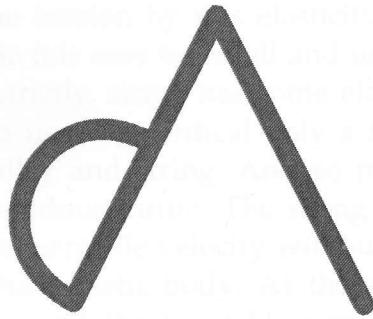


SPEC



DESIGNER AUDIO

REAL-SOUND TURNTABLE

GMP-8000 EX

Operation Manual

String driven turntable system "GMP-8000EX"

For you to rediscover the fascination with
"The ultimate high resolution sound" of analog vinyl LPs
with the sound of absolute sense of stability

The merit of string driven turntable system:

This very simple structure turntable system would have one of the ideal figuration for getting high quality reproducing. Because that it's component is only a few parts, a turntable, a motor and a string. They don't need any other mechanical structure or parts. And so if we had done research on each component, we could manage to reach at certain quality level. I should agree that belt driven turntable system has same component like as string driven system except belt. Well, which would be desirable belt or string? It's a hard question because that belt and also string have each advantage and disadvantage. A belt is made of some elastic material, such as grinded urethane rubber. And the tension by this elasticity, 5% to 10% added extension, can transfer the torque for turntable. So it is easy to install and use. On the contrary, string has some difficulties to manage. Speaking strictly, string has some elasticity like as belt, but if we adopt string for the system, we have to use very critical only a few % added extension for getting nonslip transmission between pulley and string. And so making a full use of string is quite difficult. But this string has tremendous virtue. The string could transmit the circumferential velocity of the motor pulley to the turntable velocity without any delay. Because that the string works as rigid material rather than elastic body. At the same time, the belt itself is elastic material and so the motor pulley and the turntable work with some springs and dampers because of this elastic body. And it inevitably causes some delay of the motor servo, when the load of turntable fluctuates. We could sum up, fundamentally the string driven turntable system can bring out outstanding high precision rotational accuracy according to constant-speed rotation of the motor, the most significant necessary requirement for turntable system.

Built in manual adjustment mechanism for necessary string tension:

Again, string driven system might be hard to making full use of the potential but GMP-8000EX has built in adjustment mechanism for the string tension and so once you succeed this alignment of GMP-8000EX, it will allow you rediscover new appeal of analog LP records as "the ultimate high-resolution sound" with the excellent drive system.

Gigantic inertia moment, 40 cm/dia. gunmetal turntable:

We are living under the world of some physical laws and the law of inertia is the one of close to us in such laws. You can remind the law, a car can keep speed for some moments when you get of accelerator pedal. It could be applicable also to body of rotation and the mass of rotation is the inertia moment. And the momentum of constant-speed rotation is proportional for the amount of inertia moment. So GMP-8000EX's exceptional gigantic inertia moment made from precious gunmetal with high-precision processed reaches to 3,260kg.cm², can assure of outstanding smooth and precise rotation. And also it gives the sound with absolute sense of stability. Of course, luxuriously beautiful, well-sounding and heavy weight, up to 14kg gunmetal turntable would bring you some delights of possession.

Fixed rotating axis bearing mechanism:

In a general way, turntable and rotating shaft are became unified. But this rotating system's supporting point should be situated at the bottom end of the rotating shaft. And so the center of mass of the turntable is displaced from this supporting point that it leads to some grind motions. On the contrary, the bearing mechanism of GMP-8000EX is consisted of fixed axis or shaft and outer rotating sliding bearing. About this mechanism, the point of thrust bearing and the center mass of gunmetal turntable is placed very close to each other. And it can bring out the outstanding stable rotation.

Magnetic force aided to lighten thrust load bearing:

To lighten the thrust load, it is one of the very important factors for long term reliability of smooth rotation but also free from the mechanical noise and vibration of thrust block. And this mechanical noise finally degrades the sound reproduced. Then we included "**Magnetic force aided structure**" in the bearing of **GMP-8000EX** and it can reduce more than 30 % of the weight of the turntable.

Highest precision DC core-less motor system:

Precise rotating speed of the motor assures the constant rotation of turntable. We adopted highest precision DC core-less motor and the specialized custom servo system, made by **maxon motor** in Swiss. Thanks to the outstanding precision core-less structure of the motor with 9 slots, strong rare earth magnet and rare metal brush can bring out absolutely free from any minute torque ripple, the vibration itself and also fully required torque with high efficiency. And this motor generates 250 pulses for a single rotation and coupled with the latest software servo circuitry, the gigantic gunmetal turntable of GMP-701 could be easily driven with precision speed by this motor system.

Highly rigid chassis by laminated veneers of Finland birch:

The birch takes a long time to grow in the harsh cold environment of North European. Accordingly this wood has a fine grain and high density and so the laminated veneers have favorable planarity and rigidity. Of course, the material is also blessed with some of the internal loss of natural wood. And so the laminated wood could be some kind of ideal material for audio use, such as speaker boxes or this type of turntable chassis. The thickness of the custom laminated board is reached to 90mm and manufactured by high precision NC wood working machine in **Shirakawa Co., Ltd**, a famous furniture maker at **Hida-Takayama** city, beautiful historic town. You could find also woodworking is the Japanese traditional handicrafts.

<http://www.shirakawa.co.jp/index.html>

Robust and high precision tone-arm & motor base made from two kinds of metal:

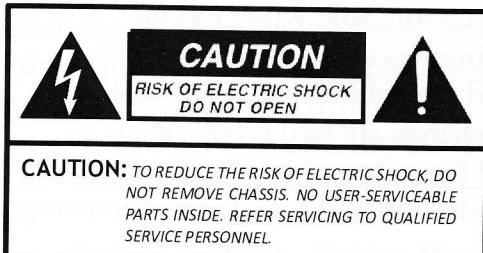
We could offer you custom-made tone-arm base for fitting to your favorite 12 inches tone-arm. And this base is made from aluminum and machined to 12mm thickness with highly processing accuracy. Furthermore, this base can be fixed to the heavy under base of copper alloy ring geometry. Yes, this under base is tightly fastened on to the Finland birch laminated chassis. These combined material, robust and rigid but also has somewhat internal loss could bring out natural vibratory control around the parts of tone-arm mounting. And also the motor base structure is same as these tone-arm bases. As already stated, built in adjustment mechanism for the string tension is adapted to the aluminum motor base and the under base of copper base alloy ring. This structure provides for effective damping of the DC core-less motor's minimal vibration.

How to make full use of string driven turntable system "GMP-8000EX":

You might regard **GMP-8000EX** as a semi-finished product but also it has enormous amount of potential capacity for high quality reproducing as stated before. Because that you must make a choice the string. Well, there are a lot of types of string, such as cotton, silk, wool, nylon, polyester, and the rest. And furthermore even the polyester string has so many species to be found. If you have any strong interests for improving the sound, you should seek out best type of string for your hearing and needful reliability. But attached strings are two types, one is a nylon string and the other is polyester string, please try each of the string. And also try single turn, double turn or fourfold turn. When you come along the selection and how to use the string, you could reach to making full merits of **GMP-8000EX**.

Again, we wish you experience "The ultimate high resolution sound" of analog vinyl LPs with your GMP-8000EX!!

Safety Precautions



AVIS: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF NON-INSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.

WARNING

Exposure to extremely high noise levels may cause a permanent hearing loss.

Individuals vary considerably to noise induced hearing loss but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time.

Operating Environment

Operating environment temperature and humidity: +5°C to +35°C (+41°F to +95°F); less than 85%RH (cooling vents not blocked)

Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light)

WARNING

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock.

European model only



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electric products in accordance with legislation that requires proper treatment, recovery and recycling.

Private households in the member states of the EU, in Switzerland and Norway may return their used electric products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

For countries not mentioned above, please contact your local authorities for the correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

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How to read this manual

In this booklet, the names of the buttons and terminals of the main unit appear in square brackets ([]).

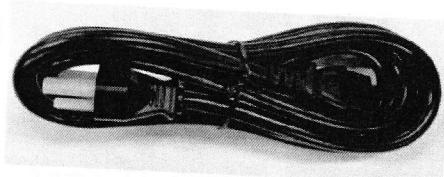
Examples:

- Press the **[START/STOP]** button.
- If this product is connected to a pre-main amplifier or component that does not have a **[PHONO]** terminal, sufficient volume and sound quality cannot be obtained. In this case, use the PHONO equalizer.

