STOP switch is depressed.

■ AUTOMATIC REPEAT

When the REPEAT PLAYBACK switch is depressed, the record is automatically played over again until the switch is depressed again.

■ AUTOMATIC RETURN/AUTOMATIC CUT

At the end of record play, the tonearm is automatically returned to the arm rest. Depressing the PLAYBACK START/STOP switch during playback automatically returns the tonearm to the arm rest at that point.

■ QUICK PLAY/QUICK STOP

Fast turntable platter start up and stop.

■ ARM ELEVATION MECHANISM

Moving this lever back gently lifts the tonearm from the record groove; moving it forward gently lowers it back into the record groove.

■ ANTI-SKATING MECHANISM

Eliminates the natural tendency of the tonearm to skate across the record disc.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS — All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS — The safety and operating instructions should be retained for future reference.

HEED WARNING — All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS — All operating and use instructions should be followed.

WATER AND MOISTURE — The appliance should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

VENTILATION — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

POWER-CORD PROTECTION — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

CLEANING — The appliance should be cleaned. Only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.

NONUSE PERIODS — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

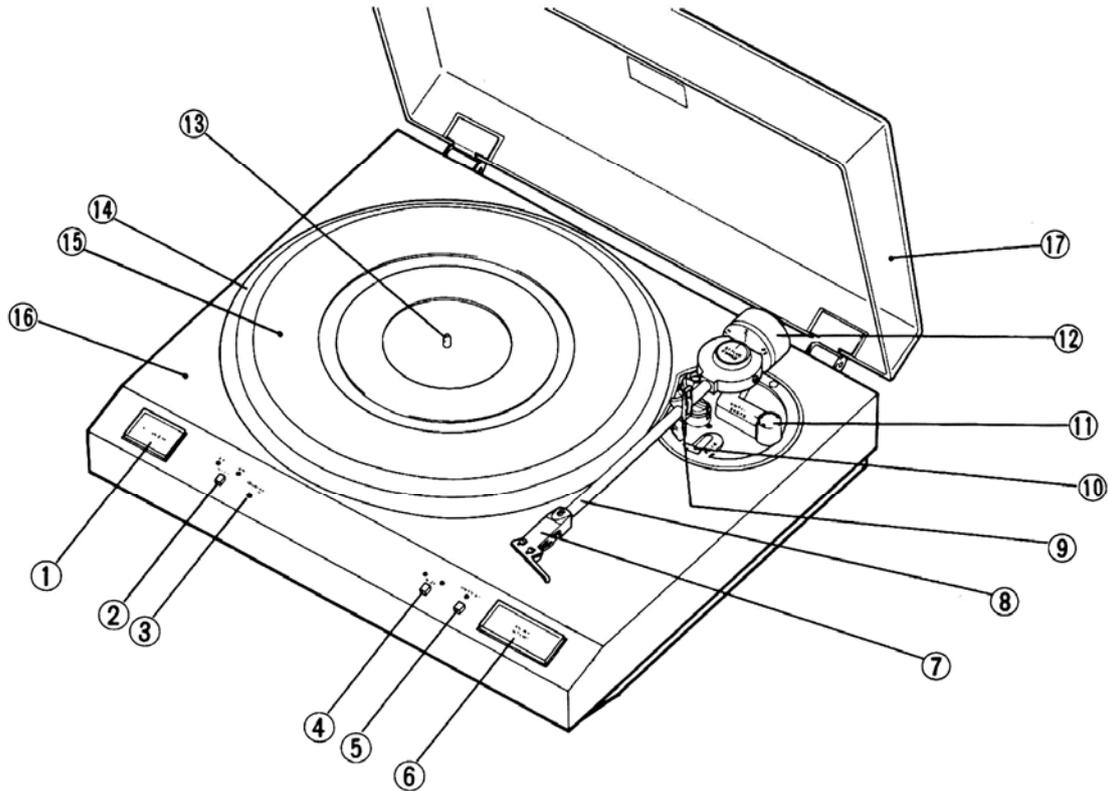
OBJECT AND LIQUID ENTRY — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

DAMAGE REQUIRING SERVICE — The appliance should be serviced by Pioneer authorized service center or qualified service personnel when:

- The power-supply cord or the plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped, or the enclosure damaged.

SERVICING — The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be contacted nearest Pioneer authorized service center.

PANEL FACILITIES



① POWER SWITCH (POWER)

Press this switch to turn power ON and OFF. When power is turned ON, the power lamp is illuminated; turning power OFF extinguishes the lamp.

② SPEED SWITCH (SPEED)

This switch is used to select turntable speed. The "33" lamp is illuminated for 33-1/3 rpm records, and the "45" lamp is illuminated for 45 rpm records.

③ QUARTZ LOCK INDICATOR (QUARTZ LOCK)

This lamp illuminates indicating accurate speed at 33-1/3 or 45 rpm.

④ RECORD SIZE SELECTOR SWITCH (SIZE)

This switch is used to select proper record size. The "30" lamp is illuminated when 30 cm LP record size is selected, and the "17" lamp is illuminated when 17cm EP record size is selected.

⑤ REPEAT PLAYBACK SWITCH (REPEAT)

Depressing this switch will cause the turntable to play the present record repeatedly. (See page 10 for detailed instructions.)

⑥ PLAYBACK START/STOP SWITCH (PLAY/STOP)

This switch is depressed to start automatic playback or to stop playback in the middle of a record. (See pages 9 and 10 for detailed instructions.)

⑦ HEADSHELL

⑧ TONEARM

⑨ ARM REST/CLAMP

Serves to support the tonearm and lock it in place. Always unlock the clamp prior to moving tonearm. (See page 6 for detailed instructions.)

⑩ ARM ELEVATION LEVER (ARM-ELEVATION)

Use this lever for manual operation, or to temporarily stop playback during the middle of a record. (See page 11 for detailed instructions.)

▼ (up) — raises tonearm

▼ (down) — lowers tonearm

⑪ ANTI-SKATING ADJUSTMENT KNOB (ANTI-SKATE)

Turn this knob to adjust anti-skating force. (See page 7 for detailed instructions.)

⑫ STYLUS TRACKING FORCE ADJUSTMENT WEIGHT

Rotate this weight to adjust vertical tracking force. (See page 6 for detailed instructions.)

⑬ CENTER SHAFT

⑭ PLATTER

⑮ RUBBER PLATTER MAT

⑯ CABINET

⑰ DUST COVER

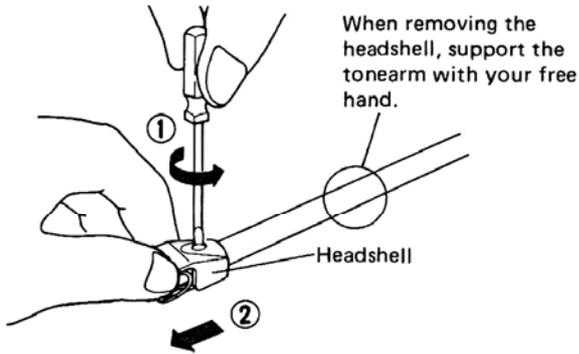
ATTACHING THE CARTRIDGE

This turntable does not include a cartridge. Attach a cartridge of your own being sure its weight is between 3 and 8 grams.

