Turntable System

Operating Instructions

Model No. ***SL-1210M5G***
SL-1200GLD



Technics®



EB E GN

Note:
"EB" on the packaging indicates the United Kingdom.

Before connecting, operating or adjusting this product, please read these instructions completely.
Please keep this manual for future reference.

RQT7020-1B

Dear customer

Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.

The illustrations and photograph in this manual are of the SL-1210M5G model.

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Supplied accessories

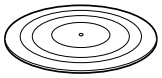


Please check and identify the supplied accessories.
For the United Kingdom only:
Use numbers indicated in parentheses when asking for replacements parts.

☐ **Turntable ..... 1pc.**
SL-1210M5G(SFTE172-01Z1)
SL-1200GLD(SFTE172-02Z)



☐ **Turntable mat ..... 1pc.**
SL-1210M5G/SL-1200GLD
(RGS0008)

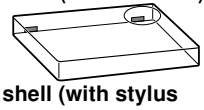


☐ **Disc slip sheet set (included only with SL-1210M5G) ... 1**
(RGS0005Z-1)
- **Disc slip sheet**
- **Transparent sheet**

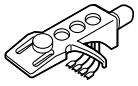


☐ **Golden slip sheet (included only with SL-1200GLD) .. 2**
(RGS0012Z)

☐ **Dust cover ..... 1pc.**
SL-1210M5G(RYF0370A-X)
SL-1200GLD(RGD0078AZ-T)



☐ **Head shell (with stylus weight) ..... 1pc.**
SL-1210M5G(SFPCC31006K)
SL-1200GLD(SFPCC31007K)



☐ **Balance weight ..... 1pc.**
SL-1210M5G(SFPWG17201BK)
SL-1200GLD(RYQ0156-N)



☐ **Auxiliary weight ..... 1pc.**
SL-1210M5G(SFPWG17202)
SL-1200GLD(RFE0024)



☐ **EP record adaptor .. 1pc.**
SL-1210M5G(SFWE010A)
SL-1200GLD(SFWE010B)



☐ **Shell weight ..... 1pc.**
SL-1210M5G/SL-1200GLD
(SFPZB3501)



☐ **Overhang gauge ..... 1pc.**
SL-1210M5G/SL-1200GLD
(SFK0135-01)



☐ **Screw set for cartridge .. 1**
SL-1210M5G/SL-1200GLD
- **Nuts(RHN26003)**
- **Screws-short(SFCZV8801-1)**
- **Screws-long(SFPEV9801-1)**
- **Washers(SFPEW9601)**



☐ **Sticker ..... 1pc.**
SL-1210M5G(RQLC0142-1)
SL-1200GLD(RQLC0111-1)

A cartridge is not included.

Technics

For United Kingdom and Republic of Ireland

shop@ **Panasonic** www.panasonic.co.uk (for UK customers only)

- Order accessory and consumable items for your product with ease and confidence by telephoning our Customer Care Centre Mon–Friday 9:00am–5:30pm.(Excluding public holidays.)
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For Republic of Ireland, please use the Customer Care Centre number listed above for all enquiries.
For all other product related enquiries, please use the Customer Care Centre numbers listed above.

CAUTION!

- DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.
- DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
- DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
- DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.

Although the AC power switch is in the "off" position, the unit is not completely disconnected from the mains. Remove the plug from the main electrical outlet if you will not be using the unit for an extended period of time. Place the unit so the plug can be easily removed.

SUOMI

VAROITUS!

- ÄLÄ ASENNA TAI LAITA TÄTÄ LAITETTA KABINETTITYYPPISEEN KIRJAKAAPPIIN TAI MUUHUN SULJETTUUN TILAAN, JOTTA TUULETUS ONNISTUISI. VARMISTA, ETTÄ VERHO TAI MIKÄÄN MUU MATERIAALI EI HUONONNA TUULETUSTA, JOTTA VÄLTETTÄISIIN YLIKUUMENEMISESTA JOHTUVA SÄHKÖISKU- TAI TULIPALOVAARA.
- ÄLÄ PEITÄ LAITTEEN TUULETUSAUKKOJA SANOMALEHDELLÄ, PÖYTÄLIINALLA, VERHOLLA TAI MUULLA VASTAAVALLA ESINEELLÄ.
- ÄLÄ ASETA PALAVAA KYNTTILÄÄ TAI MUUTA AVOTULEN LÄHDETTÄ LAITTEEN PÄÄLLE.
- HÄVITÄ PARISTOT LUONTOA VAHINGOITTAMATTOMALLA TAVALLA.

VAROITUS:

TULIPALO-, SÄHKÖISKUVAARAN TAI TUOTETTA KOHTAAVAN MUUN VAHINGON VÄHENTÄMISEKSI EI LAITETTA SAA ALTISTAA SATEELLE, KOSTEUDELLE, VESIPISAROILLE TAI ROISKEELLE, EIKÄ NESTETTÄ SISÄLTÄVIÄ ESINEITÄ, KUTEN ESIMERKIKSI MALJAKOITA, SAA ASETTAA LAITTEEN PÄÄLLE.

TÄMÄ LAITE ON TARKOITETTU KÄYTETTÄVÄKSI LEUDOSSA ILMASTOSSA.

Laite tulee asettaa lähelle verkkopistorasiaa ja pistokkeen täytyy olla sellaisessa asennossa, että siihen on helppo tarttua ongelman sattuessa.

Vaikka virtakytkin on "off"-asennossa, laite ei ole kokonaan irti verkkovirrasta. Irrota virtajohto pistorasiasta, jos laitetta ei aiota käyttää pitkään aikaan. Sijoita laite siten, että virtajohto on helposti irrotettavissa.

NORSK

ADVARSEL!

