

Vesta FIRE

Active Audio Turntable

PETIT POP

OWNER'S MANUAL

Petit Pop is not designed
for scratch play.

CONGRATULATIONS!

Thank you for purchasing the VestaFIRE Petit Pop, Belt Drive Turntable. Please read this owner's manual carefully before you start to use yours in order to fully understand all of the special features.

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CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



**CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH BLADE OF PLUG TO WIDE SLOT, FULLY INSERT

ATTENTION : POUR EVITER LES CHOCs ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND

IMPORTANT SAFEGUARDS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read instructions-All the safety and operating instructions should be read before the appliance is operated.
2. Retain instructions-The safety and operating instructions should be retained for future reference.
3. Heed Warnings-All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions-All operating and use instructions should be followed.
5. Cleaning-Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments-Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture-Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. Accessories-Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. Ventilation-Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. Power sources-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.
11. Grounding or Polarization-This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If this should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
12. 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.
13. Protective Attachment Plug-The appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
14. Lightning-For added protection for this product during lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
15. Overloading-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
16. Object and Liquid Entry-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
17. Servicing-Do not attempt to service product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.
18. Damage Requiring Service-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power-supply cord or plug is damage.
 - b. If liquid has been spilled or objects have fallen into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e. If the product has been dropped or cabinet has been damaged.
 - f. When the product exhibits a distinct change in performance-this indicates need for service.

● FEATURES

■ PHONO-AMP BYPASS SWITCH

Included high quality phono amplifier allows you to connect the PETIT POP to any line level input jack of your mixer or preamplifier. Phono inputs are hard to find on modern stereo systems but they are not needed to use the PETIT POP.

■ TWO STEREO HEADPHONE JACKS

Two stereo headphone jacks are provided for regular ($\phi 6.3$) and portable ($\phi 3.5$) type headphones. Two sets of the headphones can be used simultaneously.

■ AUTO-RETURN FUNCTION

When the record has played to the end, the tonearm returns to the armrest automatically.

■ SPEED SELECT BUTTON

Two speeds, 33 1/3rpm and 45rpm are provided. Speed is selected by a single quick action switch.

● NOTES

1. Before detaching or attaching the headshell, be sure to turn the power of the amplifier or mixer to the OFF position.
2. Detaching or attaching of the headshell with the volume control up may cause damage to the speakers.
3. Do not turn on the turntable with the platter removed.
4. When playback is finished, use the tonearm clamp to secure the tonearm in rest position. If the unit is not to be used for some time, the stylus protector should be used as well.
5. The headshell terminals must remain clean to avoid "hum" noise or intermittent sound. Use a soft dry cloth to remove dust or dirt.
6. Dust and dirt must be removed from stylus tip and record surface. Failure to do so may cause undue wear of the record or stylus, and deterioration of tone quality.
7. When transporting the unit it is suggested that the original packing materials are used and handled with care. If packing materials are not available, first remove the platter and wrap it separately. Make sure tonearm is seated in rest with clamp fastened and a twist tie is recommended for further security. The balanceweight and headshell should be removed and wrapped separately. The turntable should then be wrapped in bubble wrap, blanket, soft paper or other packing material.
8. ACOUSTIC FEEDBACK AND HUM : Feedback usually occurs when the vibrations from the speakers are picked up by the sensitivity of the cartridge. To avoid this phenomenon, the speakers should be placed as far away from the turntable as possible. Also, it is recommended to use the most solid base available for turntable support and isolation. Hum may be caused by appliances that use thermostats or transformers and the greatest distance possible from these sources is recommended.

19. Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock or other hazards.

20. Safety Check-Upon completion of any service or repairs to product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

21. Carts and Stands-The appliance should be used only with a cart stand that is recommended by manufacturer.

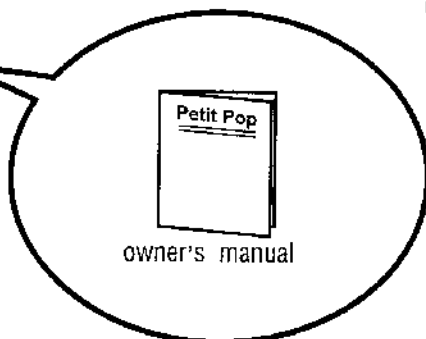
22. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



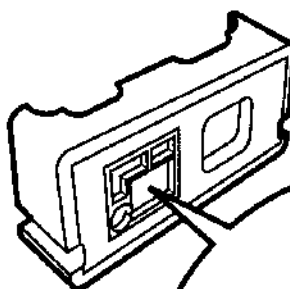
● BEFORE USE

■ CHECKLIST OF PARTS:

This unit includes the following parts.