ATTACHMENT PROCEDURE

1. Remove the headshell from the tonearm

Loosen the headshell screw with a small screwdriver as shown and gently slide the headshell free.



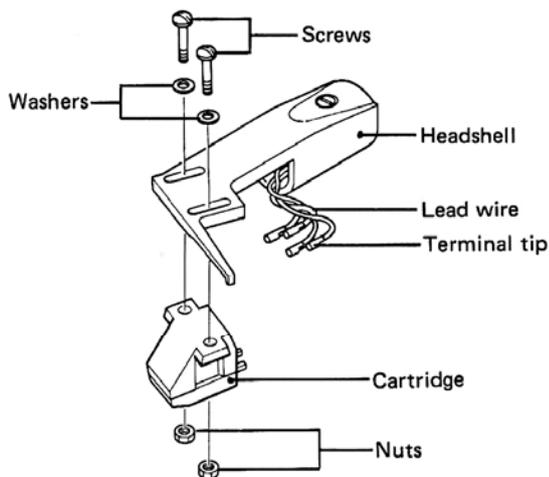
2. Connect the headshell lead wires to the cartridge

The wires are color coded in the following manner. Perform connections carefully so that there are no errors.

- Red: right channel (R)
- Green: right channel ground (RG)
- White: left channel (L)
- Blue: left channel ground (LG)

3. Attach the cartridge to the headshell

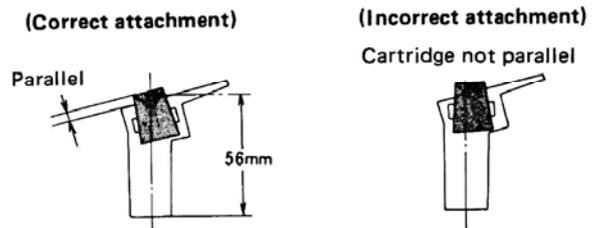
Attach the cartridge to the headshell using the cartridge attachment screws, washers and nuts included with the cartridge.



4. Adjust the cartridge position

Adjust the overhang and mounting angle in the following manner and then firmly tighten the cartridge attachment screws.

- (1) overhang adjustment — As shown in the diagram, adjust the distance between the stylus tip and base of the headshell so it is 56 mm.
- (2) mounting angle — As shown in the diagram, adjust the cartridge so it is parallel to the headshell.



5. Attach the headshell to the tonearm

Insert the headshell into the tonearm as far as it will go and tighten the headshell screw.

SETTING UP THE TURNTABLE

(Complete **STEP 1** through **STEP 5** before operating turntable.)

STEP 1 ASSEMBLY

(Do not plug in the power cord until all steps are complete.)

1. Check for Accessories

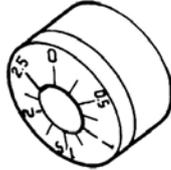
The accessory parts are enclosed in a molded styrofoam board.

EP adapter



Used for playing 45 rpm records.

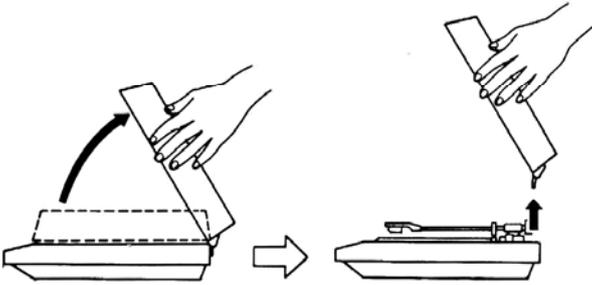
Stylus tracking force adjustment weight



Attach to the rear of the tonearm.

2. Remove the Dust Cover

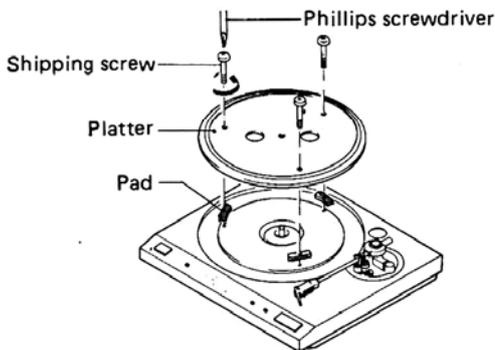
1. Open the dust cover to its fully open position.
2. Holding both sides of the cover, lift off the cabinet.



NOTE:
Do not place the dust cover where it will get scratched.

3. Remove the Shipping Screws

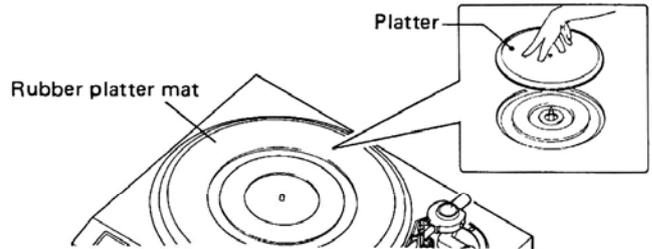
Using a Phillips screwdriver, remove the three screws securing the platter to the deck (turn screws counterclockwise) and take off the platter and pads.



NOTE:
Turntable will not operate unless screws are removed. Keep the screws and pads for future use whenever the turntable is shipped or moved any distance.

4. Install the Platter and Rubber Platter Mat

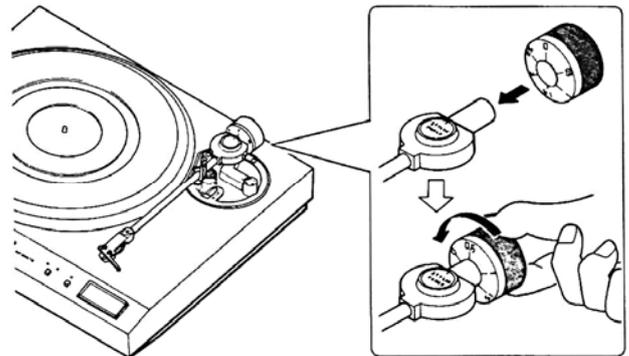
1. Place the platter over the turntable center shaft.
2. Place the rubber platter mat on the platter.



NOTE:
Do not bump the turntable center shaft, cabinet, or tonearm during platter installation.