- APPARATET MÅ IKKE PLASSERES I EN BOKHYLLE, ET INNEBYGGET KABINETT ELLER ET ANNET LUKKET STED HVOR VENTILASJONSFORHOLDENE ER UTILSTREKKELIGE. SØRG FOR AT GARDINER ELLER LIGNENDE IKKE FORVERRER VENTILASJONSFORHOLDENE, SÅ RISIKO FOR ELEKTRISK SJOKK ELLER BRANN FORÅRSAKET AV OVERHETING UNNGÅS.
- APPARATETS VENTILASJONSÅPNINGER MÅ IKKE DEKKES TIL MED AVISER, BORDDUKER , GARDINER OG LIGNENDE.
- PLASSER IKKE ÅPEN ILD, SLIK SOM LEVENDE LYS, OPPÅ APPARATET.
- BRUKTE BATTERIER MÅ KASSERES UTEN FARE FOR MILJØET.

ADVARSEL:

FOR Å REDUSERE FAREN FOR BRANN, ELEKTRISK STØT ELLER SKADER PÅ PRODUKTET, MÅ DETTE APPARATET IKKE UTSETTES FOR REGN, FUKTIGHET, VANNDRÅPER ELLER VANNSPRUT. DET MÅ HELLER IKKE PLASSERES GJENSTANDER FYLT MED VANN, SLIK SOM BLOMSTERVASER, OPPÅ APPARATET.

DETTE APPARATET ER BEREGNET TIL BRUK UNDER MODERATE KLIMAFORHOLD.

Utstyret bør plasseres i nærheten av AC- stikkontakten, og støpslet må være lett tilgjengelig hvis det skulle oppstå problemer.

Selv om av/på-bryteren er i "off„ (av)-stilling, er ikke enheten helt frakoblet strømnettet. Trekk ut støpselet fra stikkontakten hvis du ikke kommer til å bruke enheten igjen på en stund. Plasser enheten slik at det er lett å trekke ut støpselet.

Caution for AC mains lead

(For United Kingdom)
("EB" area code model only)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 5-ampere fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark ⓐ or the BSI mark ♡ on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local dealer.

CAUTION!
IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.
THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted please observe the wiring code as stated below.
If in any doubt please consult a qualified electrician.

IMPORTANT
The wires in this mains lead are coloured in accordance with the following code:
Blue: Neutral, Brown: Live.
As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue.
The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL ⏚ OR COLOURED GREEN OR GREEN/YELLOW.

THIS PLUG IS NOT WATERPROOF—KEEP DRY.

Before use
Remove the connector cover.

How to replace the fuse
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.
Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.

Figure A

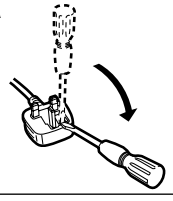
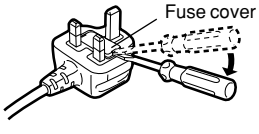


Figure B



2. Replace the fuse and close or attach the fuse cover.

Figure A

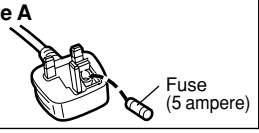
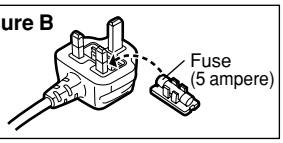


Figure B



Safety precautions

Placement

Set the unit up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration. These conditions can damage the cabinet and other components, thereby shortening the unit's service life.

Do not place heavy items on the unit.

Voltage

Do not use high voltage power sources. This can overload the unit and cause a fire.

Do not use a DC power source. Check the source carefully when setting the unit up on a ship or other place where DC is used.

AC mains lead protection

Ensure the AC mains lead is connected correctly and not damaged. Poor connection and lead damage can cause fire or electric shock. Do not pull, bend, or place heavy items on the lead.

Grasp the plug firmly when unplugging the lead. Pulling the AC mains lead can cause electric shock.

Do not handle the plug with wet hands. This can cause electric shock.

Foreign matter

Do not let metal objects fall inside the unit. This can cause electric shock or malfunction.

Do not let liquids get into the unit. This can cause electric shock or malfunction. If this occurs, immediately disconnect the unit from the power supply and contact your dealer.

Do not spray insecticides onto or into the unit. They contain flammable gases which can ignite if sprayed into the unit.

Service

Do not attempt to repair this unit by yourself. If sound is interrupted, indicators fail to light, smoke appears, or any other problem that is not covered in these operating instructions occurs, disconnect the AC mains lead and contact your dealer or an authorized service center. Electric shock or damage to the unit can occur if the unit is repaired, disassembled or reconstructed by unqualified persons.

Extend operating life by disconnecting the unit from the power source if it is not to be used for a long time.

CAUTION:
The AC voltage is different according to the area. Be sure to set the proper voltage in your area before use.
(For details, please refer to page 6.)

Features

A masterpiece amongst turntables with a worldwide reputation.
Highly accurate turntable speed maintained continuously with a quartz pitch control.
- The [±16/±8] button can control a wide range between –8 % and +8 % and –16 % and +16 %.
  The [±16/±8] indicator LED illuminates in the dark.
- The pitch can be varied throughout the range maintaining perfect accuracy.
- Pitch can be instantly reset to the rated speed (33 1/3 or 45 r/min) with the reset button.
- The pitch control slider can be easily replaced.

The direct drive produces high torque.
- Wow and flutter below 0.01 %. Starting torque of 1.5 kg-cm enabling the turntable to reach 33 1/3 r/min in 0.7 seconds.
- Smooth stops are achieved with a fully electronic braking system. The braking speed can be adjusted with the brake speed control knob.