【1】 Before Start

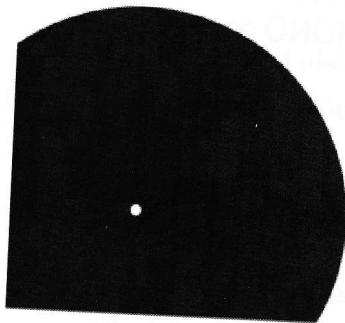
Check included items

- a Power cord



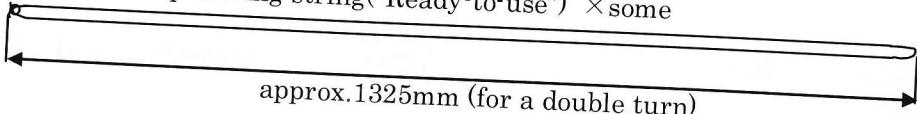
- an Analog Disc Sheet AP-UD1

SPEC+
ANALOG DISC SHEET AP-UD1

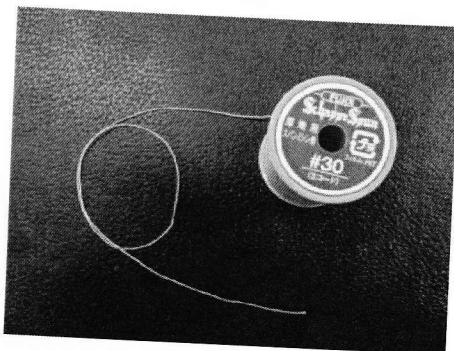


■—Driving String

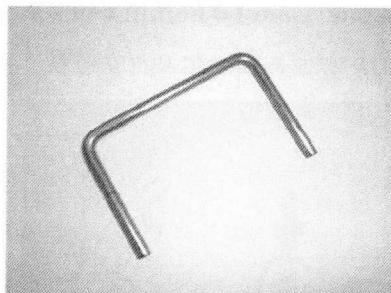
- …Backup driving string (“Ready-to-use”) × some



- …Backup driving string (supplied in a reel)



□—a "Motor-base" adjusting handle



□—Screws(Backup) 5 pieces



* Size: M3(**Metric**) Length=10mm

■—hexagonal Allen wrenches(Allen-Key)(**Metric**)

□…for a tone arm base and a motor base 2.5mm

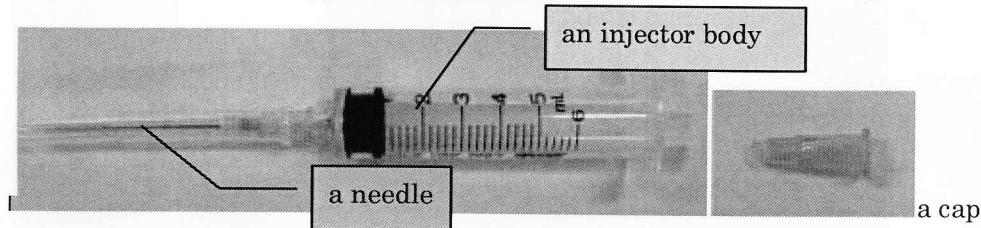


□…for a motor pulley 1.5mm



■—Oil(10W-30)

□…a injector "A" , supplied with articles below

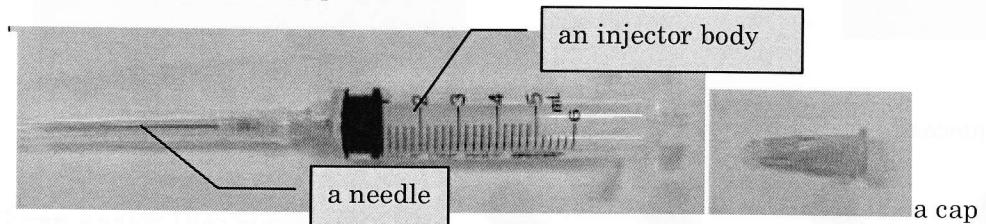


■—Additive OIL (KURE “OILSYSTEM” includes Liquid Titanium)



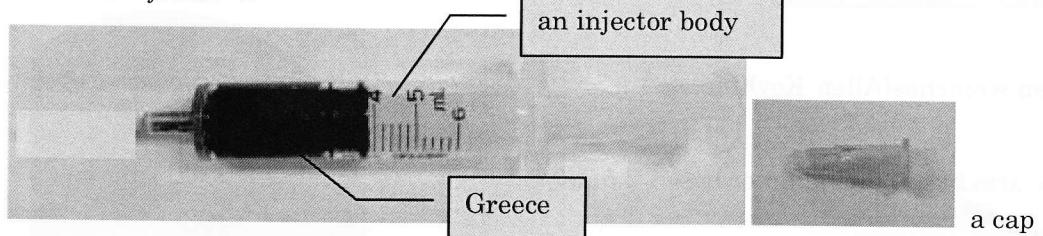
“Ti”-marking on the injector top

□…a injector “B”, supplied with articles below



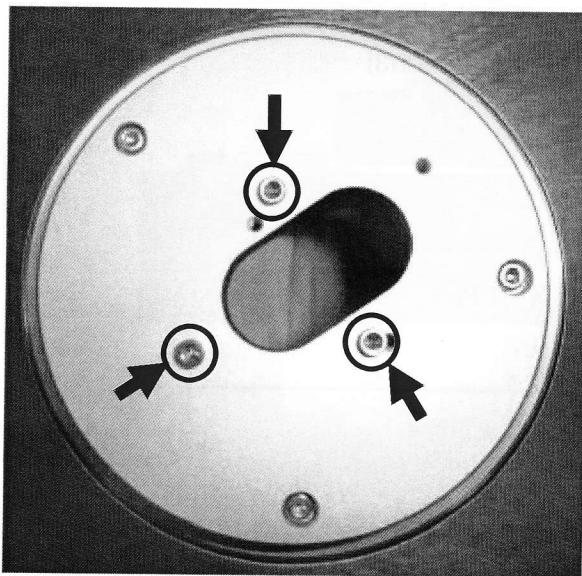
■—Grease : MoS₂(molybdenum(IV) sulfide) compound

□…a injector “C”

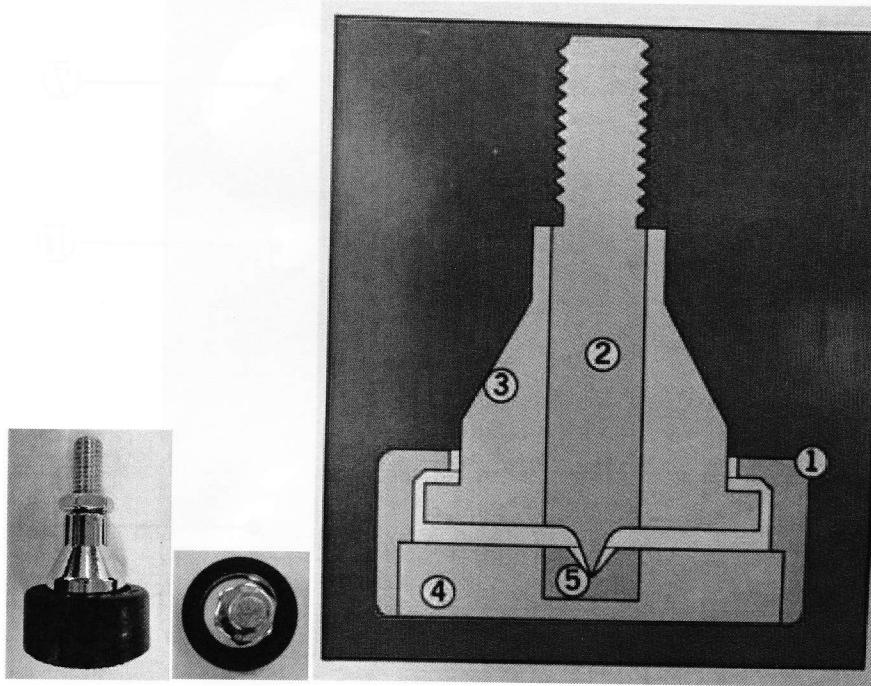


—**Screws for mounting a tone arm**

※ You will find 3 tone arm mounting screws have temporarily been put on the tone arm base.
When you mount a tone arm, once remove them to use.



—**Spikes (4 pieces)**



Side View

Top View 1)

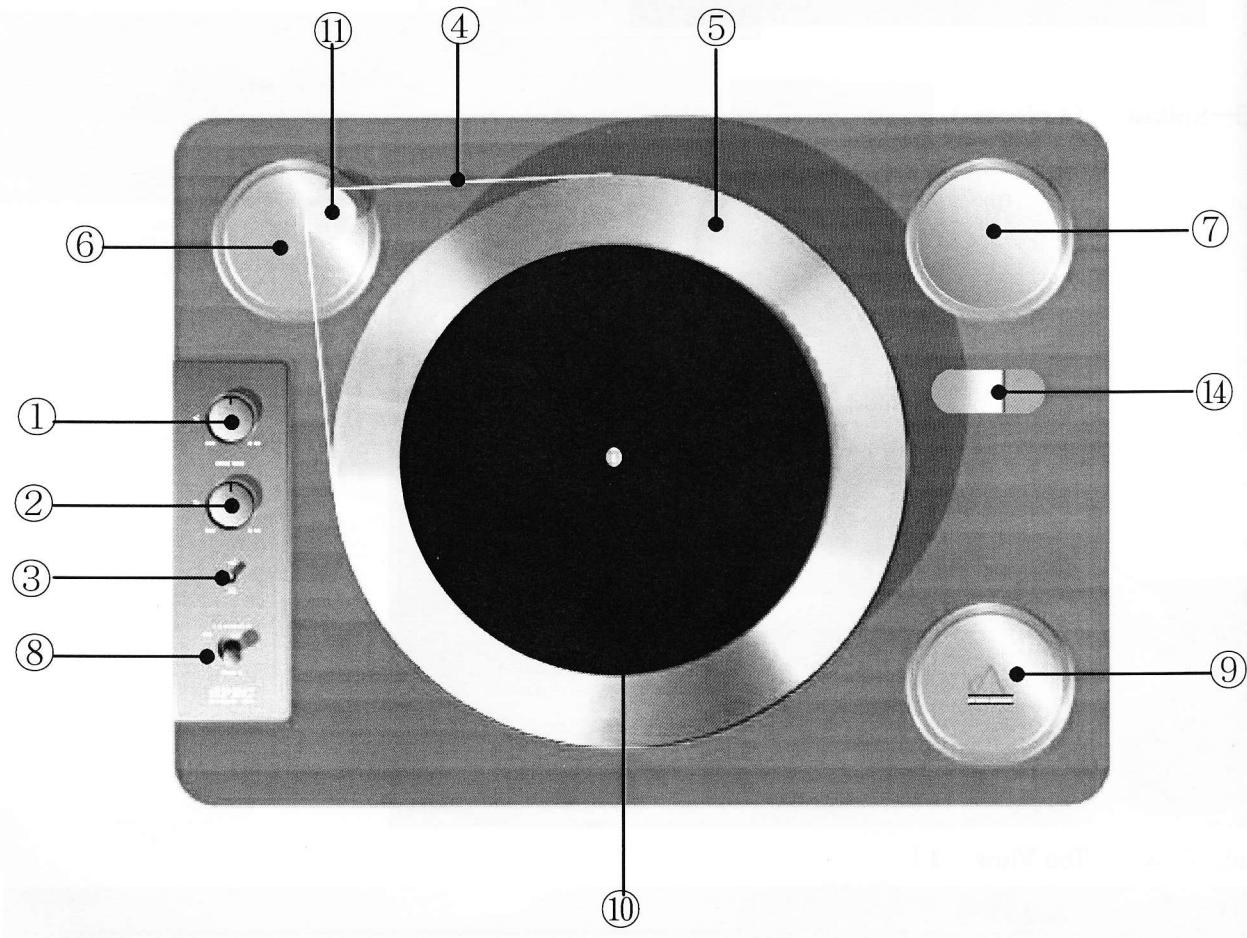
Design features

[1] Outer housing, ABS plastic. [2] Case hardened spike. [3] Zinc casing. [4] Zinc disk. [5] Mild steel insert.