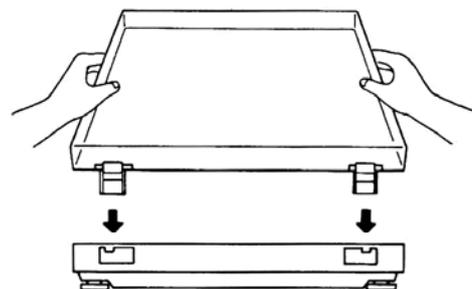
5. Mounting the Stylus Tracking Force Adjustment Weight

1. With the engraved side of weight facing forward (toward stylus end), slide the weight onto the rear tonearm shaft.
2. After the weight is started on the shaft, turn the rear portion (darkened portion in illustration) in the direction of the arrow two or three times.



6. Install the Dust Cover

1. Holding the dust cover by both sides, tip it back and insert its hinges into the cabinet hinge brackets.
2. Make certain the cover will close correctly.



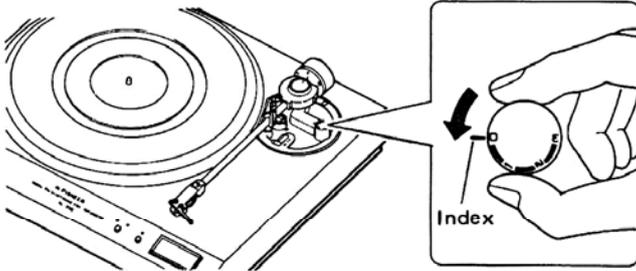
SETTING UP THE TURNTABLE

STEP 2 ADJUSTING STYLUS TRACKING FORCE

(Make this adjustment with turntable on a level surface.)

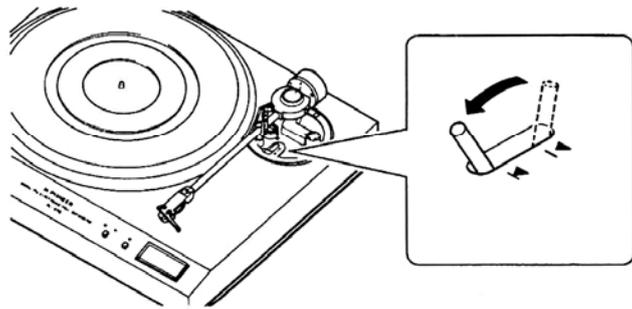
1. Set the Anti-skate Adjustment Knob to "0"

Turn the knob in the direction of the arrow and line 0 up with the index.

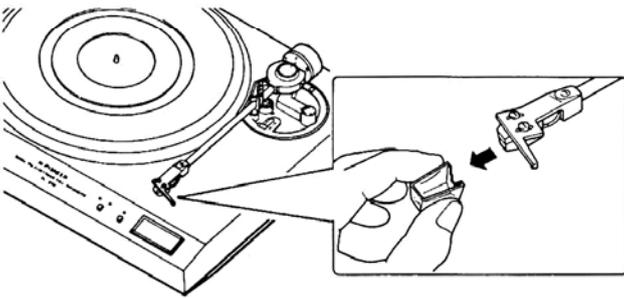


2. Place the Arm-elevation Lever to the Down (∇) position

Bring the lever all the way forward.

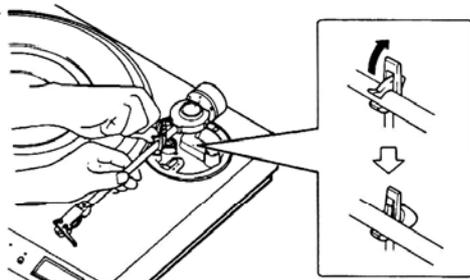


3. Remove the Stylus Cover



4. Unclamp the Arm

Use your thumb to move the clamp in the direction of arrow. Support the tonearm with your other hand to prevent it from moving.



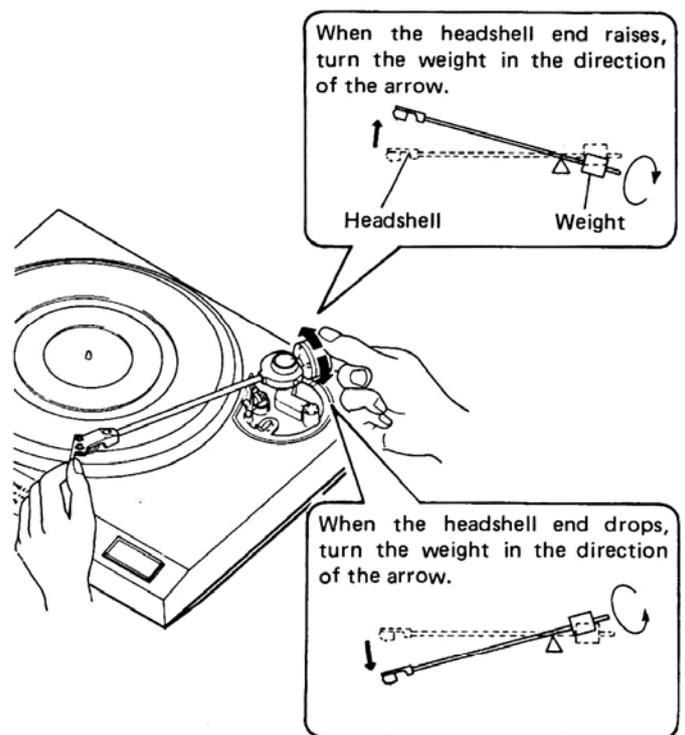
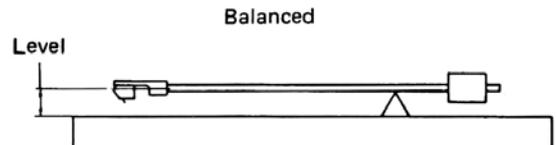
5. Move the Tonearm

Move the tonearm from the arm rest/clamp and position over the platter.

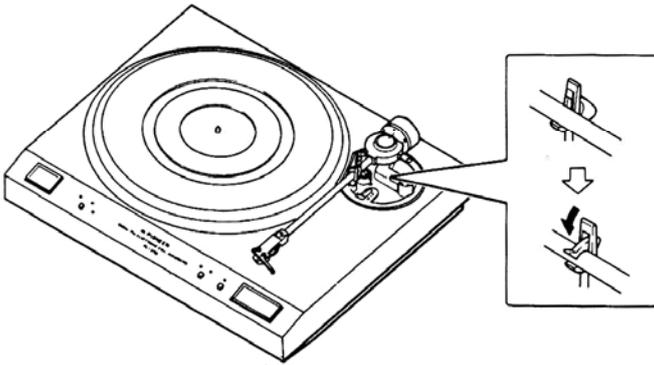


6. Balancing the Tonearm

Turn the weight portion of the stylus tracking force adjustment weight in the direction of the arrows until the tonearm will remain in a balanced position over the turntable with no hand support.