owner's manual



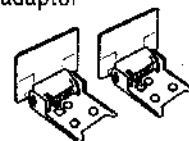
cartridge / headshell



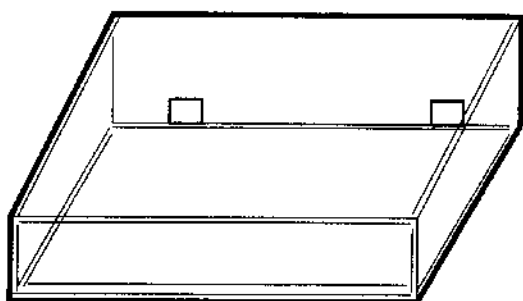
EP adaptor



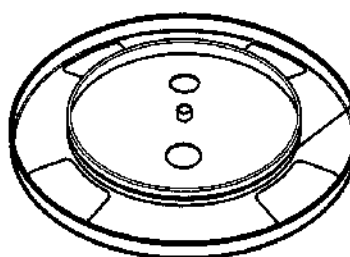
balance weight



hinge assembly (1set)

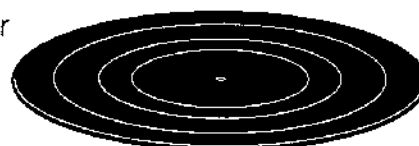


dust cover



turntable platter

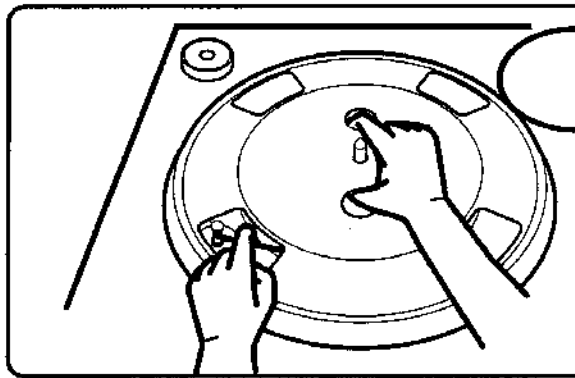
drive belt



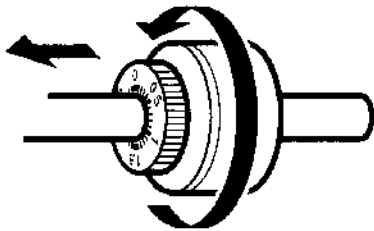
rubber mat

CAUTION : NEVER connect the AC power cord until assembly is complete.

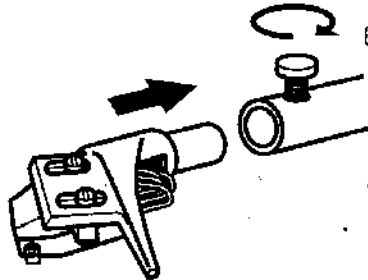
● ASSEMBLY AND SET-UP



1. Place the turntable platter onto the center spindle.
2. Pull the drive belt from the center ring on the turntable platter over the motor pulley. Be careful not to twist the belt. (see illustration)
3. Rotate the turntable platter by hand to ensure proper seating of the belt.
4. Place the rubber mat on the turntable platter.



5. Slide balanceweight onto rear of tonearm with the number scale facing the cartridge end. Twist lightly to screw into position.



6. Insert the headshell into front end of tonearm and hold in place while the shell locking nut is tightened. Please do not use too much force when tightening.

7. Push the dust cover into the hinge assembly on the rear of the turntable unit.

● ADJUSTMENT

■ Adjustment of Horizontal Zero (0) Balance

1. Release the tonearm clamp.
2. Allow tonearm to float freely and adjust balanceweight until tonearm is level. This is the zero position.

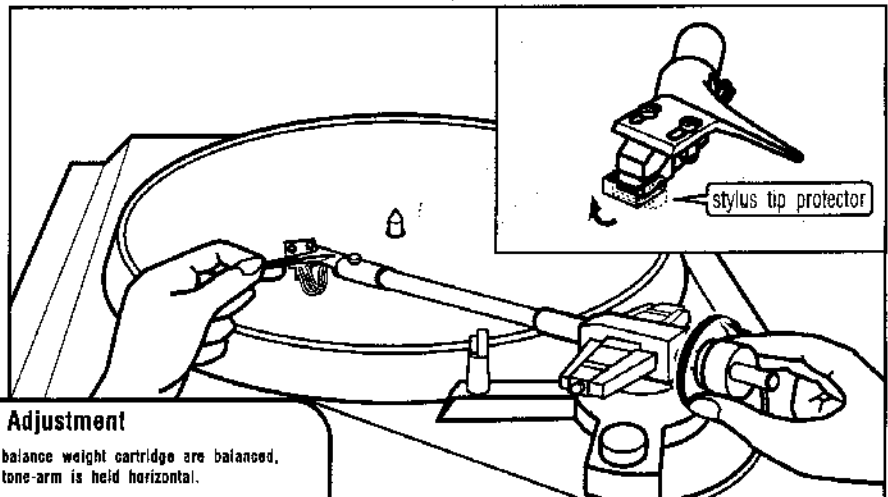
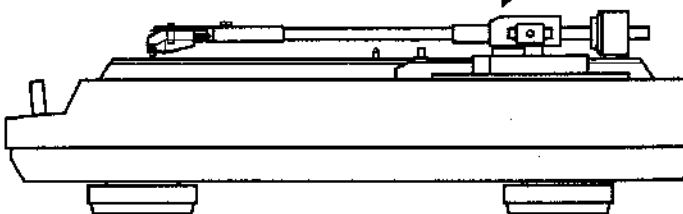