【2】Name of each section

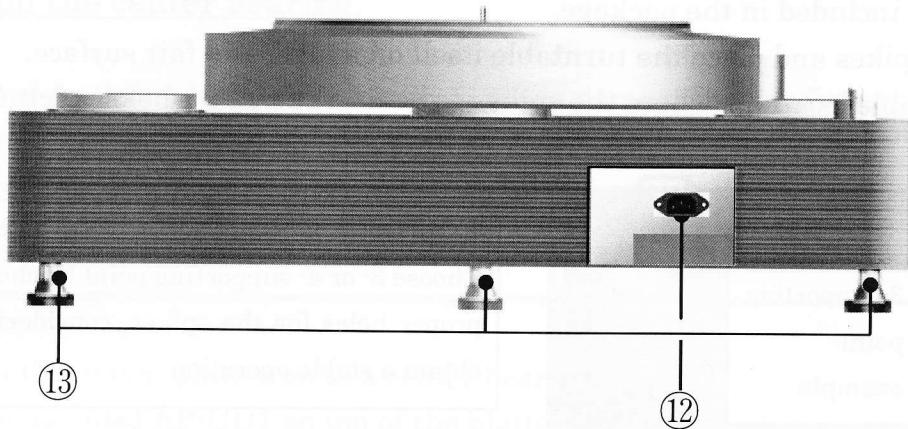
■ Top panel

- ① 45 rpm rotation speed adjust knob [PITCH CONTROL]-[45]
- ② 33 rpm rotation speed adjust knob [PITCH CONTROL]-[33 1/3]
- ③ 45 and/or 33 1/3 rpm rotation speed select switch [45/33 1/3]
- ④ Drive String
- ⑤ Turntable(Platter)
- ⑥ "Motor Base"
- ⑦ "Tone arm Base"
- ⑧ Motor Switch (Power Switch) [POWER]-[ON/OFF]
- ⑨ "dA(designer audio) Logo Plate"
- ⑩ Turntable Plate AP-UD1
- ⑪ Motor Pulley
- ⑫ Tone arm Rest



■ Rear panel

⑫ AC-Primary Inlet (IEC-type)



■ Bottom

⑬ Spikes (Height adjustment available)

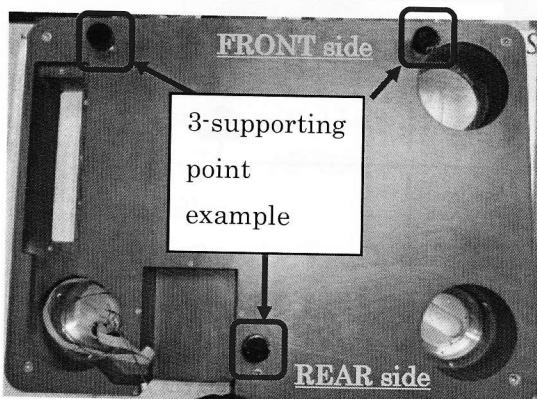
【3】Setting up

▪ Spikes

First, before you use spikes, attach a self-adhesive felt disc on the surface of each spike included in the package.

Then, fit spikes and place the turntable itself on a level and fair surface.

For applicable locations where the spikes to be fit, the picture below picture will be an example.



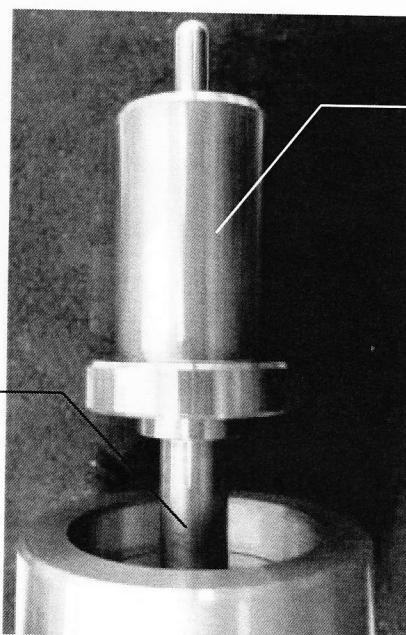
4 spikes are included in this package. Choose 3- or 4- supporting point by choosing proper holes for the spikes, considering to obtain a stable operation.

▪ 40cm-Gunmetal turntable installation

Important notice

Please avoid pulling off the outer bearing rotor from the inner bearing shaft. Scratches or dusts are fatal to the center bearing assembly.

Inner
bearing
shaft



outer
bearing
rotor

Important notice

We strongly recommend you to be in a twosome when you mount a platter on the center bearing.

A platter weighs 14kg. It's heavy enough to give a damage to your fingers when it runs over your fingers.

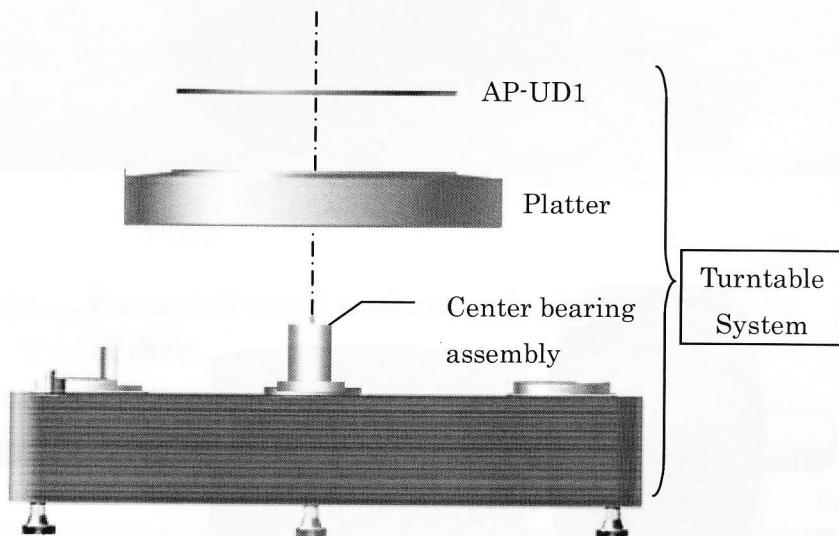
Also, to avoid giving damages with the shaft surface, we strongly recommend you to do the work in a twosome.

Set a 40cm-Gunmetal platter on to a center bearing.

And put an included AP-UD1 on top of the platter.

—Be careful not to hit the platter on the main unit or drop it.