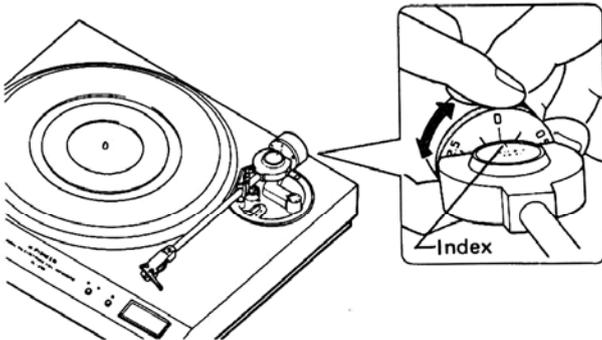


7. Secure the tonearm with the clamp



8. Zero (0) the Stylus Tracking Force Graduation Ring

Turn the graduated ring portion (darkened portion in illustration) of the stylus tracking force adjustment weight in either direction until the 0 lines up with the index.



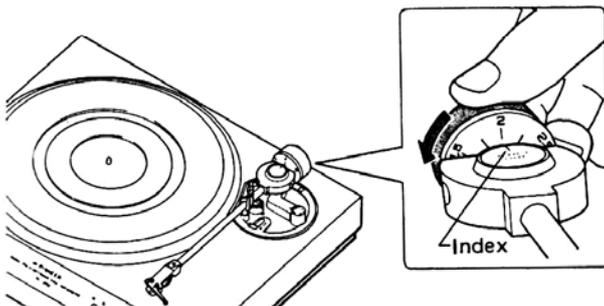
NOTE:

Support the weight portion with your other hand so that it will not turn with the ring. If the weight portion turns, go back and repeat sub-steps 6. and 7. over again.

9. Set Stylus Tracking Force

Rotate the weight (darkened portion) in the direction of the arrow (the tracking force scale ring will also rotate) until the correct tracking force value on the scale ring is aligned with the index line on the tonearm.

(For example, if the correct tracking force is 2 grams, align the "2" on the scale ring with the index line.)

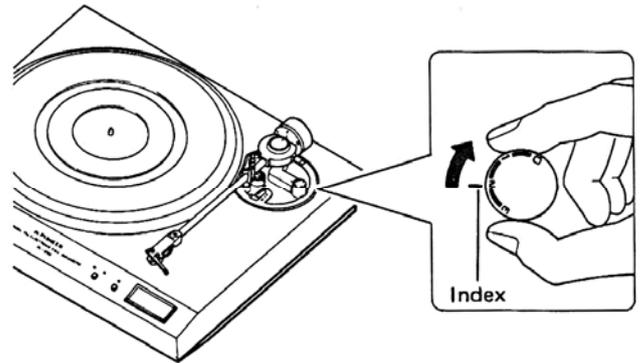


Each graduation on the ring represents 0.25g.
One revolution of the weight equals 3g.

STEP 3 ADJUSTING THE ANTI-SKATING MECHANISM

Set the Anti-skating Adjustment Knob

Rotate the anti-skating control in the direction of the arrow until the same value as the tracking force is aligned with the index line. (For example, when 2 grams of tracking force is applied, set the dial to "2".)



Precautions in adjusting stylus tracking force

- Always adjust stylus tracking force to the recommended value for the cartridge you are using.

Improper tracking force can result in the following:

- Tracking force too high — Distortion.
Cartridge body rides too low, bumping record surface.
- Tracking force too low — Distortion.
Skipping.

- Adjust stylus tracking force with the anti-skating adjustment knob set to "0".

When set to any value except "0", the anti-skating mechanism pulls the tonearm to the right (toward the arm rest) making it difficult to balance the tonearm. There may be a slight bit of movement even with it set on "0", but this is due to the sensitivity of the tonearm mechanism, not a defect.

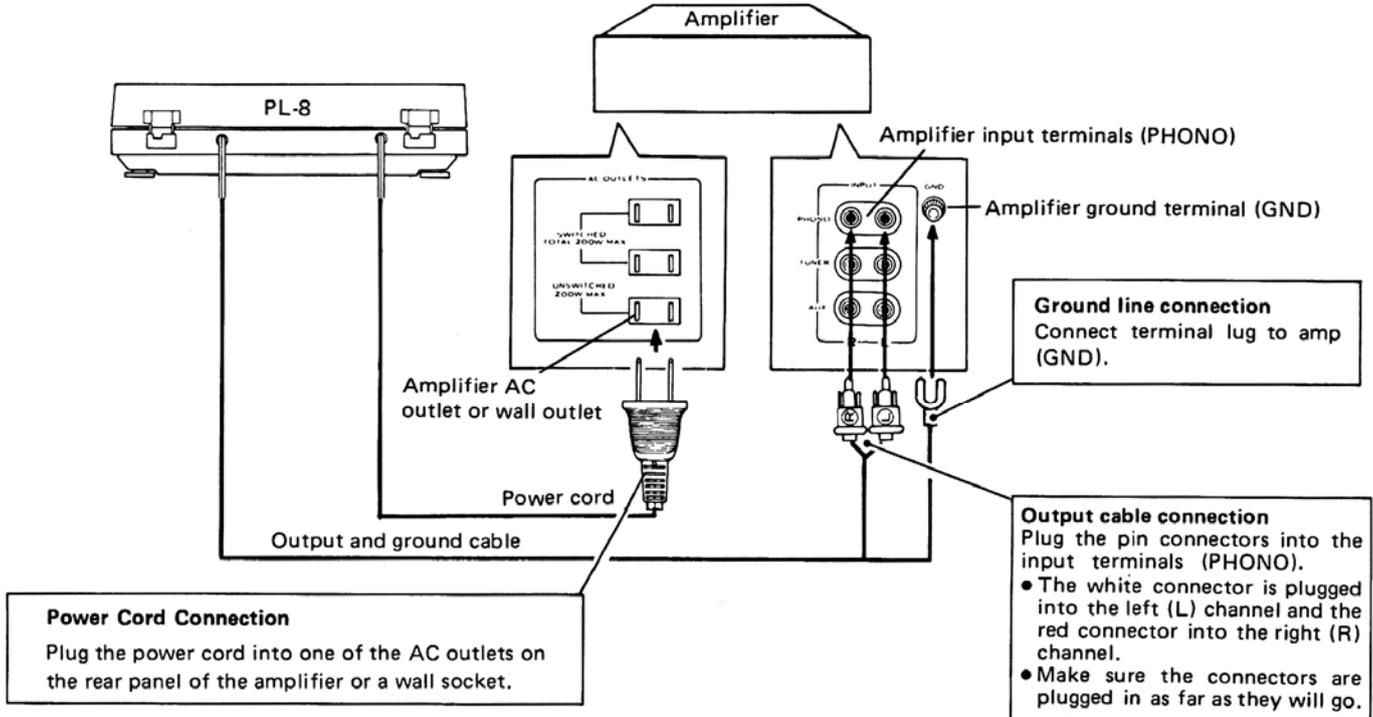
Precautions in adjusting anti-skating

- Anti-skating should be adjusted to the same value as stylus tracking force.