Illustration of Adjustment

- a) ○ The balance weight cartridge are balanced, the tone-arm is held horizontal.
- b) ✗ Excessive forward advancement of the balance weight causes the cartridge side to be lowered.
- c) ✗ Excessive backward re-treatment of the balance weight causes the cartridge side to be raised.

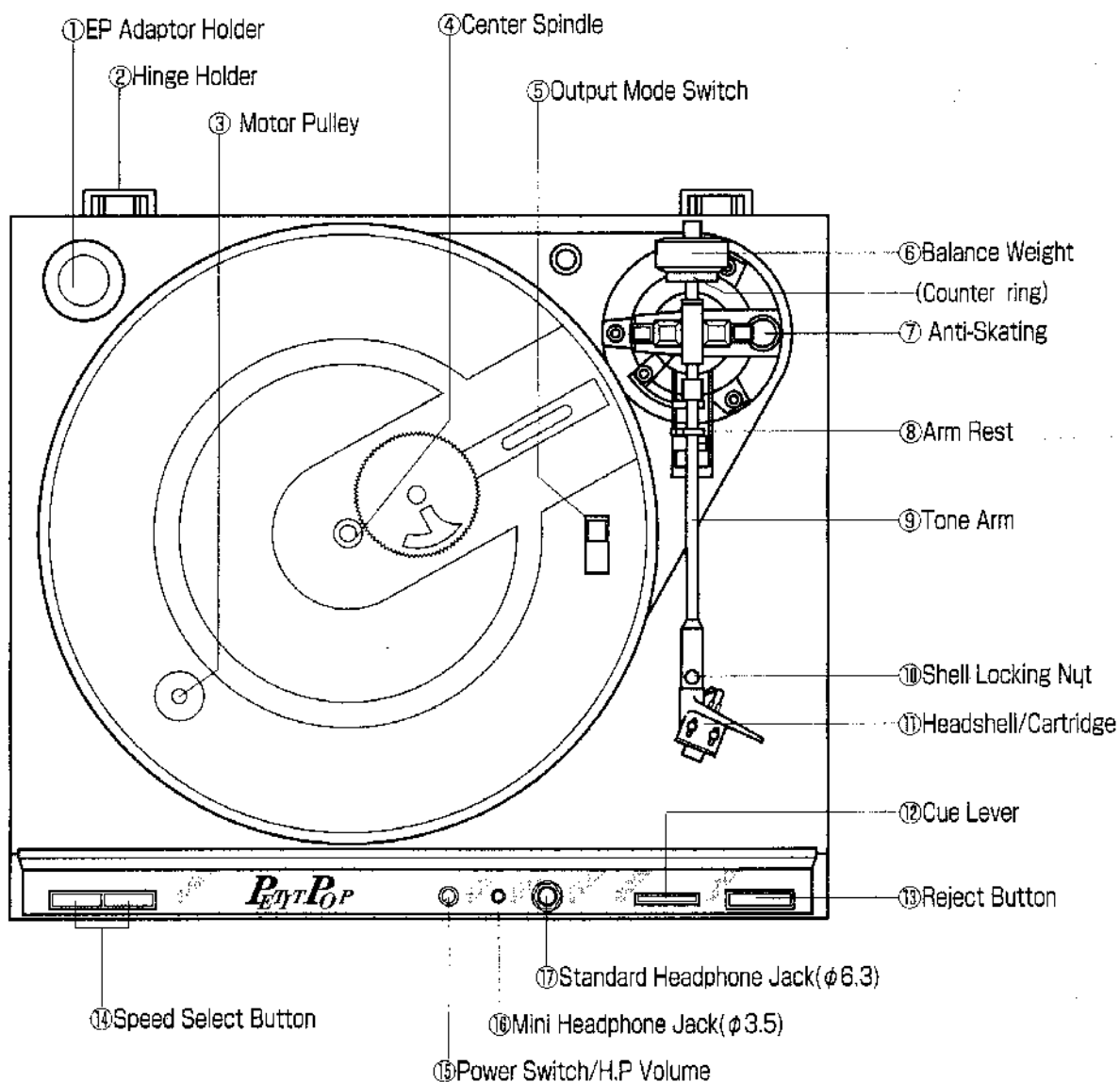
3. Return the tonearm to the armrest.