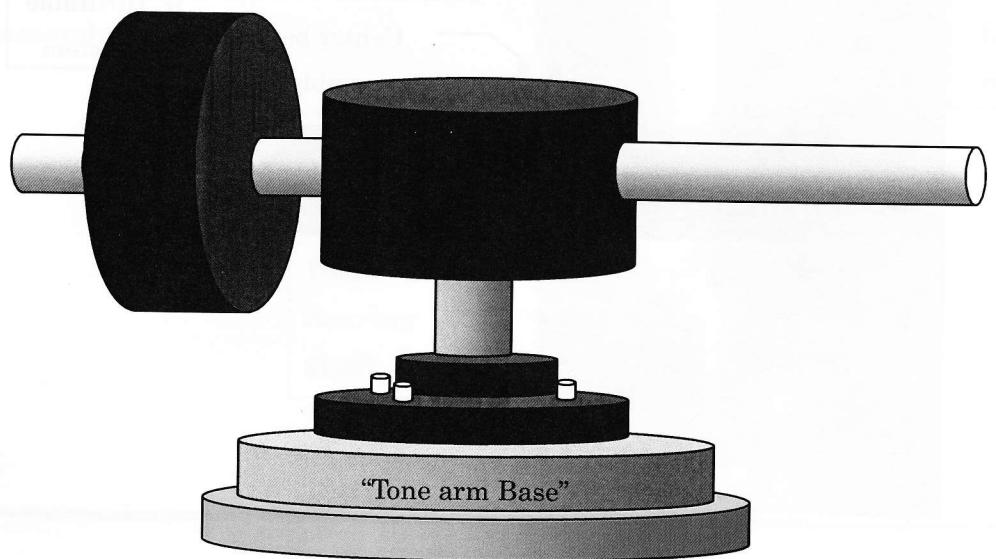
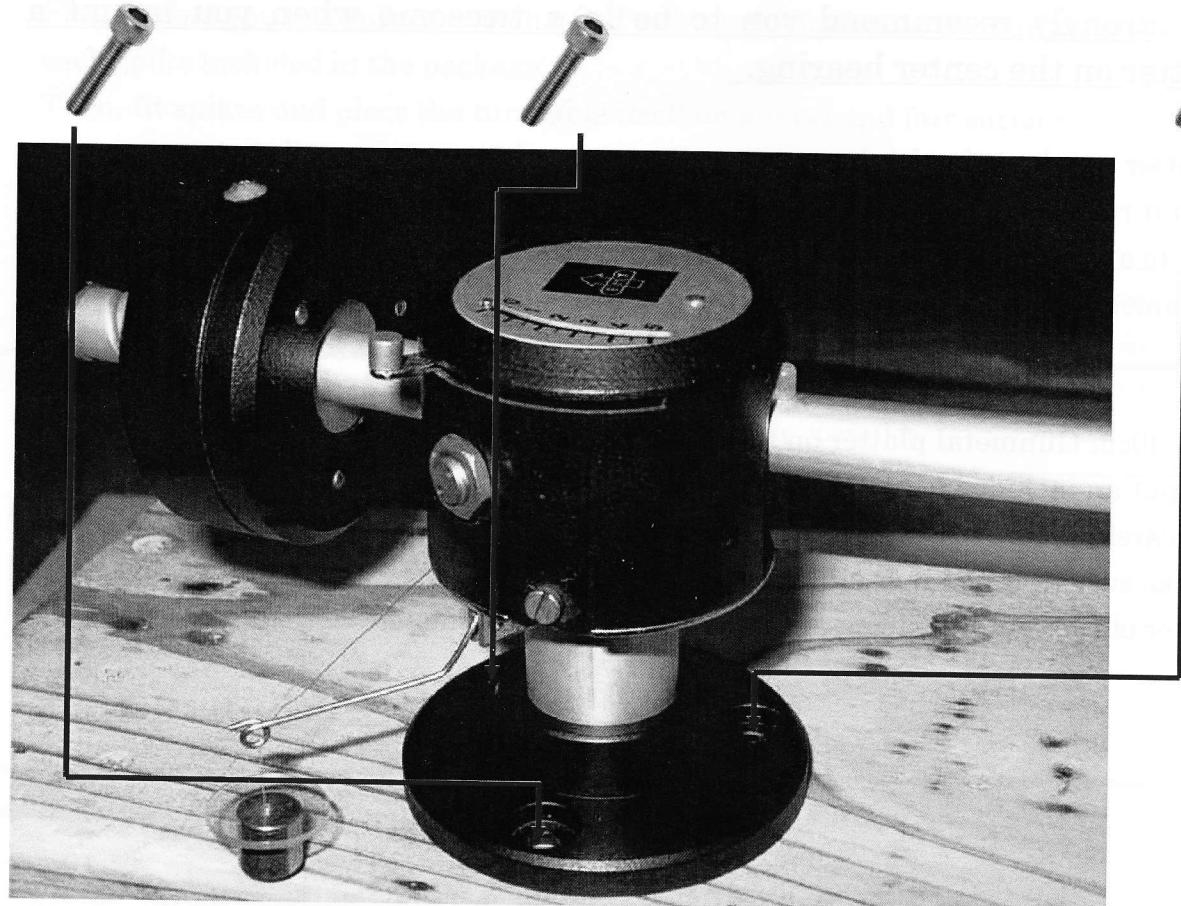
—Make sure that metal or other dusts are not to be affixed on the outer bearing rotor of the center bearing and the inside surface of the platter center hole.



▪ **Tone arm installation**

Put a tone arm onto the "Tone arm base".

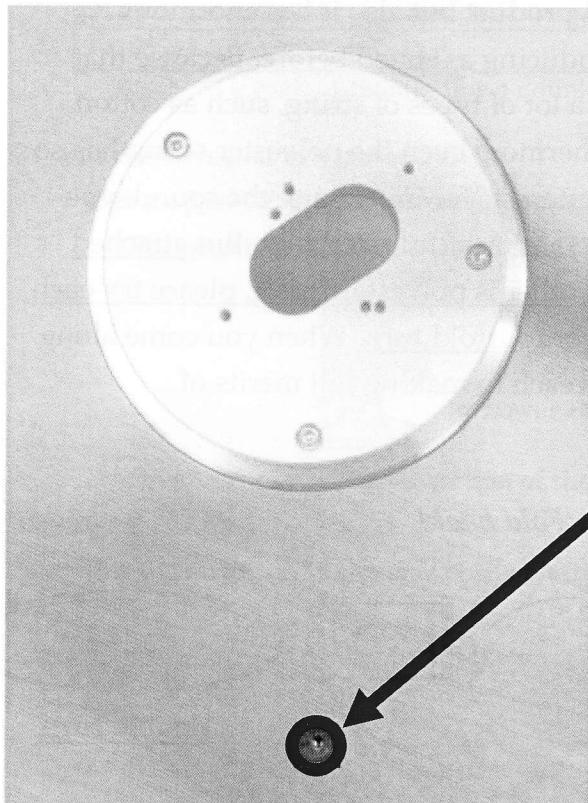
Use Metric CAP screws(bolts) included in this package for fixing it.



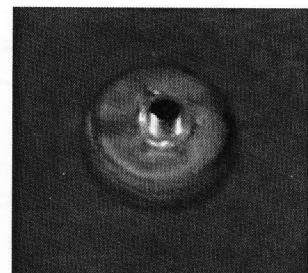
- **Tone arm rest**

Put the "Tone arm rest" shaft into a mounting hole, then tighten up gently until it stops.

Do not give the shaft extra-strong force after the shaft has stopped at the position.

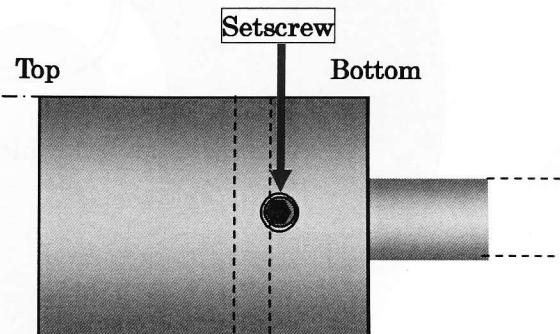
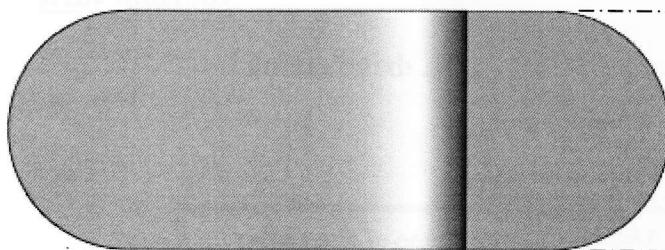


A Tone arm rest mounting hole



—Adjustment of heightPut on /off metal washers and adjust the quantity of them.

—Adjustment of the angle....Loosen a setscrew of the rest with an Allen -Key.. and rotate it

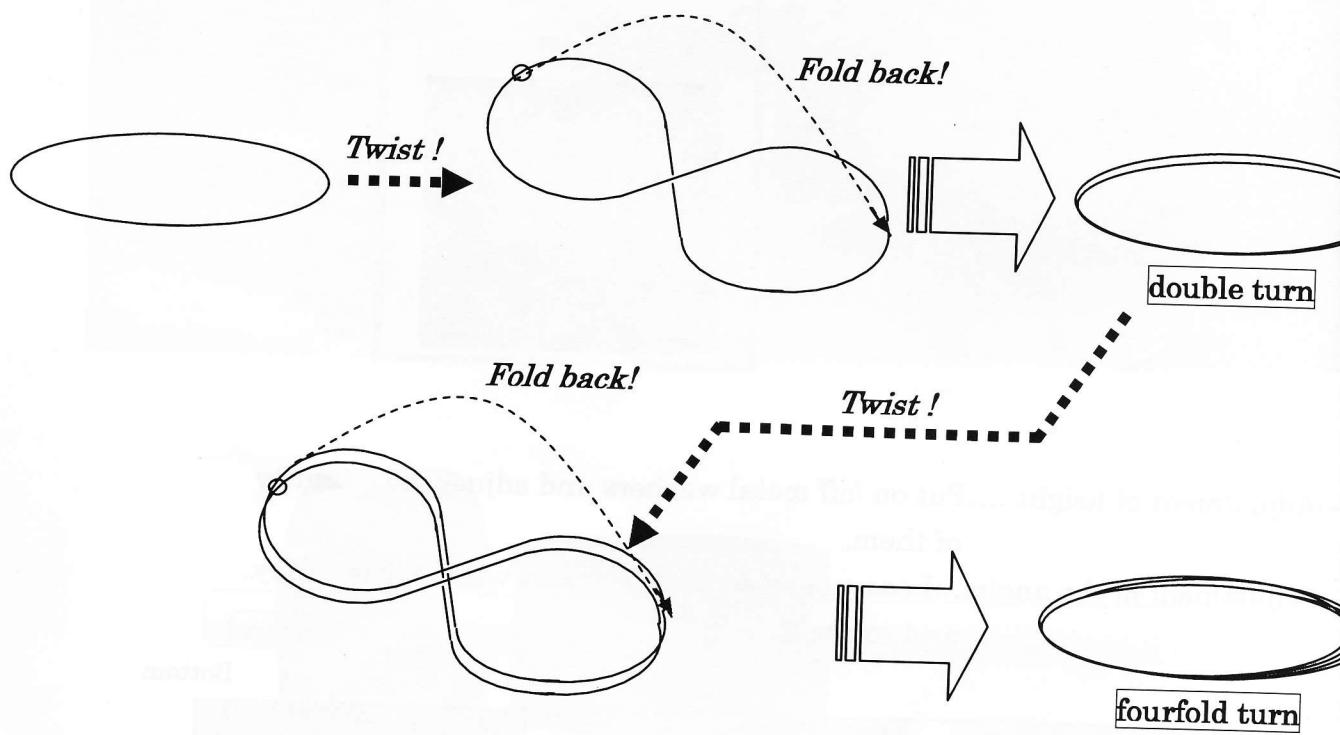


▪ About a string

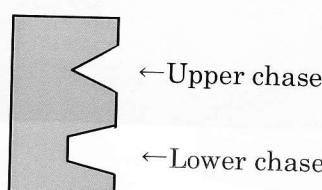
You will find sample drive strings in the package, but ...
Please have a time to read below, once more;

How to make full use of string driven turntable system "GMP-8000EX":

You might regard GMP-8000EX as a semi-finished product but also it has enormous amount of potential capacity for high quality reproducing as stated before. Because that you must make a choice the string. Well, there are a lot of types of string, such as cotton, silk, wool, nylon, polyester, and the rest. And furthermore even the polyester string has so many species to be found. If you have any strong interests for improving the sound, you should seek out best type of string for your hearing and needful reliability. But attached strings are two types, one is a nylon string and the other is polyester string, please try each of the string. And also try single turn, double turn or fourfold turn. When you come along the selection and how to use the string, you could reach to making full merits of GMP-8000EX.