An unmatched adjustment can result in the following:

- Anti-skating too high — Distortion.
— Tonearm is pulled off record.
- Anti-skating too low — When the tonearm is lowered to the record surface, it slides toward the center of the record.

STEP 4 CONNECTING TO AMPLIFIER



STEP 5 TURNTABLE LOCATION

Proper location for the turntable is more important than for any other stereo component. The following rules must be observed for good system operation.

- Make sure that location is level and flat.
- Locate where vibrations from the floor or outside sources will not be transmitted to turntable.
- Do not place where it will pick up vibrations from the speaker system. (Do not place in front of, or directly over speaker system.)
- Place where controls are easy to operate, and where the record and stylus is easily visible.
- Place near the amplifier so relatively short connection cables can be used.
- Do not place in direct sunlight or near a stove or furnace.
- Do not locate turntable in a dusty or dirty or excessively humid environment.

Connection and placement precautions

- **Faulty connection and bad location problems.**
 - Connecting the unit wrong will result in no sound output. Also, if the output cable connectors are not fully inserted into the terminal sockets, or the ground wire is not connected, hum from the speaker will result.
 - The turntable in a tilted position will result in distortion and tonearm skating. Vibrations transmitted to the turntable will cause the stylus to skip or waver and can also produce howling. (Loud, low frequency static from speaker system.)
- **Be sure to connect the turntable to the correct amplifier input terminals for the cartridge being used.**
 - If the cartridge is an MM type (moving magnet), connect the turntable to the amplifier PHONO MM terminals.
 - If the cartridge is an MC type (moving coil), connect the turntable to the amplifier PHONO MC terminals. If your amplifier does not have PHONO MC terminals, you must use an MC step-up transformer or head amp. For details, refer to the cartridge or amplifier instruction manual.
- **Make sure all connection cables have slack.**
After connection, check each cable for slack. If they are stretched taut, this can cut the cable leading to howling.

OPERATING INSTRUCTIONS



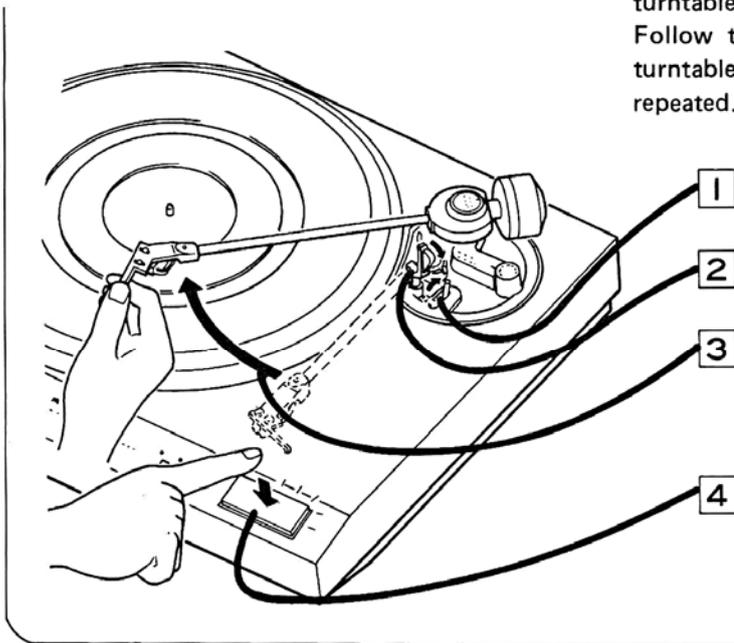
Are the shipping screws removed?



Is stylus tracking force properly adjusted?

The first time you use the turntable

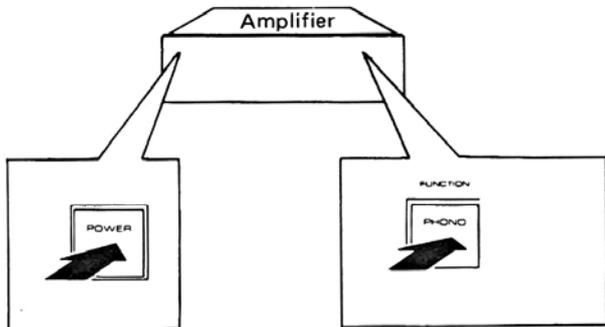
Shipping may have resulted in some of the mechanisms of the turntable not performing to design specifications. Follow the below listed procedure the first time you use the turntable to reset all mechanisms. The procedure need not be repeated.



- 1 Place the arm-elevation lever to the ∇ (up) position.
- 2 Release the arm clamp.
- 3 Move the tonearm by hand.
 - The platter should start rotating.
 - Let go off the tonearm.
- 4 Depress the **PLAYBACK START/STOP** switch. Within a few seconds after the switch is depressed, the tonearm should automatically return to the arm rest/clamp and the platter should stop.

PREPARATIONS

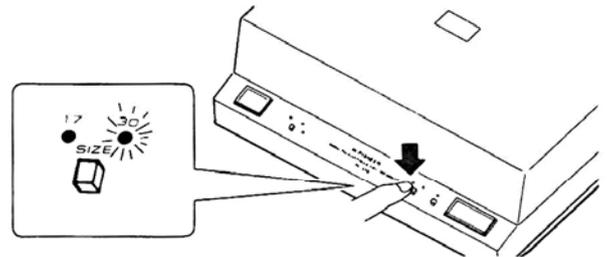
1. Place the amplifier in the record play mode



- Turn the power ON.
- Set the selector switch to PHONO.

AUTOMATIC PLAYBACK (AUTO PLAY)

1. Set the proper record size with the selector switch



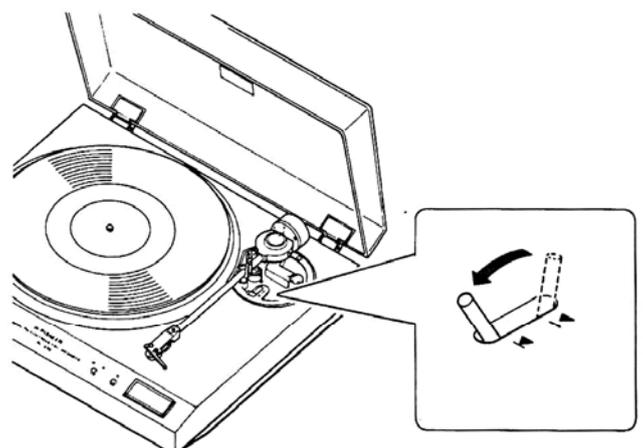
Depress the record size selector switch (SIZE) until the proper lamp (30 or 17) is illuminated.