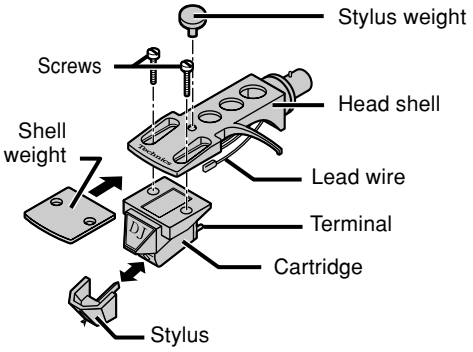
Tone arm with gimbal suspension
- Using the balance weight control measurement units on the tone arm, you can quickly change stylus pressure settings to the appropriate pressure.
- Stylus skipping can be reduced using horizontal weight control for scratch play.
- The tone arm can be finely adjusted in a range of 6 millimeters with the lockable height control.

Anti-vibration design with 3 layer cabinet construction and large insulating legs.
Pop-up stylus light.
- A light illuminates the stylus.

Preparation of the cartridge

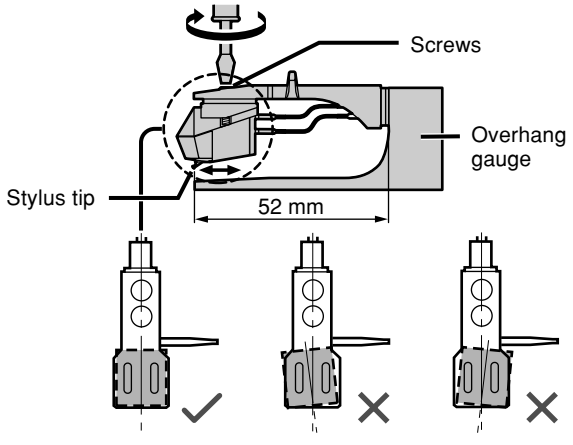
1 Attach a cartridge (not included).

Follow the cartridge's instructions to correctly attach it to the head shell.
- Use the included shell weight when using a light cartridge (3.5 to 6.5 grams).
- Remove the stylus weight.
  Using the stylus weight (➡ page 7).

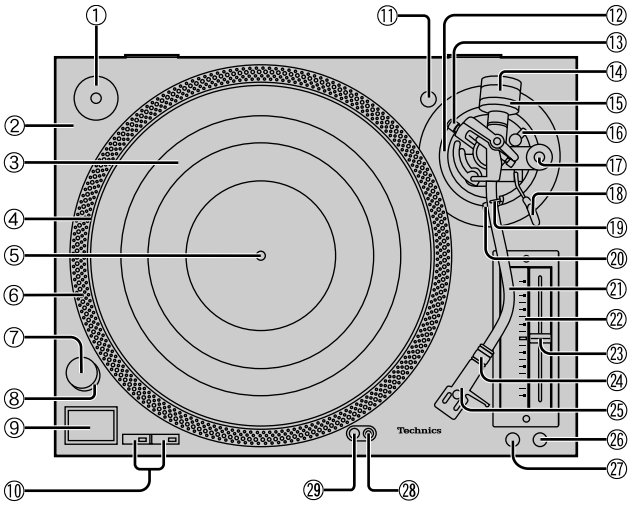


2 Adjust the overhang.

Fit the included overhang gauge to the head shell. Adjust the overhang and facing of the cartridge and tighten the screws.
- Line the stylus tip up with the end of the gauge.
- The cartridge should be parallel on the shell head.



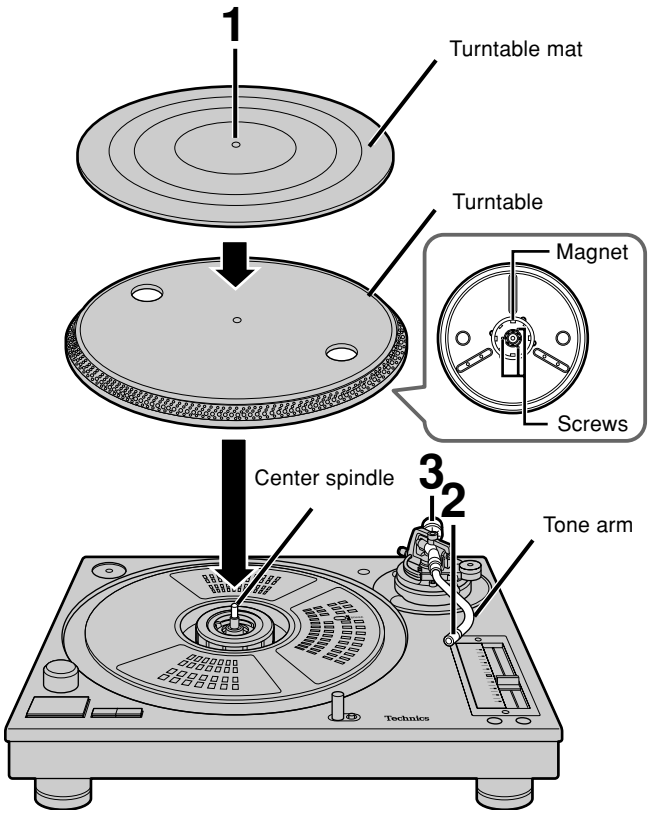
Controls



No.	Name	Reference page(s)
①	EP record adaptor	9
②	Turntable base	5
③	Turntable mat (Or disc slip sheet)	6
④	Turntable	6
⑤	Center spindle	6
⑥	Strobe mirrors	10
⑦	Power switch (power)	9
⑧	Strobe light, pilot lamp	9
⑨	Start-stop button (start-stop)	9
⑩	Speed select buttons (33, 45)	9
⑪	Shell stand	5
⑫	Arm-height control	8
⑬	Horizontal weight control knob	10
⑭	Balance weight	6
⑮	Stylus pressure control	7
⑯	Arm lock	8
⑰	Anti-skating control	7
⑱	Cue lever	7
⑲	Arm clamp	7
⑳	Arm rest	7
㉑	Tone arm	6
㉒	Pitch indicator	10
㉓	Pitch control (pitch adj.)	10
㉔	Locking nut	6
㉕	Head shell	6
㉖	Reset button (reset)	9
㉗	Variable range pitch button (±16/±8)	10
㉘	Stylus light switch	9
㉙	Stylus light	9

Putting the player together

In order to prevent damage during shipping some of the equipment has been disassembled.
Put the player together in the following order.
- Do not connect the AC mains lead until set up is complete.
- Leave the dust cover off until set up and adjustments are complete.