【How to make a double turn and a fourfold turn drive string】



Use the Lower chase of the pulley
for a drive string that has two or
more turns

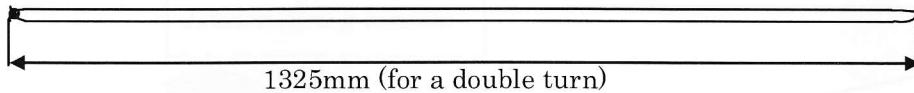
- **How to set a drive-string**

Put a drive-string on to both a drive motor pulley and a turntable.

- 1) Prepare a looped string of adequate length.

Example length : approximately 1325mm(including a knot margin) for a double turn.

→Prepare a string of more than 2750mm, for example.



- 2) Put the string on to a motor pulley.

—Use a upper "V-shaped" chase for a single turn →Upper chase

→For your information, a lower chase has trapezoid shape.

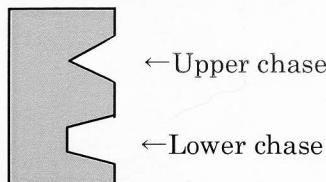
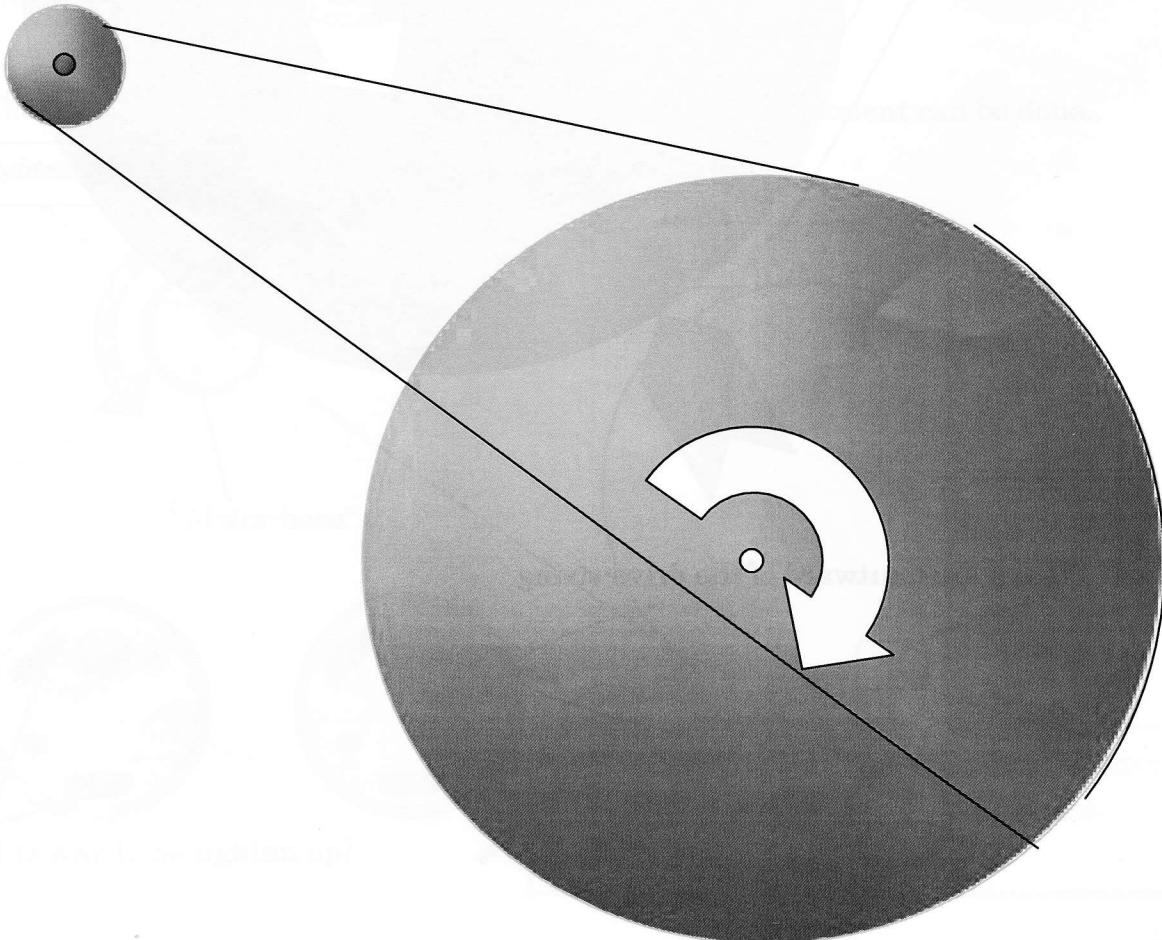


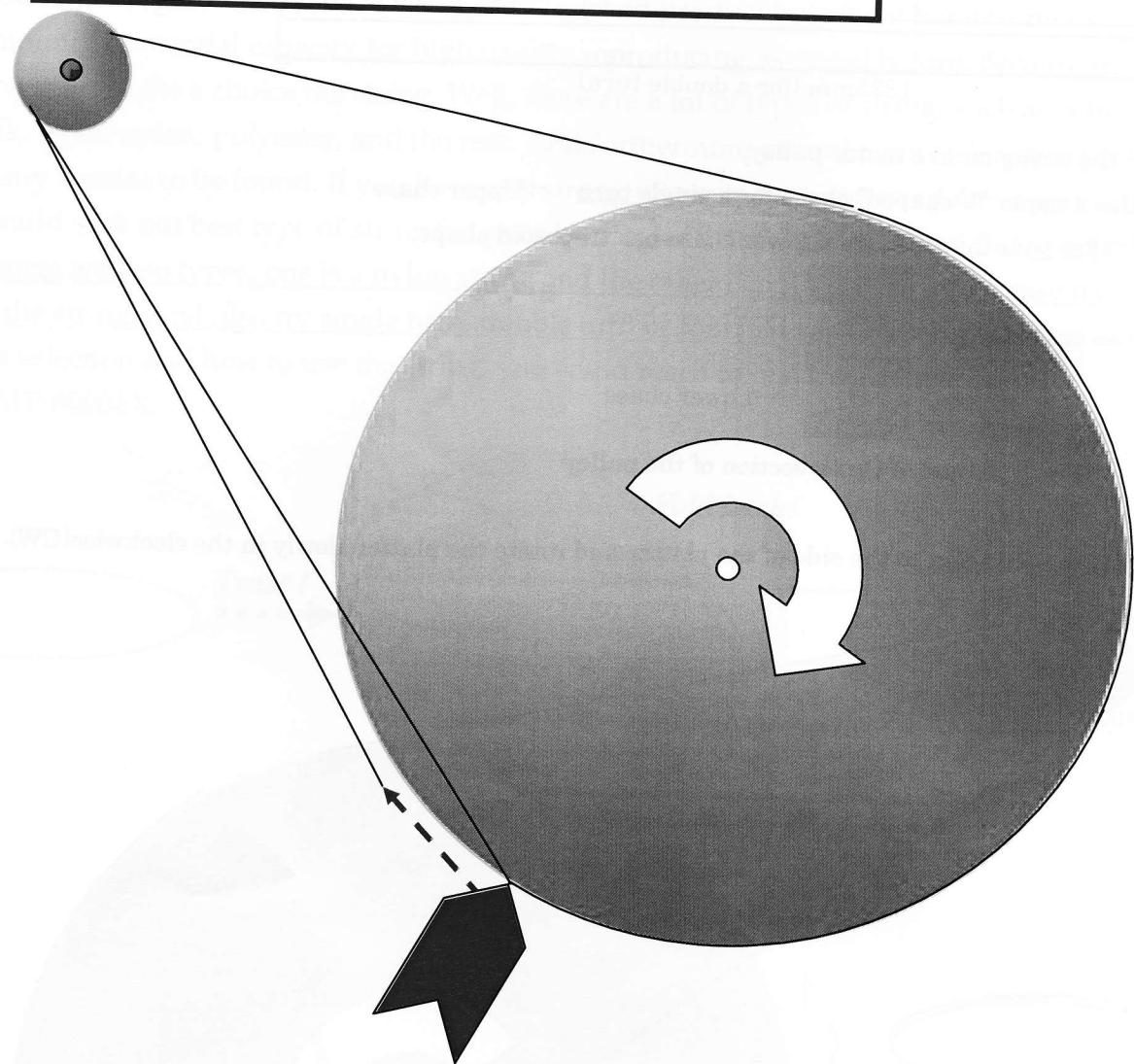
Fig. A part of Cross-section of the pulley

—Put the string on to the side of the platter and rotate the platter slowly in the clockwise(CW).