Most LP records are played on 30, and EP (45 rpm) records should be set to 17.

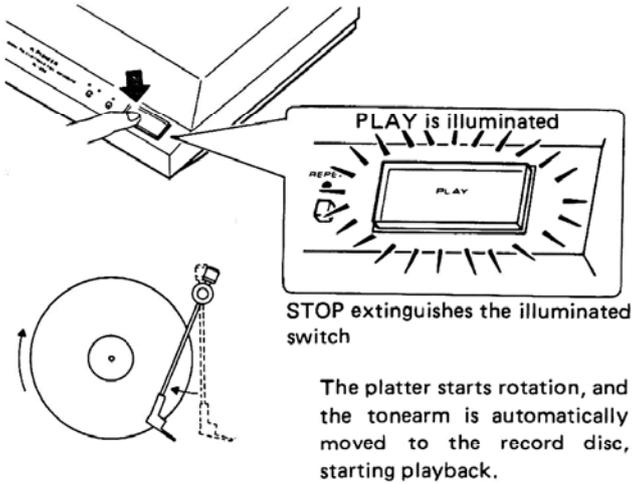
2. Set up the turntable

- Depress the power switch. The letters on the power switch should be illuminated.
- Place the record disc on the turntable platter.
- Release the arm clamp.
- Remove the stylus cover.
- Set turntable speed to 33 or 45. Make sure the proper speed lamp is illuminated.

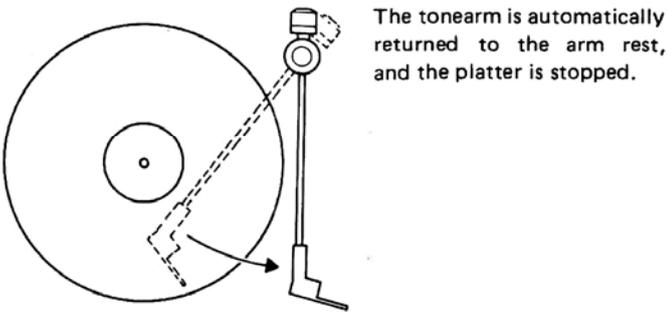
2. Place the arm-elevation lever in the ∇ (down) position



3. Starting playback by depressing the playback start/stop switch



4. Stopping playback



REPEAT PLAYBACK (REPEAT PLAY)

1. Set the record disc size by depressing the record size selector switch

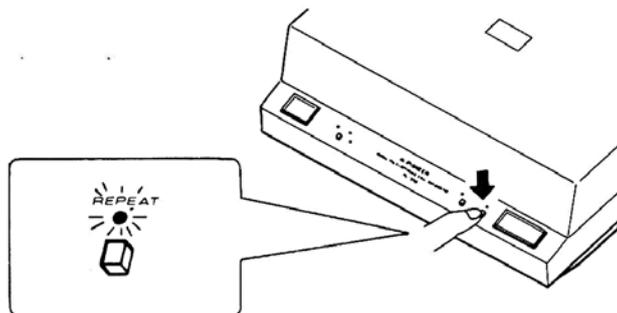
Procedure same as for auto play.

2. Place the arm-elevation lever to the ▼ (down) position

Procedure same as for auto play.

3. Depress the playback repeat switch (REPEAT)

The lamp above the switch will illuminate.

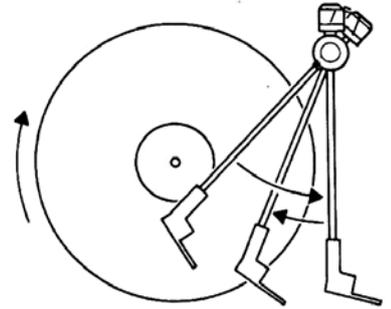


4. Start playback by depressing the playback start/stop switch

This will start automatic playback.

5. At end of record, playback will be repeated

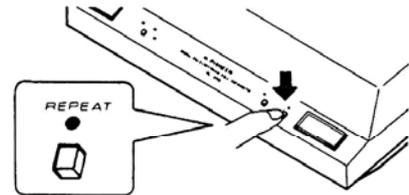
At the end of record playback, the tonearm will automatically return to the lead-in groove at the beginning of the record and play the record over.



This operation will be repeated over until repeat playback is stopped.

■ Stopping repeat playback

Depressing the playback repeat switch again (extinguishing lamp) will cause the tonearm to automatically return to the arm rest, stopping platter rotation.

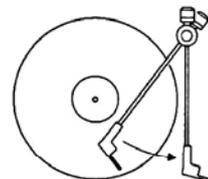
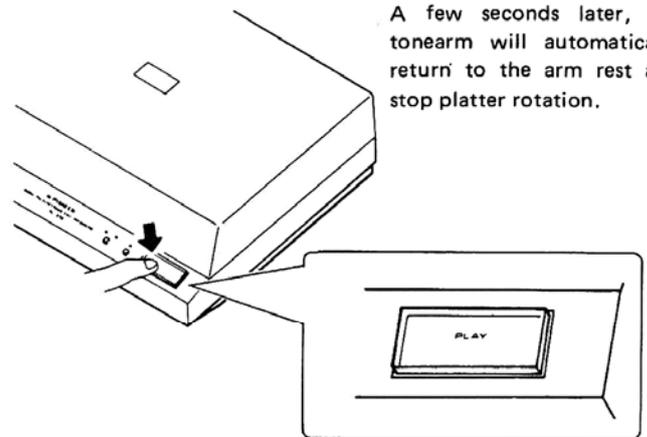


STOPPING THE TURNTABLE DURING PLAYBACK

Two methods may be used.

■ Depress the playback start/stop switch

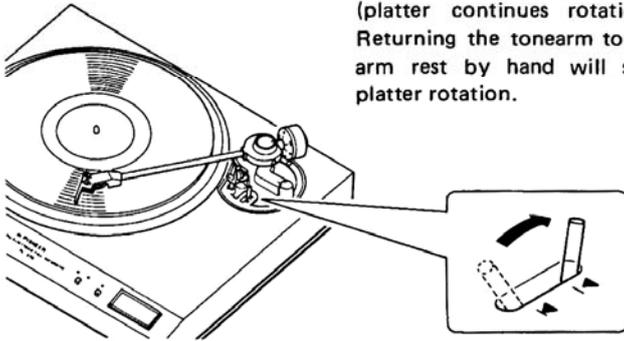
A few seconds later, the tonearm will automatically return to the arm rest and stop platter rotation.



NOTE:
When the playback repeat switch has been depressed, the tonearm will return to the arm rest, then repeat playback.