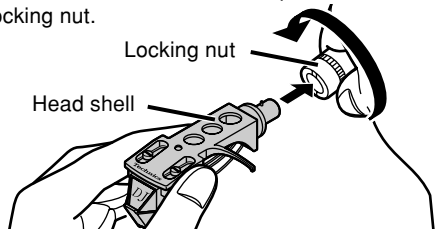


1 Fit the turntable and turntable mat.

Put the turntable on the center spindle and then lay the mat on top.
- Be very careful when putting the turntable on the main unit. The magnet on the bottom of the turntable is finely adjusted and sharp contact can cause it to move and lead to poor operation. Ensure the magnet remains free from dust and iron particles.
- Do not adjust the screws attaching the magnet to the turntable. The rated performance of the unit cannot be guaranteed if the magnet is moved.

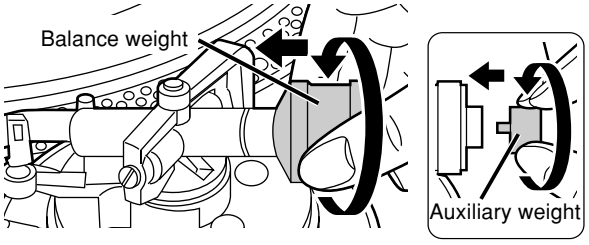
2 Attach the head shell.

Fit the head shell into the tone arm, keep it horizontal and tighten the locking nut.



3 Attach the balance weight to the rear of the tone arm.

If the cartridge weighs between 10 and 13 grams, attach the included auxiliary weight to the main balance weight.



Connections and installation

Connecting to an amplifier and AC mains lead

1. Connect the PHONO earth lead and stereo PHONO cables to the amplifier PHONO terminals.

Stereo phono cable	White (L) Red (R)	

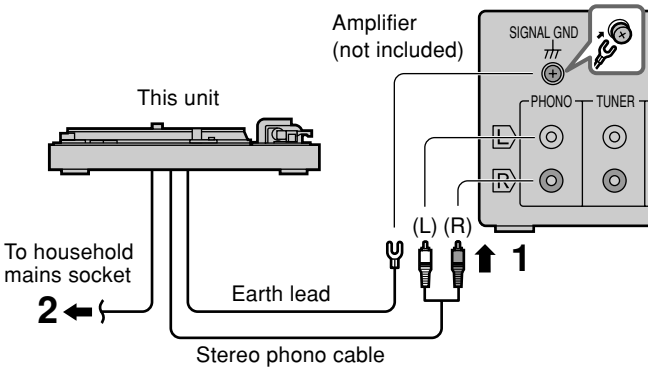
- If the earth lead isn't connected, a hum will be heard from the AC power source.
- You will not have adequate volume or sound quality if connecting to an amplifier that has no PHONO terminals.

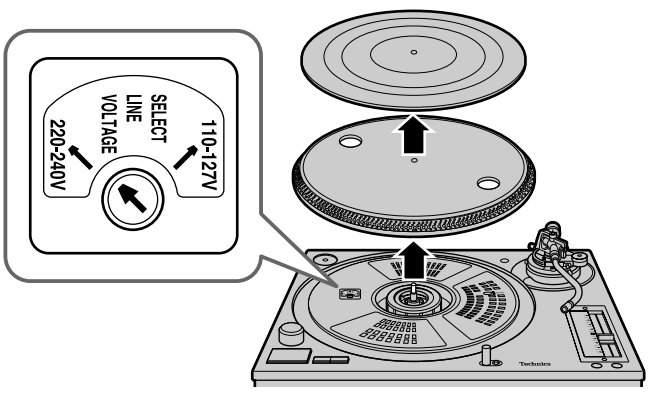
For the United Kingdom:
BE SURE TO READ THE CAUTION FOR THE AC MAINS LEAD ON PAGE 4 BEFORE PROCEEDING TO STEP 2.

2. Connect the AC mains lead.
- Connect this cord only after all other connections are complete.
- Confirm the wattage of AC outlets on amplifiers and receivers before using them for this unit. This unit consumes 15 W.

For your reference

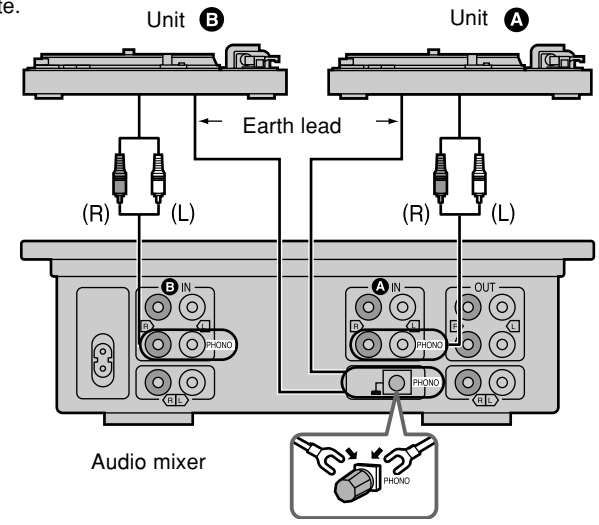
There is an AC line-voltage selector under the turntable. This allows you to change the voltage if you move to an area with a lower voltage. Check the voltage of your area before using the unit. If the selector needs to be changed, turn it with a screwdriver.