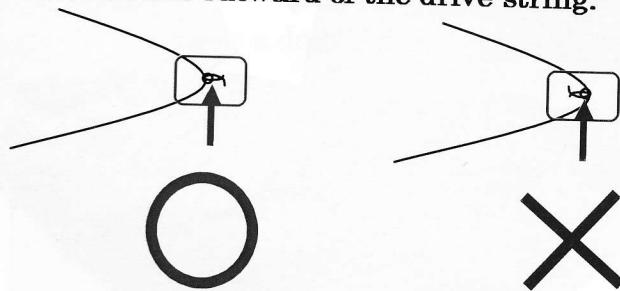


—The string itself goes to fit the side of the platter when it approaches the position where the red arrow indicates, in the figure below.

Please do not give an extra force with the string !
A string can be torn apart at a knot.

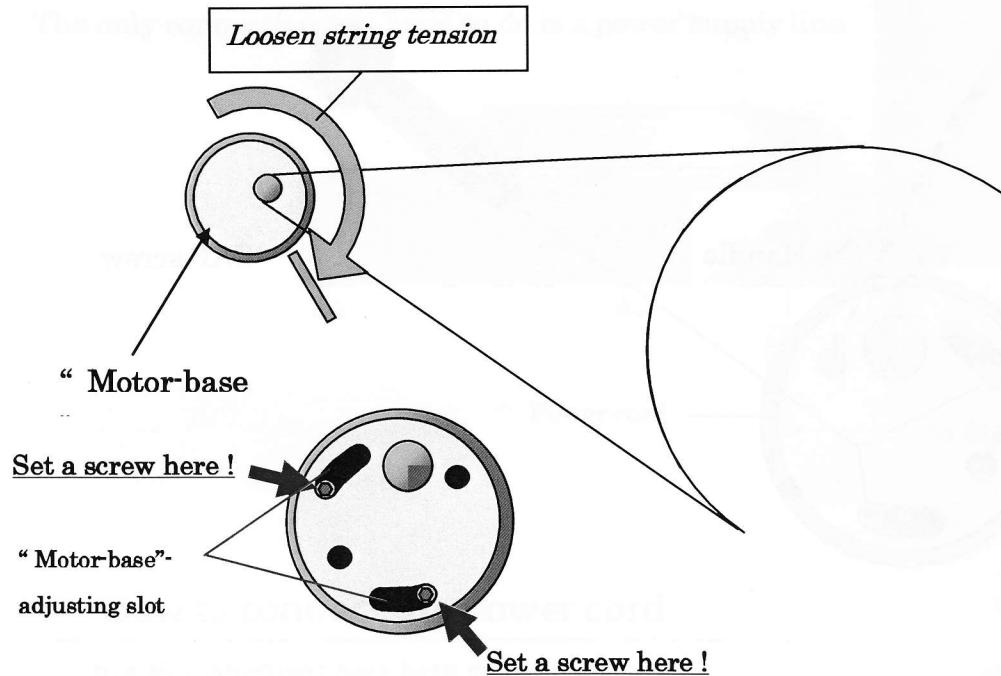


★Note: Place a knot outward of the drive-string.

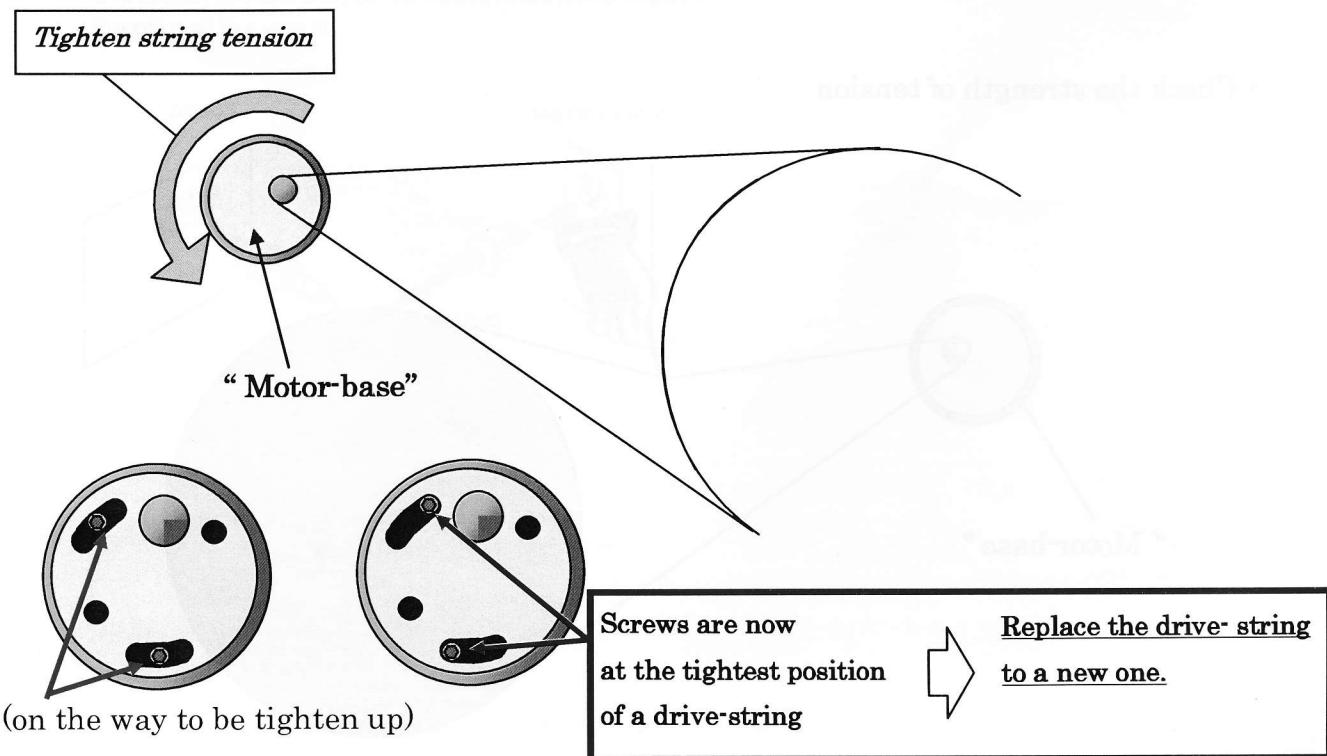


- How to adjust the tension of a drive-string

For the first time you set a drive string, choose a most loosening position of the “Motor-base”- adjusting slot, thus, rotate the “Motor Base” until the screws stop at the clock-wise end of .adjusting slot, considering a re-adjustment due to the slack of the string.

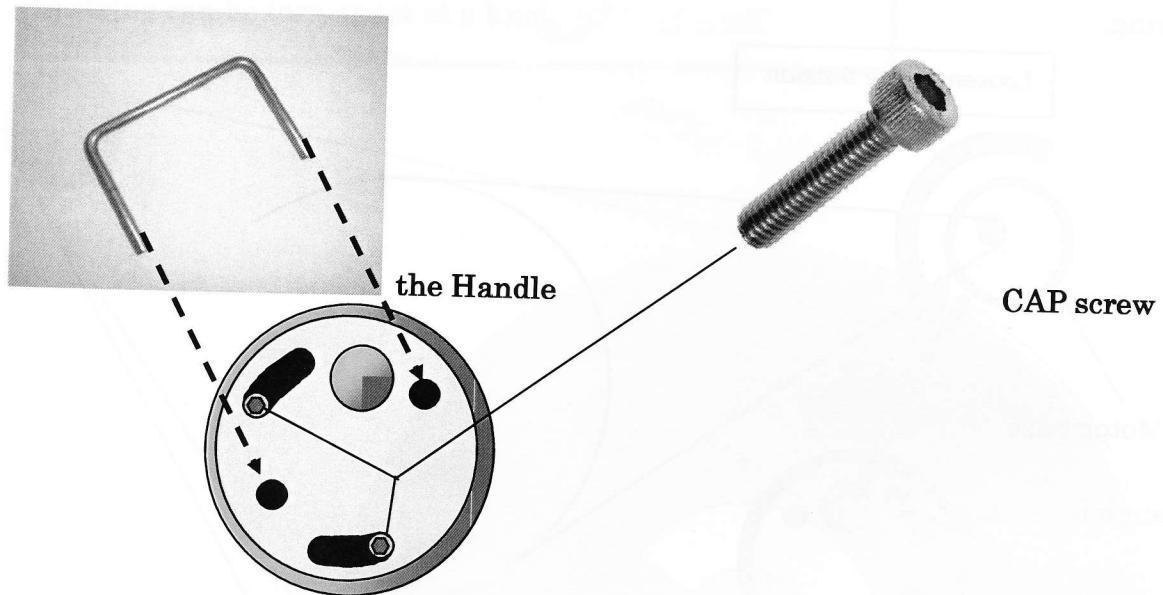


- When a drive string has gone slack, string-tightening adjustment can be done.,

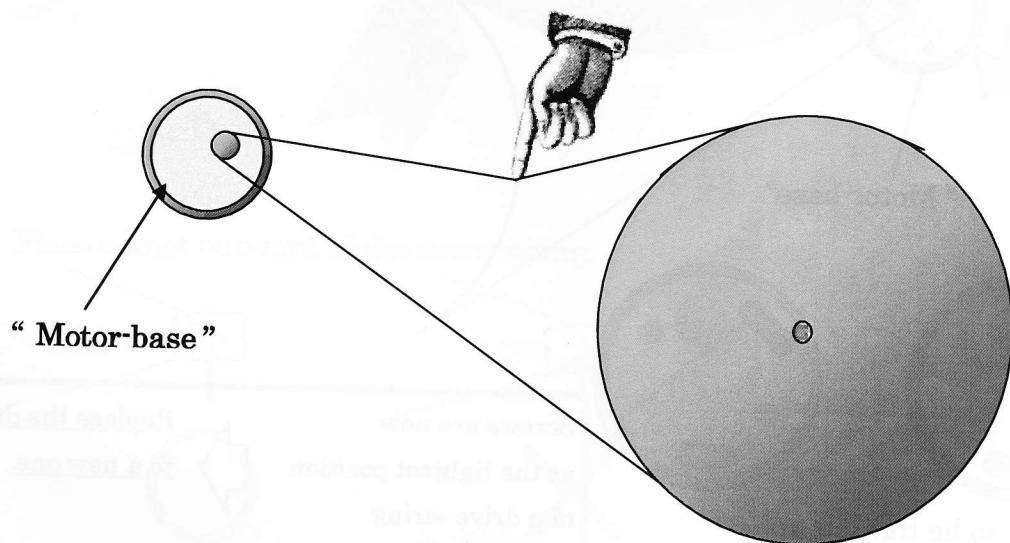


- **Motor-base adjusting handle**

Use the "Motor-base adjusting handle" to make an easy adjustment of the driving string tension. In such case, loosen CAP screws(bolts) that is fixing a "Motor-Base" adjusting slot. (You don't need to take them off.)