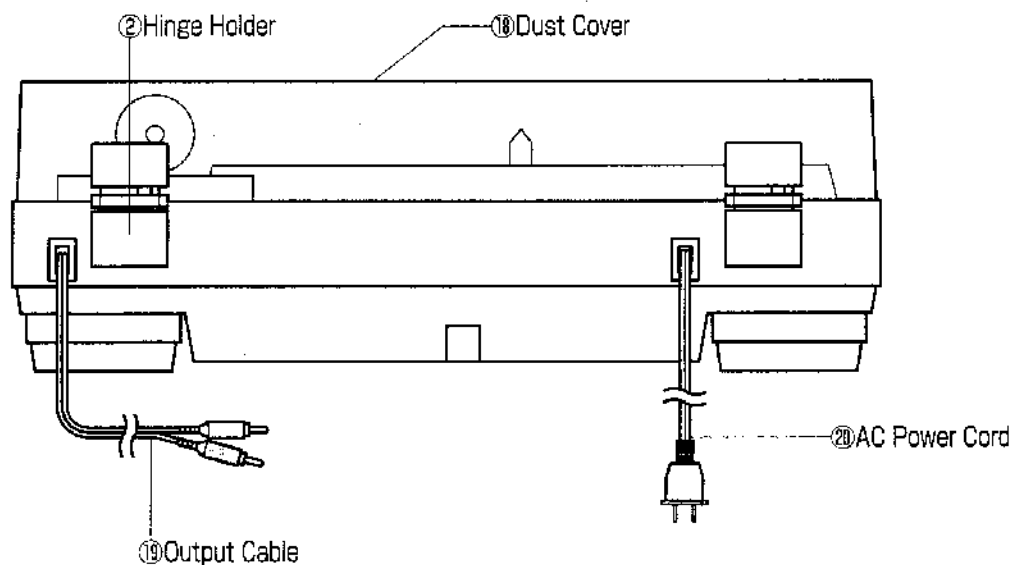
Note: When you adjust the zero position, do not bump stylus tip to this unit.

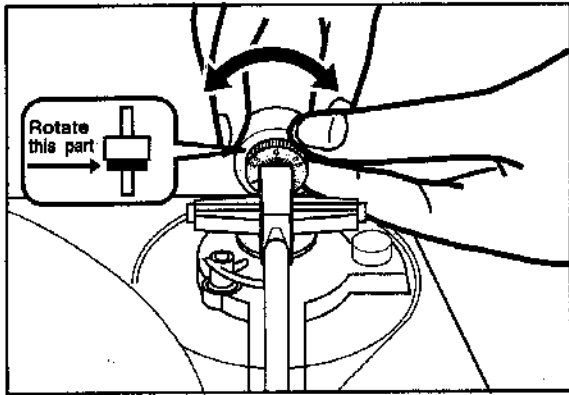
● EACH PARTS NAME

■ FRONT



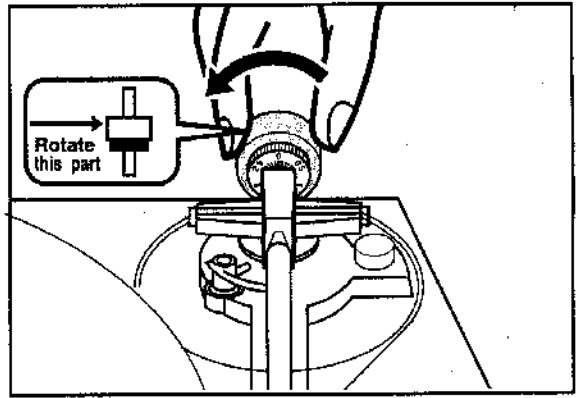
■ REAR





4. While holding the balanceweight steady, rotate the numeric disc on the front of the balanceweight until the center line marker and the "0" meet. Now that the zero point is set the stylus pressure is represented by the numbers on the dial.

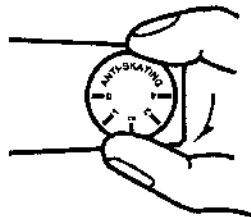
Note: In case the balanceweight is moved, do the adjustment of horizontal zero balance again.