- Place the arm-elevation lever to the ▼ (up) position

The tonearm moves up off the record disc stopping playback (platter continues rotation). Returning the tonearm to the arm rest by hand will stop platter rotation.



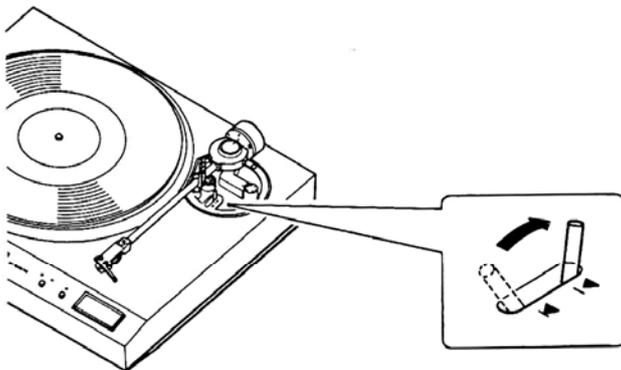
After the tonearm is returned to the arm rest by hand, always return the arm-elevation lever to the ▼ (down) position.

MANUAL PLAYBACK (MANUAL PLAY)

Used in the following instances:

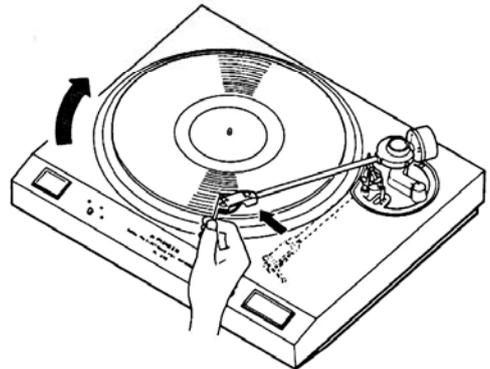
- When starting playback in the middle of a record.
- When a non-standard size record disc is played.

1. Place the arm-elevation lever to the ▼ (up) position



2. Move the tonearm to the record disc by hand

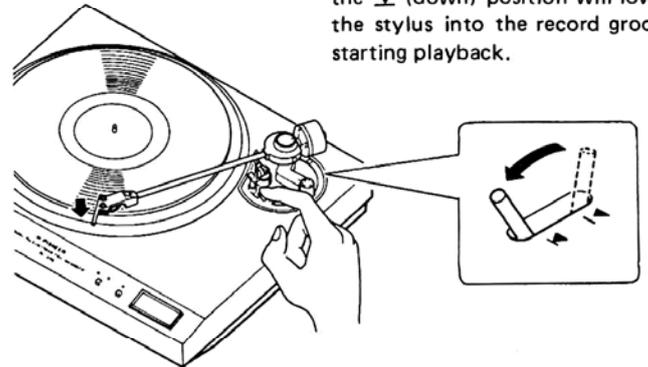
Place the stylus over the groove directly in front of the song you want to play and release the finger lift.



- The platter will start rotation.
- The stylus will still be off the record and no sounds will be reproduced.

3. Start playback. (Place the arm-elevation lever in the ▼ (down) position.)

Placing the arm-elevation lever to the ▼ (down) position will lower the stylus into the record groove starting playback.



(When the record ends, the tonearm will automatically return to the arm rest.)

Playback precautions

■ **Tonearm doesn't lower in the right position on the record.**

During automatic playback, the tonearm doesn't travel far enough onto the record before lowering, or travels too far and starts playback in the middle of a song. In cases like this, adjust tonearm lowering position referring to "Adjusting the tonearm lowering position" described below, the appropriate section on page 12.

■ **Tonearm will not automatically return.**

When a non-standard size record is played, sometimes the tonearm will not return when playback is completed, or will return too soon. When the tonearm will not return automatically, depress the playback start/stop switch to return it.

■ **Open and close the dust cover carefully during playback.**

During playback, avoid opening and closing the dust cover as much as possible. When it must be opened and closed, avoid shaking the turntable or slamming the cover.

■ **Clean the record disc and stylus before and after use. (Refer to page 13.)**

- Dirt and dust on the record or stylus will result in sound distortion and skipping.
- Clean the stylus with a soft brush and clean the record disc with a good quality commercial record cleaner.

■ **Place one record at a time on the platter.**

Placing more than one record at a time on the platter will change the vertical tracking angle of the stylus, resulting in sound distortion.

■ **Maintain stylus tracking force within recommended range.**

- Operate the turntable only with the tracking force set to within the designated range for the cartridge in use.
- When playing back a record recorded at an extremely high recording level (all other records seem to be ok, but this one will not track properly (skips), or when using the turntable at low ambient temperature, adjust stylus tracking force to its highest recommended value.

■ **Do not vibrate or handle the turntable unnecessarily during playback.**

This can cause skipping and result in the stylus damaging the record. Be particularly careful not to touch the rotating platter or the tonearm when it is moving in the automatic mode. This can damage the operating mechanism.

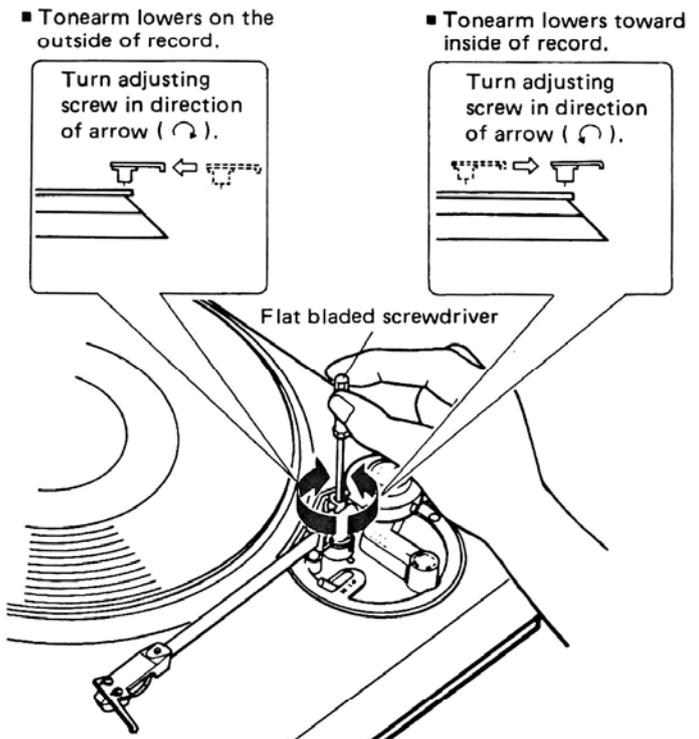
■ **Do not forcefully move the tonearm by hand.**

The design of the turntable limits tonearm travel to the turntable center shaft. Forcing the tonearm past the center shaft will result in damage to the internal mechanism.