Connecting to an Audio Mixer (not included)

- Disconnect all units from the power source before making any connections.
- Reconnect the AC mains leads after all other connections are complete.



Installation

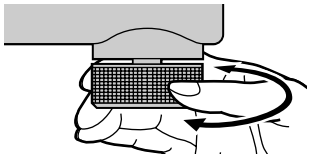
- Install the unit on a horizontal surface protected from vibrations.
- Keep this unit as far as possible from speakers.

Note

- Ensure the unit is not exposed to direct sunlight, dust, humidity, and heat from a heating appliance.
- This unit may pick up interference from a radio if there is one nearby. Keep radios as far as possible from this unit.

Adjusting the height of the insulators

Place the unit where it is to be used and adjust the height of the legs to make the unit horizontal.

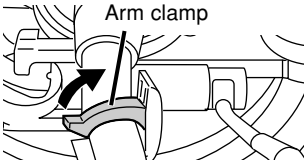


Preparatory adjustments

Horizontal balance and stylus pressure

1 Release the tone arm.

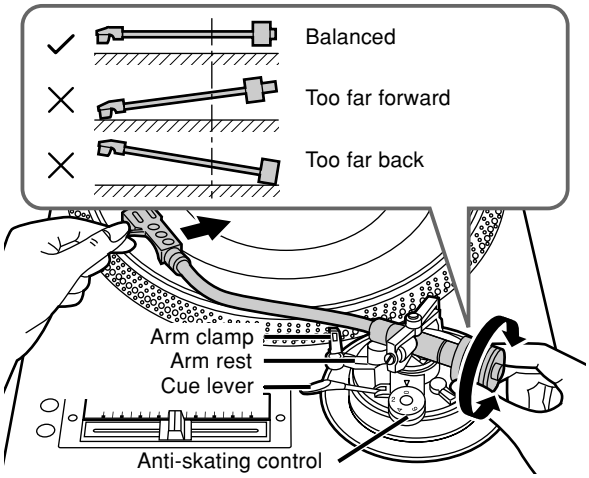
1. **Remove the stylus cover, taking care not to damage the stylus, then release the arm clamp.**
2. **Free the tone arm from the arm rest.**



2 Adjust horizontal balance

1. **Push the cue lever down.**
2. **Turn the anti-skating control to “0”.**
3. **Turn the balance weight until the arm is approximately horizontal.**

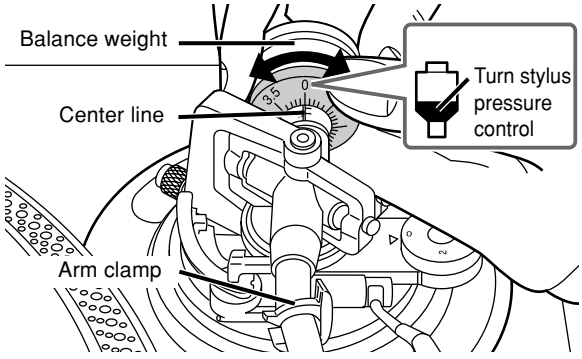
Take care at this time not to allow the stylus to touch the unit.



3 Turn the stylus pressure control to “0”

1. **Return the tone arm to the arm rest and fix it with the arm clamp.**
2. **Turn the stylus pressure control to “0”.**

Hold the balance weight still while doing this.

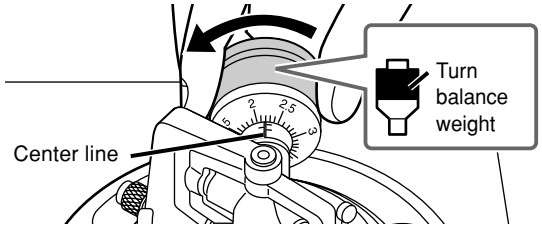


4 Adjust stylus pressure

Turn the balance weight to adjust to the appropriate pressure for the cartridge you are using.

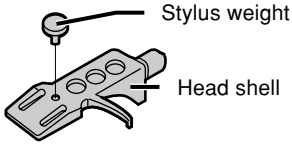
See the cartridge’s instructions for recommended stylus pressure.

The stylus pressure control will turn at the same time. Stop when the center line points to the required pressure.



For your reference

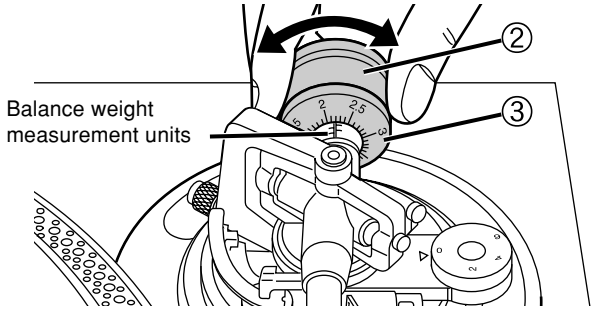
Use the stylus weight (included) to increase stylus pressure by 4 grams.



Using the balance weight control

Make note of the balance weight setting for your stylus cartridge, you can quickly change the stylus pressure without having to re-adjust the horizontal balance of the arm each time you remove and re-attach the stylus cartridge.

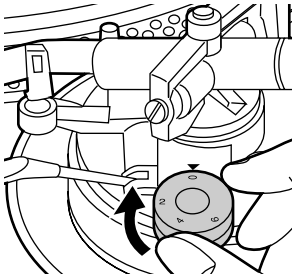
① **Attach the cartridge to the tone arm you are using.**
② **Turn the balance weight control to the setting you previously used to balance the weight including cartridge.**
③ **Turn the stylus pressure control dial to the setting you previously used to balance the weight including cartridge.**



Anti-skating

Adjust the dial to the same value as the stylus pressure control when playing normal music.