5. Rotate the balanceweight from zero to the manufacturer's recommended stylus pressure. (the proper stylus pressure of attached cartridge is 2gram)

Note: Exceeding stylus pressure recommendations may cause skipping and/ or reduce stylus life.

■ Adjustment of Anti-skating Control

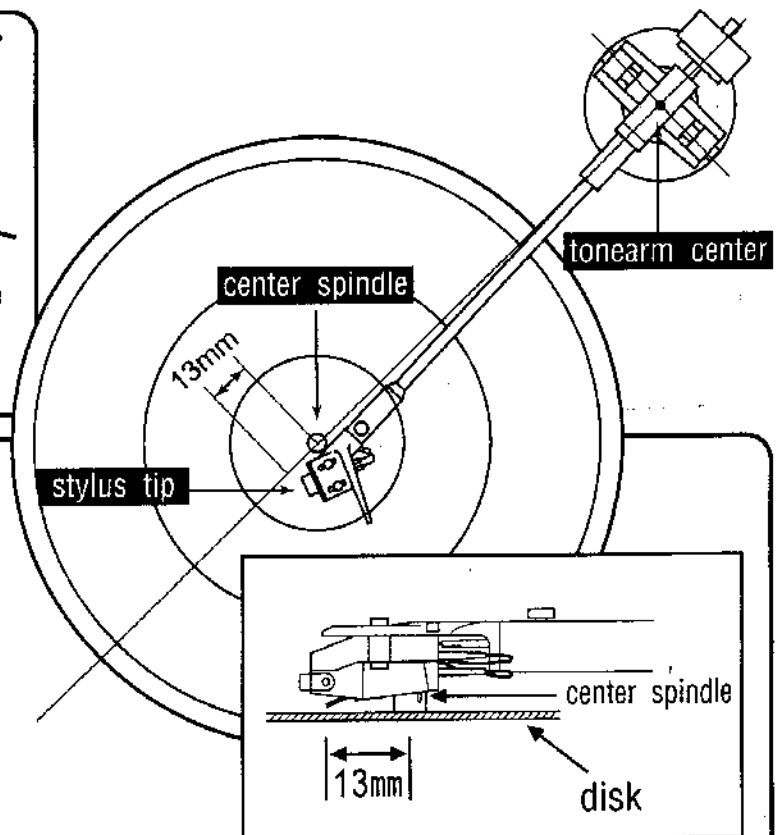


Set the anti-skating control knob to the same value as recommended stylus pressure unless otherwise specified.

■ Adjustment of Overhang

As shown in the illustration, overhang indicates the distance from the stylus tip to the center of the turntable spindle when the stylus tip falls on the extension of a straight line from the pivot of the tonearm to the center of the spindle. If this adjustment is not correct, the stylus will not track the grooves properly.

1. Loosen the two cartridge mounting screws.
2. Position the tonearm over the center spindle.
3. Slide the cartridge until the stylus tip is at specified distance from the center of spindle. (see illustration)
4. Once proper distance is obtained, tighten the cartridge mounting screws.



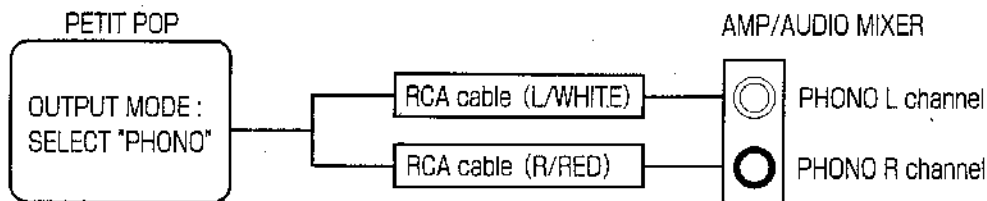
Note: Be careful not to touch your finger to the stylus tip during the adjustment.

● CONNECTION & INSTALLATION

■ CONNECTION TO INPUT JACK

< USING PHONO INPUT >

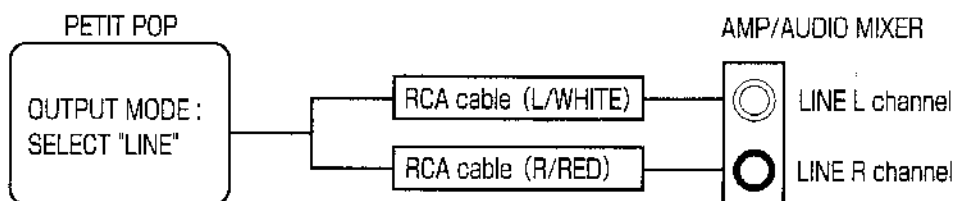
Set output mode switch to "PHONO" position and connect RCA cable to phono input on mixer/pre-amp.



Note: Connection of the ground cable is not required.