ADJUSTING THE TONEARM LOWERING POSITION

When the tonearm doesn't lower in the right position during automatic playback, adjust according to the following procedures. (Be careful not to damage the record disc with the stylus while making this adjustment.)

1. Place a 30cm record on the platter.
2. Depress the playback start/stop switch and start automatic playback. Note the direction and amount that the lower position is off.
3. Depressing the playback start/stop switch, return the tonearm to its rest.
4. When the platter stops rotating, locate the adjusting screw inside the adjustment hole.
5. Using a small flat bladed screwdriver, refer to the illustration at right and adjust as follows:
 - When the stylus lowers to the outside of the record, turn the screw clockwise (↻).
 - When the stylus lowers too far to the inside of the record, turn the screw counterclockwise (↺).
6. Depress the playback start/stop switch and check the adjustment. If the lowering position is still off, repeat steps 3. through 6. above.



MAINTENANCE

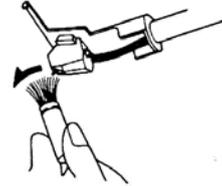
TURNTABLE CARE

Cabinet and dust cover care

- **Dusting and cleaning.**
Wipe the unit gently with a polishing cloth or dry, soft cloth.
- **Heavily soiled areas.**
Dip a soft cloth in a solution containing a non-detergent soap diluted to a 1/5 or 1/6 ratio. Wring the cloth out thoroughly and wipe the unit down. Finish by polishing with a soft, dry cloth.
- **No chemicals or furniture wax.**
Do not use furniture wax, commercial cleaners, thinner, or benzine to clean the unit. These will remove or discolor the surface finish.
- **No insecticides.**
Insecticides will discolor and stain the surface finish.

Stylus care

- **Use a soft brush.**
Clean the stylus stroking from the rear of the holder toward the front. Cleaning the stylus with your finger tip can destroy the stylus.



- **Stylus too dirty to be cleaned with a brush.**
The stylus may be cleaned using a commercial stylus cleaner. However, take care not to get any of the liquid on the plastic parts of the cartridge. Some cleaners can dissolve plastic.

TROUBLESHOOTING

Sometimes, an operational fault can be mistaken for a malfunction or failure. Check the following points and see if you can find the symptoms of the trouble below before you get in touch with the serviceman. If you cannot locate the symptoms, contact your nearest Pioneer dealer.

| Symptom | Cause | Remedy |
|--|---|---|
| Turntable platter won't turn | <ol style="list-style-type: none"> 1. Power cord unplugged 2. When the AC OUTLET (SWITCHED) on the amplifier is used | <ol style="list-style-type: none"> 1. Plug power cord into wall outlet 2. Turn the amplifier power switch ON |
| No sound | <ol style="list-style-type: none"> 1. Output cable connection incomplete 2. Cartridge lead wire connection incomplete (when cartridge or stylus is replaced) 3. Pin connectors or amplifier input terminals dirty | <ol style="list-style-type: none"> 1. Firmly plug the pin connector into the amplifier PHONO terminal 2. Make connection properly (refer to page 4) 3. Clean |
| Distortion, skipping, noise, scratching | <ol style="list-style-type: none"> 1. Stylus tracking force incorrect 2. Stylus dirty or worn 3. Record disc warped or scratched 4. Pin connectors or amplifier input terminals dirty 5. Cartridge installed at angle 6. Too much anti-skating force 7. Record disc dusty or dirty | <ol style="list-style-type: none"> 1. Set tracking force correctly (refer to page 6) 2. Clean stylus 3. Discard record 4. Clean 5. Install correctly (refer to page 4) 6. Set anti-skating to match tracking force (refer to page 7) 7. Clean record |
| Howling (Occurs when the sound volume is increased during playback resulting in a loud howling noise) | <ol style="list-style-type: none"> 1. Speaker vibration transmitted through the floor and picked up by the cartridge 2. Sounds from the speaker directly transmitted to cartridge | <ol style="list-style-type: none"> 1. Insulate the speaker from the floor (with a rug or pad) Place the turntable on a sturdy stand 2. Change turntable location |
| Sound too fast or too slow | Speed selector switch at wrong speed | Set to correct speed for record |
| Hum (humming noise from speaker system) | <ol style="list-style-type: none"> 1. Output cable or ground wire connection incomplete 2. System affected by magnetic flux leakage from amplifier transformer (or another source) | <ol style="list-style-type: none"> 1. Make a good connection to the amplifier PHONO terminal or GND terminal 2. Change the position of the amp or turntable |
| Will not move to lead-in groove (tonearm won't move in automatic playback mode) | Tonearm clamp locked | Release clamp |
| Tonearm sets down in wrong position (auto play) | <ol style="list-style-type: none"> 1. Tonearm lowering position adjustment off 2. Record size selector switch on wrong size | <ol style="list-style-type: none"> 1. Adjust referring to page 12 2. Select correct size for record being played |

If the turntable is brought into a warm room from previously cold surroundings, or if the room temperature rises suddenly, moisture will form on the operating sections and the turntable will not be able to display its performance to the full.

In a situation like this, leave the turntable in its new environment for about an hour, or try and increase the room temperature gradually, before operation.

SPECIFICATIONS

Motor and Turntable

Drive System Direct-drive
Motor Quartz PLL Hall motor
Turntable Platter . . . 320mm diam. aluminum alloy die-cast
Speeds 33-1/3 and 45rpm
Wow and Flutter Less than *0.012% (WRMS)
0.025% (WRMS)
0.035% (DIN)

Values marked with an “*” designate the wow and flutter for motor, and do not include the cartridge or tonearm load.

Signal-to-Noise Ratio More than 78dB (DIN-B)
(with Pioneer cartridge model PC-3MC)

Rotational Characteristics

Build-up Time Within 120° rotation at 33-1/3rpm
Speed Deviation Less than 0.002%
Speed Drift Less than 0.00008%/h at 33-1/3rpm
Less than 0.00003%/degree temp. change at 33-1/3rpm

Tonearm

Type Static-balance type, Straight pipe arm
Effective Arm Length 221mm
Overhang 15.5mm
Usable Cartridge Weight 3g (min.) to 8g (max.)

Subfunctions

Auto lead-in
Auto-return
Auto cut
Auto repeat
Quick play
Quick stop
Anti-skating force control
Stylus tracking force direct-readout counterweight
Cueing device
Free stop hinges

Miscellaneous

Power Requirements AC 120V, 50, 60Hz
Power Consumption 15W
Dimensions 420(W) x 114(H) x 395(D)mm
16-9/16(W) x 4-1/2(H) x 15-9/16(D) in.
Weight 6.2kg/13lb 10oz

Accessories

EP Adapter 1
Operating instructions 1

NOTE:

Specifications and design subject to possible modification without notice, due to improvements.

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