- **Check the strength of tension**

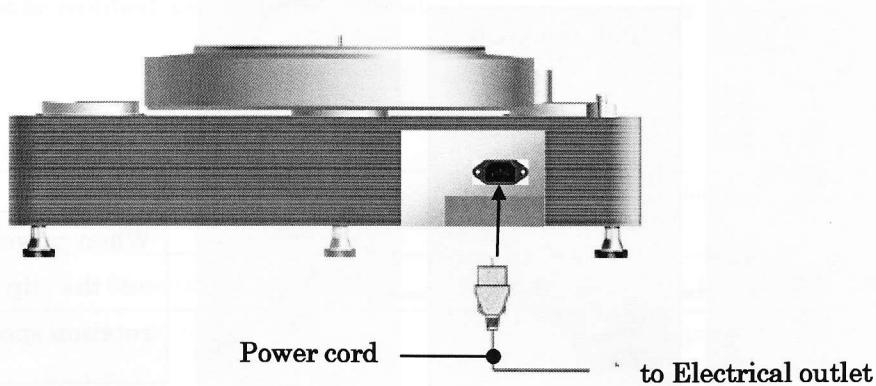


【4】 Connections

This turntable system is a “tone arm - less” product.

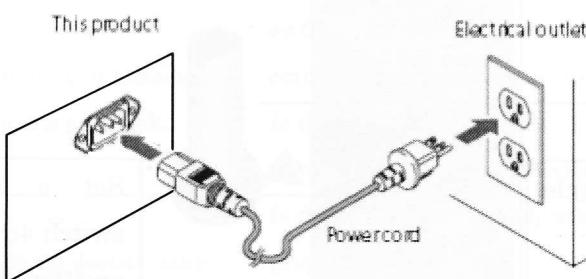
For issues on the tone arm installation and connection, a cartridge or a head-shell, please refer to a document supplied from each manufacturer.

The only connection you have to do is a power supply line.



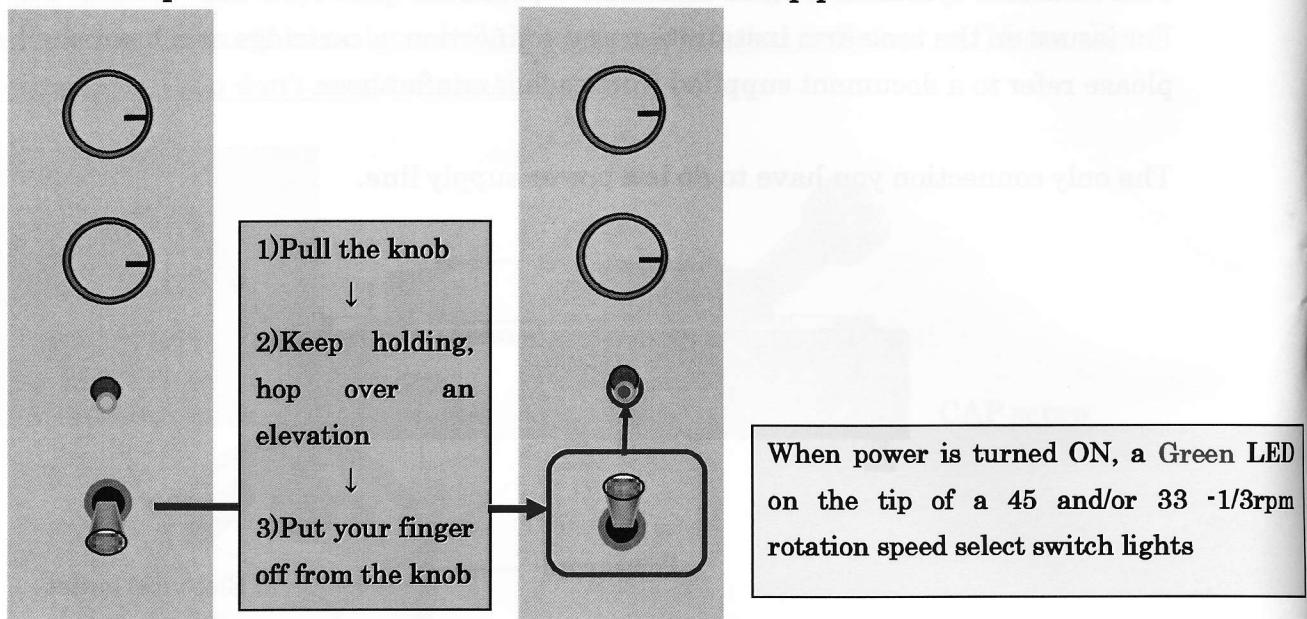
How to connect the power cord

Once all connections have been made, connect the included power cord to the AC IN terminal of this product and to the residential electrical outlet. Press firmly to push the plug all the way in.

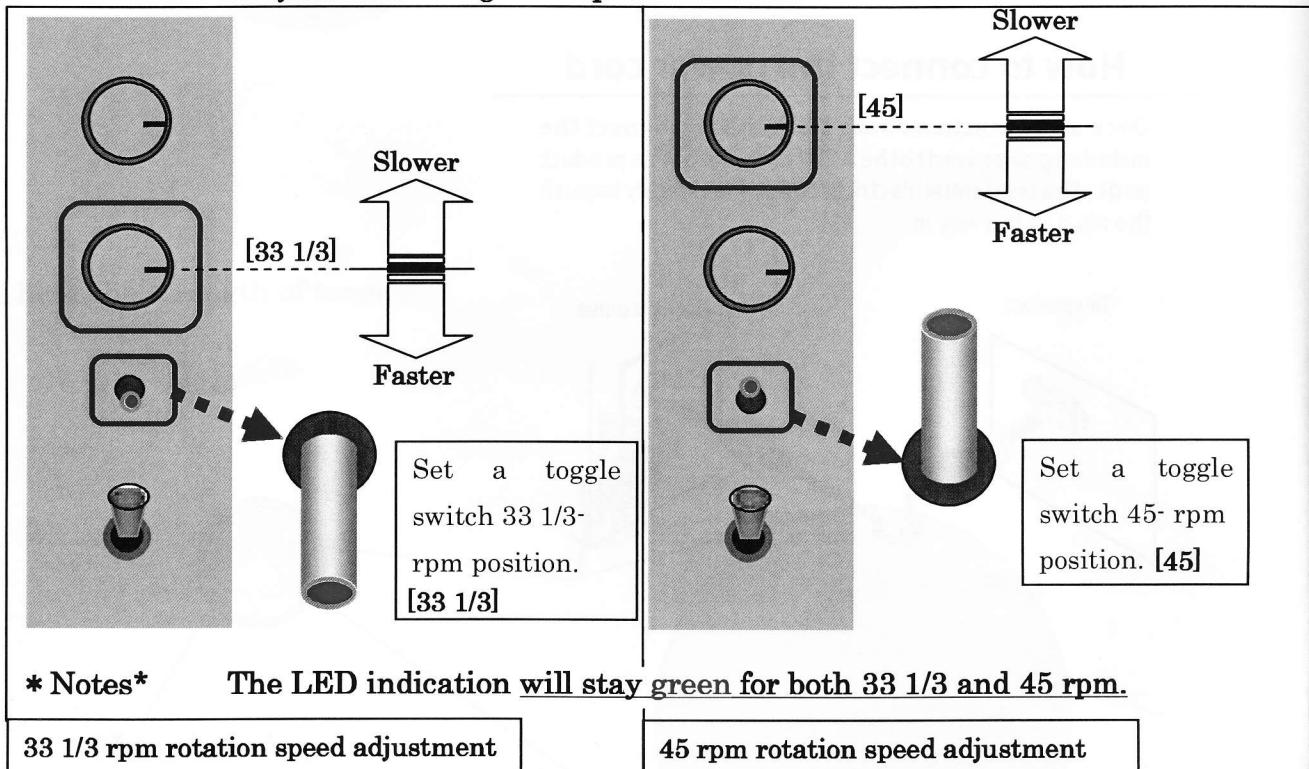


【5】How to operate

- Turn on the power switch [POWER]-[ON/OFF] on the top panel



- Make a rotation adjustment using each speed control knob [PITCH CONTROL].



★An instrument for a rotation measurement, such as a stroboscope, are excluded in the package.

★It takes 15-20 seconds until the turntable will get to a stable rotation.

【6】Additional information

■ Troubleshooting

- Incorrect operation is often mistaken for trouble or malfunction.

If you think that there is something wrong with this product, check the point below

Sometimes the problem may lie in another component (product).

Inspect the other components and electrical appliances being used.