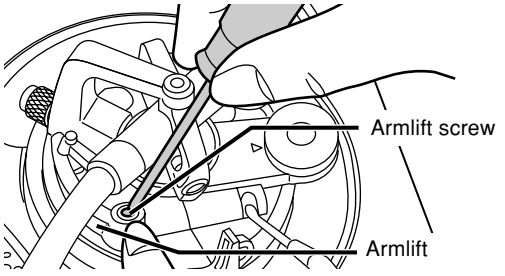
For scratch play
Adjust the control to reduce skipping.



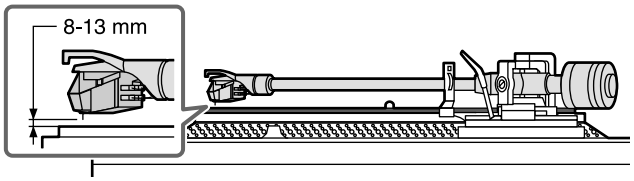
Armlift height

Preparation
1. Put a record on the turntable.
2. Take off the stylus cover and release the arm clamp.

Use a screwdriver to turn the armlift screw.
Make this adjustment only if the cartridge you are using makes it necessary.
- Turning the screw clockwise lowers the armlift.
- Turning the screw anti-clockwise raises the armlift.

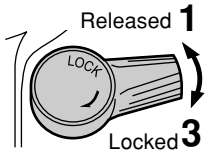


Note
Armlift height (the distance between the record and stylus when the cue lever is raised) is set to between 8 and 13 millimeters at time of shipment.

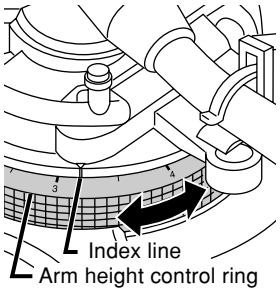


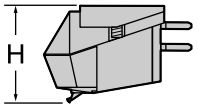
Tone arm height

1. Release the arm lock.



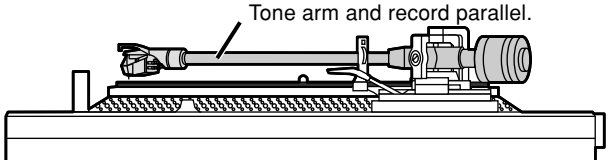
2. Adjust the arm height.
- Adjust the ring using the chart below as reference so the arm height matches the indicated height of the cartridge. Measurements are marked on the arm height control ring in 0.5 millimeter intervals.





Cartridge height (H) in millimeters	Height control position
17	0
18	1
19	2
20	3
21	4
22	5
23	6

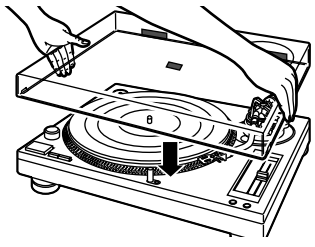
- If you do not know the height of your cartridge, rest the stylus on a record and adjust the height control until the tone arm and record are parallel.



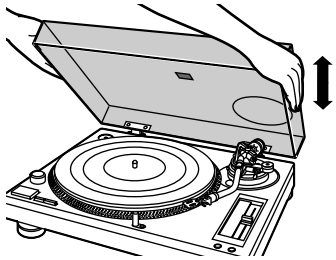
3. Lock the arm after adjusting the height.

Fit the dust cover

SL-1210M5G
Hold the dust cover with both hands and fit it over the player from directly above.

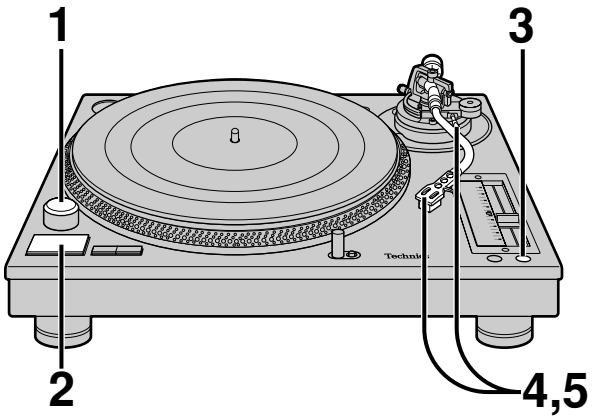


SL-1200GLD
Place the dust cover in position from directly above, holding it at both sides.
For detaching the dust cover, be certain first to raise it as illustrated before removal.



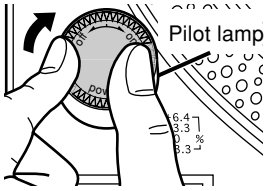
Playing records

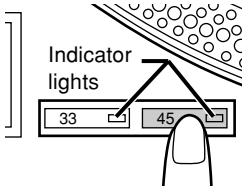
Preparation
1. Put a record on the turntable.
2. Take off the stylus cover and release the arm clamp.



1 Turn [power] to turn the unit on.

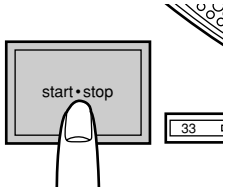
- The pilot lamp comes on.
- 33 1/3 r/min is automatically selected and the indicator lights.
- Press [45] if you are playing a 45 r/min record.





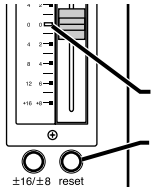
2 Press [start-stop].

The turntable starts revolving.



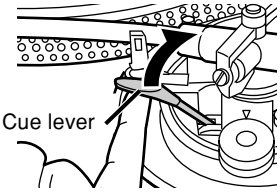
3 Press [reset] to light the pitch control green LED lamp.

The pitch returns to 33 1/3 or 45 r/min.