< USING LINE INPUT >

Set output mode switch to "LINE" position and connect RCA cable to line level input on mixer/pre-amp.
(i.e. CD, TUNER, AUX, etc.)



■ CONNECTION TO POWER PLUG

Connect the AC power cord to suitable outlet.

■ INSTALLATION

Do not install turntable in location exposed to direct sunlight, high temperature, or excessive humidity.

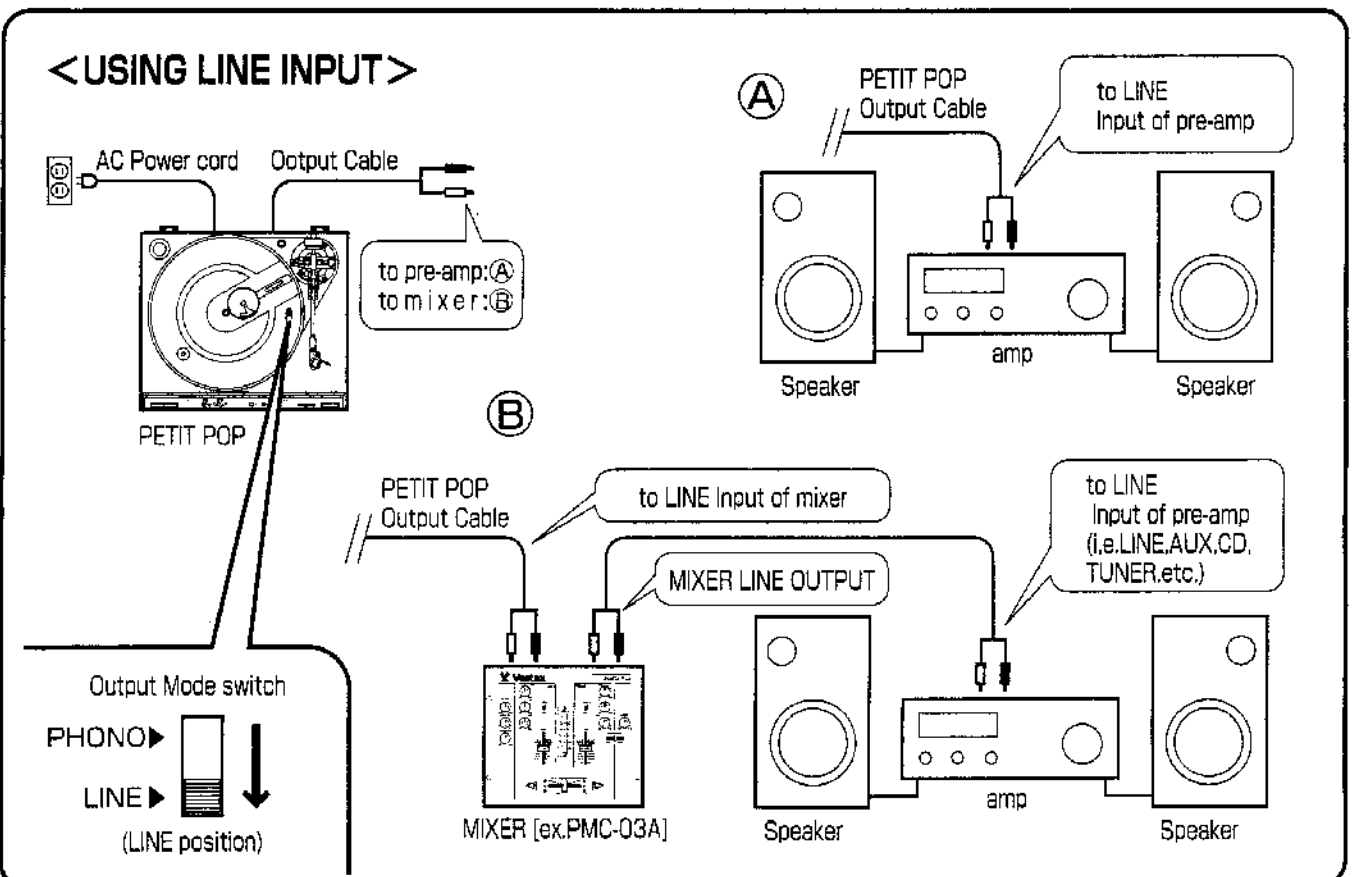
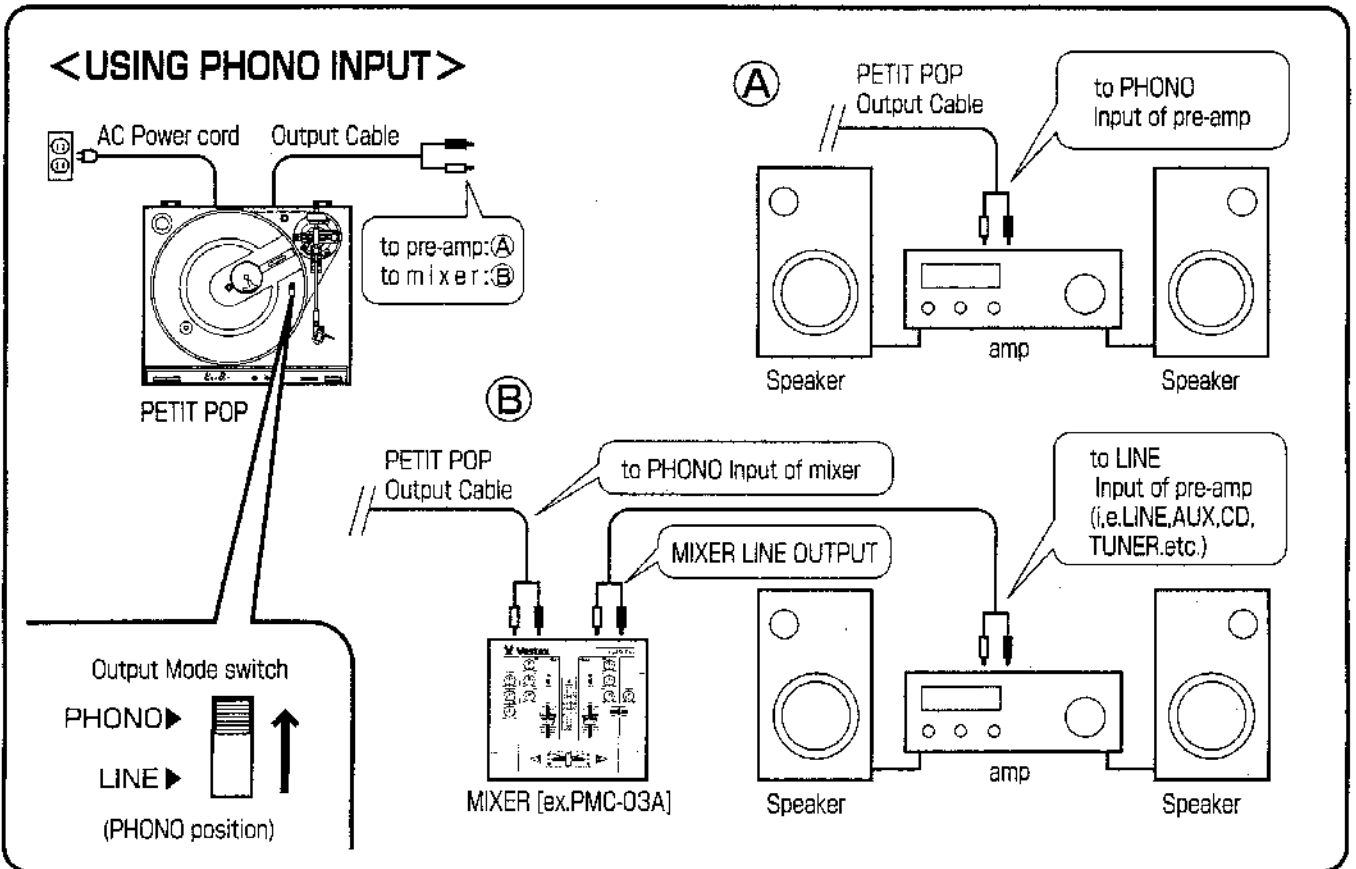
Unit should be placed on a stable horizontal surface where there is minimal vibration.