If the problem cannot be rectified, ask your nearest dealer to carry out a repair work.

Problem	Check	Remedy
The power is not turned on.	Is the power cord properly connected? Is the [Power] switch set to [ON]?	Properly connect the included power cord to a power outlet. Set the [Power] switch to [ON].
No sound or small sound.	Are the audio cables properly connected? Are the terminals and plugs dirty?	Connect the audio cable properly. Clean the terminals and plugs before making connections.
	Is the headshell attached properly?	Attach the headshell properly.
The left and right sound are reversed	Are the left and right connections for each piece of equipment reversed?	Correctly connect the audio cable and the lead wires of the headshell part
There is a low hum(humming or buzzing) sound during playback.	Is there an electric device such as fluorescent lamp or its power cord near the connection cord?	Place the power cord of the fluorescent lamp or other devices as far away as possible.
	Is the ground wire of the turntable system disconnected?	Connect the ground wire properly.
The stylus tip doesn't come down on the record.	Is the stylus pressure adjusted properly?	Match the balance weight to the appropriate stylus pressure value for your cartridge.
	Is the arm horizontally balanced?	Turn the balance weight until the tone arm becomes horizontal state.
Stylus jumping occurs.	Is the stylus pressure adjusted properly?	Match the balance weight to the appropriate stylus pressure value for your cartridge.
	Is the record warped or does it have scratches?	Check the condition of the record.

Stylus jumping occurs.
(Continued from former
page)

Does the stylus tip have a lot of
dust on it?

Remove the shell with cartridge and use a soft
tip brush or writing brush to carefully remove
the dust

Is anti-scating adjusted
correctly?

Adjust anti-scating correctly.

Is the arm height adjusted
correctly?

Adjust the arm height correctly

The arm stops along the
way and does not go ahead.

Does the record have scratches?

Check the condition of the record.

Is the arm coming into contact
with something?

Check around the arm. If there is an obstacle,
remove it.

Sound volume is low or
loud.

Is the connection to the
amplifier appropriate for the
cartridge type(output)?

Connect the connection cables properly.

■ Cautions on use

— About condensation

Water droplets (condensation) may form inside the unit on operating parts in winter, for example, if the unit is moved from cold place to into a warm room or if the temperature in the room in which the unit is installed suddenly (through heating, etc.). The unit will not operate properly and will not be playable with condensation inside.

Let the unit stand for 1 to 2 hours at room temperature (though this time depends on the conditions of the condensation) without turning on the power.

The water droplets will evaporate and the unit will become playable.

Condensation can occur in the summer as well if the unit exposed to the direct wind from an air-conditioner, etc. If this happens, move the unit to a different location.

Condensation is harmful for ...

- a motor unit (a commutator will be affected)
- a power supply
-etc.

— Acoustic Feedback (Howl-back)

Sometimes a high sensitivity tone arm/ pickup system can cause an acoustic feedback. If it happens, there will be necessary to take a acoustic isolation remedy between GMP-8000EX and loudspeakers used. One of the ideas is to place GMP-8000EX apart from the loudspeakers.

— When transporting the unit to another location

Use the original packing materials to pack the unit.

If the original package is not available, be sure to perform the following;

- Detach the driving line(wire) carefully from the pulley and the turntable.
- Detach the turntable sheet(AP-UD1) and the turntable, and pack carefully.
- Detach the tone arm from the "Tone-arm base" and pack carefully.
- Detach the tone arm rest and pack carefully.
- Wrap the main unit(cabinet) in a blanket or soft paper so that it will not be damaged.

Maintenance

Important notice

Generally, in normal use, disassembling the bearing assembly is not required.

There is no need to oil a motor unit. (It's undesirable to lubricate a oil-less motor)
And also, a center bearing assembly of this turntable system usually doesn't ask you to give itself oil on.

■ How to oil the bearing

[Important]

After continuous use for a long time period, time comes and you might need to add a small amount of oil on to the center bearing assembly. At that time, please remember disassembling the bearing assembly is nervous issue so that please be careful to handle it.

What is important here is that ;

- 1) When you remove a platter from a center bearing assembly, swaying or rocking from side to side can scratch up the outer bearing rotor surface and an inside surface of the platter center hole.
- 2) Avoid dusts to adhere (stick on) the surface of rotating portions, those kind of motes can cause troubles and, in the worst case, the bearing can be damaged.

Step-1)

Remove the AP-UD1 and the turntable (platter)

Step-2)

Pull a thrust off gently and in vertically at a breath (**Never sway!**)

Step-3)

A ceramic ball bearing and the cylinder surface comes out to be seen

Step-4) -OILING-

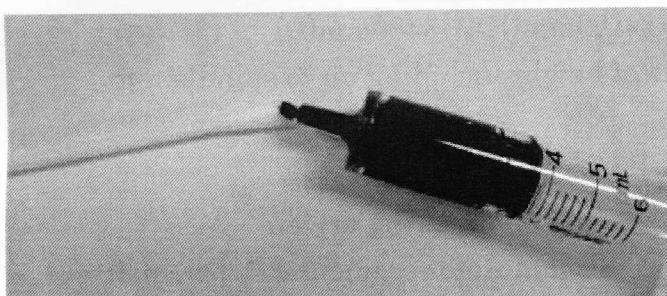
Take the injector "A" , then "B" and give 1-3 drops of oil per each injector on the inner wall of the outer bearing rotor

For an easy targeting, use an attached needle with the injector.

Step-5) -GREACING--

Switch the injector from "A" / "B" to "C".

To avoid over greasing on to the ceramic ball bearing, once apply grease to a pad of a cotton axis before an actual feed of it.



Then, using the cotton axis, give the ball bearing the grease very carefully.

Step-6)

Re-assemble the bearing assembly in a careful manner.

Insert the thrust straight to the cylinder. **Never sway** while you are doing it.

Step-7

Put on the turntable(platter) and the AP-UD1, again.

■ Specifications

Power voltage	110V, 120V, 220V, 230V, 240V AC, 50Hz/60Hz
Electridal consumption	10W
Weight	24kg (including a platter)
Max.external dimensions	650mm(W)×189mm(H)[*]×480mm(D)

*The value of height including up to spindle top

Turntable part

Drive method	DC Servo motor / String driven
Motor	9-phase(commutator segments) /1-pole pair Precious-metal brush Coreless DC motor with sparks-suppression
Braking system	None
Rotation speed	33 1/3rpm, 45rpm
Rotation error detection sensitivity	less than 0.0244%
Rotation speed adjustment range	±10% (approximately)

Usage Precautions

- Do not use this product if you notice something abnormal, such as smoke or a strange odor or sound. In such a case, immediately unplug the power cord from the socket. Never repair the product yourself but ask your dealer for repair.
- Pay attention that no water enters this product and that it does not get wet. Also do not insert or drop metal or flammable objects inside this product. If water or foreign objects should enter inside this product, immediately unplug the power cord and contact your dealer.
- Do not use this product at a voltage other than the indicated power supply voltage. Do not connect it to direct current, such as power supply used in boats.
- Do not remove the cover of this product or modify this product. Ask your dealer for inspection, adjustment or repair of inside parts of this product.

- Do not place this product in unstable places, such as a poorly secured table or an inclined surface.
- Do not place this product in locations that contain lots of airborne grease, humidity or dust, such as on a kitchen counter or near a humidifier.
- This product is heavy. Be sure to be at least two people when moving or installing it.
- The turntable is heavy. Be at least two people when installing it. Be careful that your fingers do not get caught between the turntable and the cabinet (main unit) when installing the turntable.
- To connect this product to other devices, first turn it off and then make the connection according to the instruction manuals of the other devices.

Warranty and After Sales Service

● About Warranty

Make sure that the name of your distributor and the date of purchase are written in the warranty. Read it carefully, and then keep it in a secure location. The warranty is valid for one year from the date of purchase.

● Malfunctions

If the product malfunctions in the course of normal use (use in accordance with the manual and safety precautions) during the warranty period, then we will repair the product free of charge. When you bring your product to the distributor for servicing, be sure to bring the warranty with you. See the guarantees in your warranty for details. We will repair malfunctions occurring after the warranty period has expired for a fee, in accordance with our servicing regulations.

Please note that we cannot provide any warranty or bear any liability for damage to any equipment that is connected to the unit resulting from incorrect use.

Contact Information

SPEC CORPORATION

TEL/FAX: +81-3-6272-6011

E-mail: info-ex@spec-corp.co.jp

URL : spec-corp.co.jp

Terms of Warranty

1. If this product malfunctions during use in accordance with the manual, and during the warranty period, then please bring the product and this warranty to the store where you purchased it. It will be repaired free of charge.
2. Only the main product is covered by the warranty. The warranty does not cover accessories and consumables.
3. If you cannot ask the store where you purchased it for repairs (e.g. if you have moved or the product was a gift), please consult with SPEC CORPORATION.
4. A fee will be charged for repairs in the following circumstances, even if it is during the warranty period.
 - (A) The product malfunctioned or was damaged due to user error or unauthorized repair or modification
 - (B) The product malfunctioned or was damaged due to dropping, etc. after purchase
 - (C) The product malfunctioned or was damaged due to fire, flooding, lightning and other weather phenomena, pollution, salt damage, or the like
 - (D) The product malfunctioned or was damaged due to other than normal use, such as long hours of continuous commercial use
 - (E) The main unit has been disassembled
 - (F) The text of the warranty has been changed or overwritten
 - (G) The malfunction was caused by another company's product
5. This warranty cannot be re-issued. Store it in a safe place, and do not lose it.

WARRANTY

Name		Telephone ()
Address		
Date of Purchase	Distributor Name & Telephone	
Warranty Period (Main Unit Only) One Year from Date of Purchase		

GMP-8000EX Turntable System