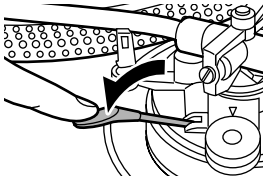
Use the above indicated pitch for playing standard music.

4 Lift the cue lever and move the tone arm over the record.



5 Lower the cue lever.

The tone arm moves down and play starts.



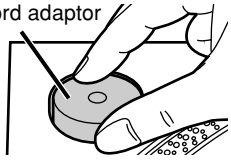
To temporarily stop play

Lift the cue lever.
The stylus lifts off the record.

Refer to page 10 for fine adjustments to the pitch

When using EP records

EP record adaptor



1. Take the EP record adaptor out of its holder and fit it over the center spindle.
2. Press [45] to change the speed.

When play finishes

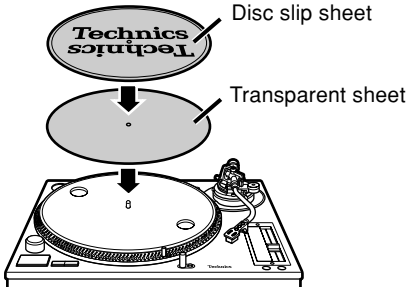
1. Lift the cue lever and move the tone arm back to the arm rest.
2. Press [start-stop].
   The electronic brake gently stops the turntable.
3. Turn [power] to turn the unit off.
4. Clamp the tone arm and put the stylus cover back on.

When the player is to be used for scratch play.

Use the disc slip sheet instead of the turntable mat. This enables the record to be easily moved during play.
- Top (printed side): Lay the record on this side.
- Bottom: Slippery side.

For a different kind of slip

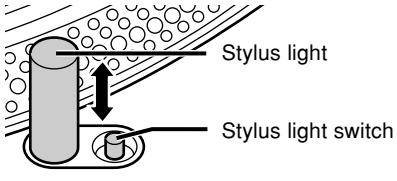
Put the transparent sheet under the disc slip sheet.



To light up the stylus
- Press the stylus light switch. The stylus light rises up and illuminates the stylus.
- When the light is not required, press it down. The light also goes out.

Note

Press the switch firmly. If the switch is lightly pressed, the light may come on but not rise up.



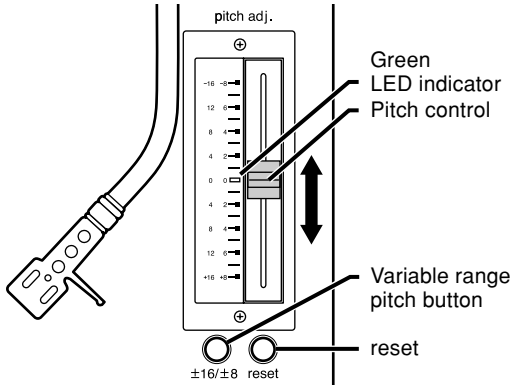
Pitch control

Fine adjustment to the number of revolutions per minute.

1 Press [reset] to turn off the green LED light.

2 Press [±16/±8] to select the pitch.

- When [±16/±8] is pressed once (up position), the [±16] pitch indicator lights on the pitch control slider.
- When [±16/±8] is pressed twice (down position), the [± 8] pitch indicator lights on the pitch control slider.



3 Slide [pitch adj.] while the turntable is revolving.

Move the control to the required position.

- The numbers represent approximate percentages.
- Pitch can be adjusted between –8 % and +8 % or –16 % and +16 %.

To reset pitch to the preset value

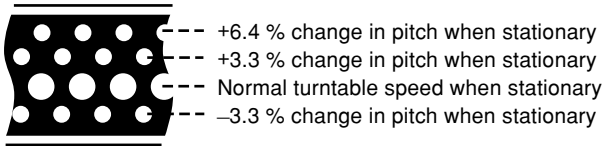
Press [reset].

The green LED indicator lights and the pitch immediately returns to the set value (33 1/3 or 45 r/min), regardless of any adjustments made with [pitch adj.].

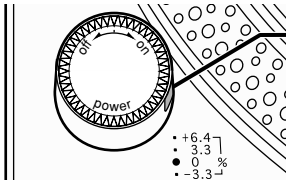
Press [reset] again and pitch returns to the adjusted value.

To measure pitch

The four rows of strobe mirrors around the edge of the turntable can assist you in measuring pitch.



They are lit by the strobo light as they pass and each row appears to stand still at a different pitch.



Strobo light

Note

Read the pitch control slider replacement instructions that comes with this product carefully when replacing the pitch control slider.

Adjusting tone arm horizontal weight to reduce skipping when scratch playing.

The horizontal weight of the tone arm can be adjusted using the horizontal weight control knob on the gimbal suspension to reduce skipping when scratch playing.

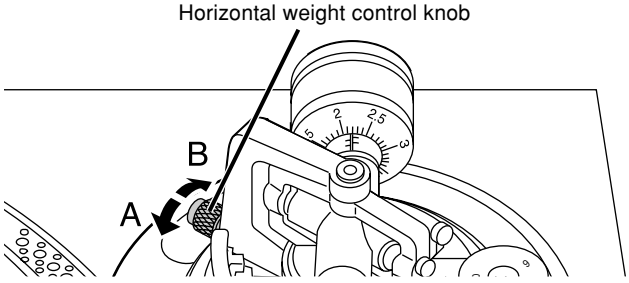
For scratch play

Turn the knob all the way in the “A” direction to apply horizontal weight.

For normal play

Turn the knob all the way in the “B” direction to reduce horizontal weight.