Maximum distance from speakers is recommended to isolate turntable from feedback loop.

If unit is located too close to radio receiver it may interfere with radio signal so distance is recommended.

● CONNECTION DIAGRAM (EXAMPLE)

■ INSTALLATION



● OPERATION

1. Place a record on the rubber mat.
2. Turn on power switch. (Rotate the power switch clockwise to click point)
3. Remove stylus protector from cartridge.
4. Select appropriate rotation speed. (33 1/3rpm or 45rpm)
5. Lift the cue lever to "UP" position.
6. Place the tonearm over the record. The turntable platter automatically rotates.
7. Return the cue lever to the "DOWN" position. The stylus will slowly lower to the record surface and the operation being to play.
8. The play is end, the tonearm automatically return to the armrest and turntable platter stop to rotate.
 - ※When you stop the play before the end of record,
 - ① lift the cue lever to "UP" position to raise the stylus off the record surface and manually return the tonearm to armrest.
 - ② push the reject button, the turntable platter stops to rotate and automatically return the tonearm to armrest.
9. Cover the stylus protector.
10. Turn off power switch.

Note: Use EP adaptor for EP playback.

Caution: Never touch the tonearm during automatic operation.

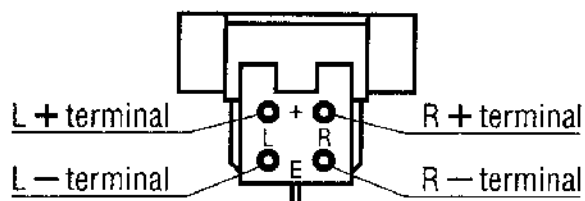
● CHANGE OF THE CARTRIDGE

■ CHANGE OF THE STYLUS TIP

- ① Turn off the power switch of PETIT POP and amp.
- ② Loosen the shell lock, remove the cartridge from tonearm.
- ③ Remove the stylus tip from cartridge unit.
- ④ Insert the new stylus tip to cartridge unit.

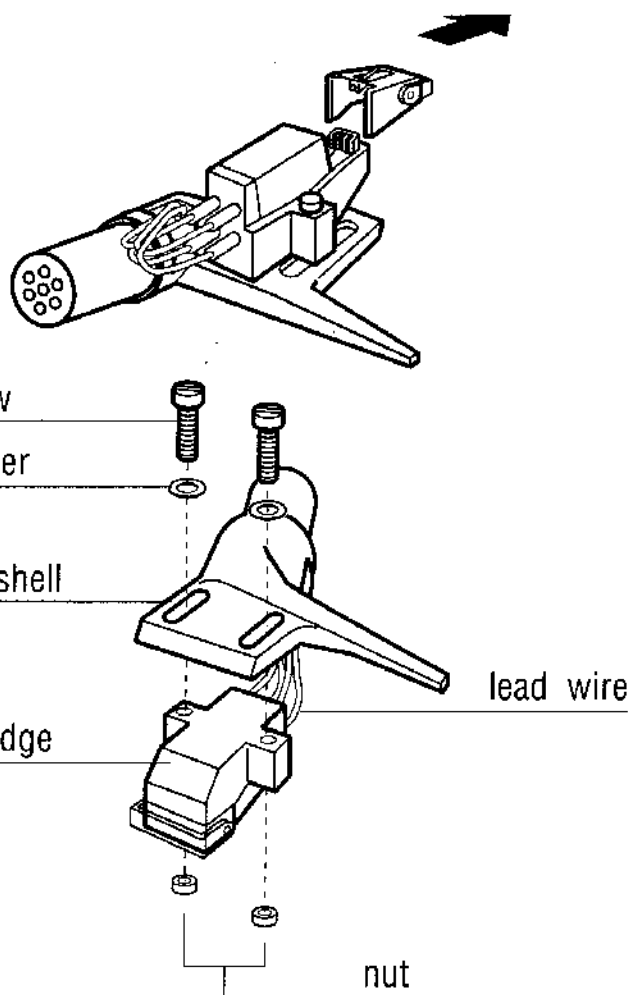
■ CHANGE OF THE CARTRIDGE

- ① When you need to change, refer to illustration.
- ② In accordance with the instructions of the cartridge, install a cartridge properly.
- ③ Connect the lead wires to the cartridge terminals.
The terminals of most cartridge are color coded.
Connect each wire to the terminal of the same color.



WHITE (L+) → LEFT POSITIVE
BLUE (L-) → LEFT NEGATIVE

RED (R+) → RIGHT POSITIVE
GREEN (R-) → RIGHT NEGATIVE



SPECIFICATIONS

TURNTABLE	
MOTOR	DC SERVO MOTOR
DRIVE SYSTEM	BELT DRIVE
ROTATION SPEED	33 1/3,45rpm
WOW & FLUTTER	0.045% W.R.M.S
S/N	66dB(IEC-Y, DIN-B)

ARM	
TYPE	STATIC BALANCED STRAIGHT TYPE
EFFECTIVE LENGTH	210mm±1mm
OVERHANG	13mm
TRACKING ERROR	+4.5~ -1.0°
ANTI SKATING	ADJUSTMENT RANGE 0~4.0g

CARTRIDGE	
MODEL NAME	VR-2S(Moving Magnet)
STYLUS PRESSURE	2g±0.5g
FREQUENCY RESPONSE	20~20,000Hz
OUTPUT VOLTAGE	2.5mV
WEIGHT	5.0g
CHANNEL BALANCE	≥2.5dB
CHANNEL SEPARATION	≥16dB (at 1kHz)
OFFSET ANGLE	22°±2°
STYLUS	VR-2SS

DIMENSIONS	418(W)×132(H)×374(D)mm
WEIGHT	3.9kg
POWER SUPPLY	AC 120V or AC 230V 50/60Hz, 3W

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