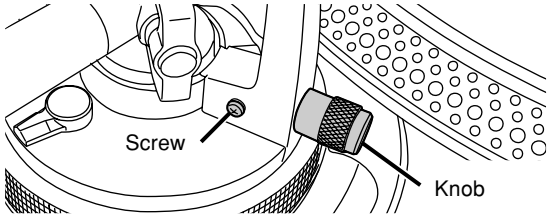
- Do not move the horizontal weight control knob when playing music.



When the horizontal weight control knob becomes worn out

Replace with a new horizontal weight control knob.

Loosen the fastening screw to remove the knob.



Note

Consult with a qualified dealer when purchasing a horizontal weight control knob.

Use the following product number when asking for the replacement.

Product reference No. RGZ0053Z-S.

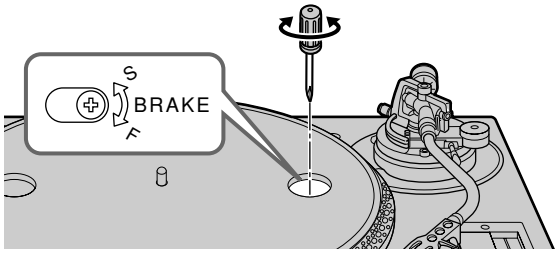
Adjusting the turntable brake speed

Brake speed can be adjusted by pressing [start-stop] until the turntable stops.

Use a small screwdriver in the hole on the turntable to adjust the brake speed.

S: Slow stop

F: Fast stop



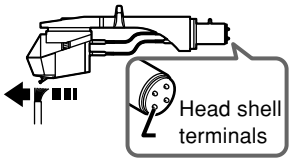
Maintenance

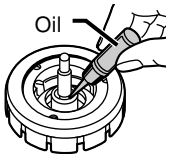
Care of the parts

To clean this unit, wipe with a soft, dry cloth.
- Never use alcohol, paint thinner, or benzine to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Note
Do not wipe the dust cover while playing a record.
This can cause static electricity. This static can cause the tone arm to be attracted towards the cover.

Thoroughly clean dust off the stylus and record.
- Use a soft brush to clean the stylus. Brush from the base to the tip.
- Use a good quality record cleaner to keep your records clean.





Wipe the head shell terminals occasionally.
Use a soft cloth. Turn the amplifier off before fitting or removing the head shell.
- Damage to your speakers can occur if the head shell is moved while the volume is turned up.
- Leave the stylus cover on while handling the head shell to prevent damaging the stylus.

Oiling the center spindle.
Apply 2 or 3 drops every 2000 hours of operation. Use SFW0010 oil (not included).

Moving the unit

Repackage the unit in the packaging it came in.
If you no longer have the packaging, do the following:
- Return the tone arm to the arm rest and tape it in place.
- Remove the balance weight and head shell from the tone arm and carefully wrap them.
- Take off the turntable and turntable mat and carefully wrap them.
- Carefully wrap the main unit in a blanket or paper.

Troubleshooting guide

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.
If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to the directory of Authorized Service Centers (enclosed with this unit) to locate a convenient service center, or consult your dealer for instructions.

Problem	Probable cause(s)	Suggested remedy	Reference page(s)
No power.	Is the AC mains lead plugged in?	Plug the cord in firmly.	**6**
There is power but no sound. Sound is weak.	Are connections to the amplifier/receiver's PHONO terminals correct?	Connect the stereo pin cables to the amplifier's PHONO terminals.	**6**
Left and right sounds are reversed.	Are the stereo phono cable connections to the amplifier or receiver reversed?	Double check all connections.	**6**
Humming heard during play.	Are there other appliances or their AC mains leads near the stereo phono cable?	Separate the appliances and their AC mains leads from this unit.	—
	Is the earth lead connected?	Make sure the earth lead is correctly connected.	**6**

Specifications

Turntable section

Type	Quartz direct drive Manual turntable
Drive method	Direct drive
Motor	Brushless DC motor
Turntable platter	Aluminum diecast Diameter 33.2 cm Mass 1.7 kg
Turntable speeds	33 1/3 r/min, 45 r/min
Variable range pitch	±8 %, ±16 % (two settings)
Starting torque	1.5 kg·cm
Build-up characteristics	0.7 s. from standstill to 33 1/3 r/min
Braking system	Electronic brake
Wow and flutter	0.01 % WRMS※ 0.025 % WRMS (JIS C5521) ±0.035 % peak (IEC 98A Weighted)
Rumble	–56 dB (IEC 98A Unweighted) –78 dB (IEC 98A Weighted)

※This rating refers to turntable assembly alone, excluding effects of record, cartridge or tonearm, but including platter. Measured by obtaining signal from built-in frequency generator of motor assembly.

Tonearm section

Type	Universal
Effective length	230 mm
Arm height adjustment range	0 – 6 mm
Overhang	15 mm
Effective mass	12 g (without cartridge)
Offset angle	22°
Friction	Less than 7 mg (lateral, vertical)
Tracking error angle	Within 2° 32' (at the outer groove of 30 cm record) Within 0° 32' (at the inner groove of 30 cm record)
Stylus pressure adjustment range	0 – 4 g
Applicable cartridge weight range	3.5 – 13 g 11 – 20.5 g (including headshell)
(with auxiliary weight)	9.5 – 13 g 17 – 20.5 g (including headshell)
(with shell weight)	3.5 – 6.5 g 11 – 14 g (including headshell)
Headshell weight	7.5 g

General

Power supply		AC 110 – 127 V/220 – 240 V, 50 Hz
Power consumption		15 W
Dimensions (W×H×D)	**SL-1210M5G**	45.3 × 17.2 × 35.5 cm
	SL-1200GLD	45.3 × 17.2 × 36.0 cm
Mass		11.7 kg

Note
Specifications are subject to change without notice.
Mass and dimensions are approximate.

Matsushita Electric Industrial Co., Ltd.
Web Site : http://www.panasonic.co.jp/global/

En

RQT7020-1B
M0203TK1123