

# Technics®



## SL-1300G

Direct Drive Turntable System  
Platine tourne-disque à entraînement direct

Owner's Manual  
Manuel d'utilisation

Music is borderless and timeless, touching people's hearts across cultures and generations. Each day the discovery of a truly emotive experience from an unencountered sound awaits. Let us take you on your journey to rediscover music.

Sans frontières, la musique est aussi intemporelle, touchant le coeur des gens en traversant les cultures et les générations. Tous les jours, nous attendons la révélation d'une expérience émotionnelle authentique à partir d'un son venu de nulle part. Permettez-nous de vous emmener en voyage pour redécouvrir la musique.

Rediscover Music™

**Technics**

## Delivering the Ultimate Emotive Musical Experience to All

At Technics we understand that the listening experience is not purely about technology but the magical and emotional relationship between people and music.

We want people to experience music as it was originally intended and enable them to feel the emotional impact that enthuses and delights them.

Through delivering this experience we want to support the development and enjoyment of the world's many musical cultures. This is our philosophy.

With a combination of our love of music and the vast high-end audio experience of the Technics team, we stand committed to building a brand that provides the ultimate emotive musical experience by music lovers, for music lovers.

## Apportez à tous l'expérience musicale empreinte d'émotions

Chez Technics, nous savons que l'expérience de l'écoute n'est pas purement et simplement une question de technologie, mais de relation magique entre les personnes et la musique.

Nous voulons que tout un chacun puisse ressentir la musique telle qu'elle a été conçue à l'origine et lui permettre de ressentir le choc émotionnel qu'il brûle de connaître.

En apportant ce vécu, nous cherchons à accompagner le développement et le plaisir des nombreuses cultures musicales du monde. Telle est notre philosophie.

Ici et maintenant, alliant l'amour de la musique et la grande expérience musicale de l'équipe Technics, nous sommes pleinement déterminés à construire une marque qui apporte le vécu musical émotionnel aux fervents de la musique.

Director  
Directeur  
Michiko Ogawa



# Introduction

Thank you for purchasing this product. Please read these instructions carefully before using this product, and save this manual for future use.

- About descriptions in these operating instructions
  - Pages to be referred to are indicated as “(⇒ 00)”.
  - The illustrations shown may differ from your unit.

If you have any questions, visit:  
<https://help.na.panasonic.com>

Register online at  
<https://help.na.panasonic.com>  
(U.S. customers only)

# Features

- **Coreless direct drive motor and “ $\Delta\Sigma$ -Drive”, new-generation motor drive technology, to achieve high precision, stable rotation and high reliability**
  - The adoption of coreless direct drive motor and highly precise motor control technology reduces minute vibration and achieves high reliability during rotation while maintaining high torque.
  - In line with the design concept of the top-tier SL-1000R model and to minimize unwanted vibration caused by the motor, a reinforcing pattern has been created on the stator board to increase rigidity.
  - The newly developed  $\Delta\Sigma$ -Drive motor drive circuit technology suppresses minute vibration caused by the motor and further reduces the transmission of vibration to the stylus tip on the record.
- **A turntable with high rigidity and improved vibration damping capacity**
  - A brass weight and aluminum die-cast plate are tightly integrated and then backed by a rubber sheet to prevent unnecessary resonance. This three-layer structure provides a large inertial mass, high rigidity, and excellent vibration damping capacity. Furthermore, products are adjusted one by one using a high-precision balancer to minimize unwanted vibration due to decentering, thus achieving smooth, stable rotation.
- **The tone arm with high-precision bearings achieves high initial-motion sensitivity**
  - The tone arm pipe made of light, highly rigid aluminum as well as the traditional Technics gimbal suspension construction and high-precision bearings attain high initial-motion sensitivity.
- **Vibration-proof cabinet and insulators**
  - The two-layered cabinet is made by tightly integrating a chassis made from BMC that has high specific gravity and rigidity with an aluminum die-cast top plate that has a special rib pattern on its back to increase the rigidity and vibration damping capacity. The special silicon rubber insulators providing excellent vibration damping capacity and long-term reliability reduce external vibration and suppress unwanted effect on the sound quality.
- **Newly designed low-noise power supply to suppress external noise**
  - We have adopted the newly designed low-noise switching power supply which utilizes the know-how for Technics Grand Class amplifiers/digital players and the noise removal circuit of the top-tier SL-1000R model.

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# IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



## AC power supply cord

- The power plug is the disconnecting device. Install this unit so that the power plug can be unplugged from the socket outlet immediately.
- Ensure the earth pin on the power plug is securely connected to prevent electrical shock.
  - An apparatus with CLASS I construction shall be connected to a power socket outlet with a protective earthing connection.

## Caution

### Unit

- Do not place sources of naked flames, such as lighted candles, on this unit.

### Placement

- To reduce the risk of fire, electric shock or product damage,
  - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
  - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
- Keep your speakers at least 10 mm ( $13/32$ " ) away from the system for proper ventilation.
- Keep any IC card or magnetic card such as a credit card away from the turntable.
  - Otherwise the IC card or magnetic card may become unusable due to magnetic effect.

## Warning

### Unit

- To reduce the risk of fire, electric shock or product damage,
    - Do not expose this unit to rain, moisture, dripping or splashing.
    - Do not place objects filled with liquids, such as vases, on this unit.
    - Use only the recommended accessories.
    - Do not remove covers.
    - Do not repair this unit by yourself.
- Refer servicing to qualified service personnel.



The following mark and symbols are located on bottom of the unit.



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.

## THE FOLLOWING APPLIES ONLY IN THE U.S.A.

### FCC Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution:

To assure continued compliance, follow the attached installation instructions and use only shielded interface cables when connecting to peripheral devices.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### Supplier's Declaration of Conformity

Trade Name: Technics

Model No.: SL-1300G

### Responsible Party:

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, NJ 07102-5490

Support Contact: <https://help.na.panasonic.com>



### Information on Disposal in other Countries outside the European Union



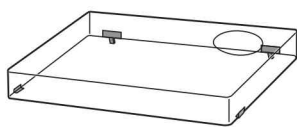





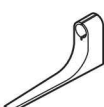
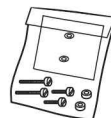
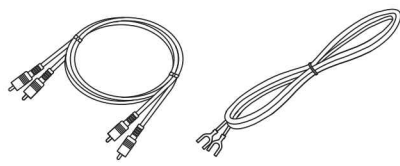
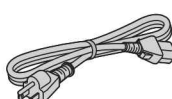

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.



# Accessories

In order to prevent damage during shipping some of the equipment has been disassembled. Please check and identify the supplied accessories. (Some accessories parts are supplied in a bag.)

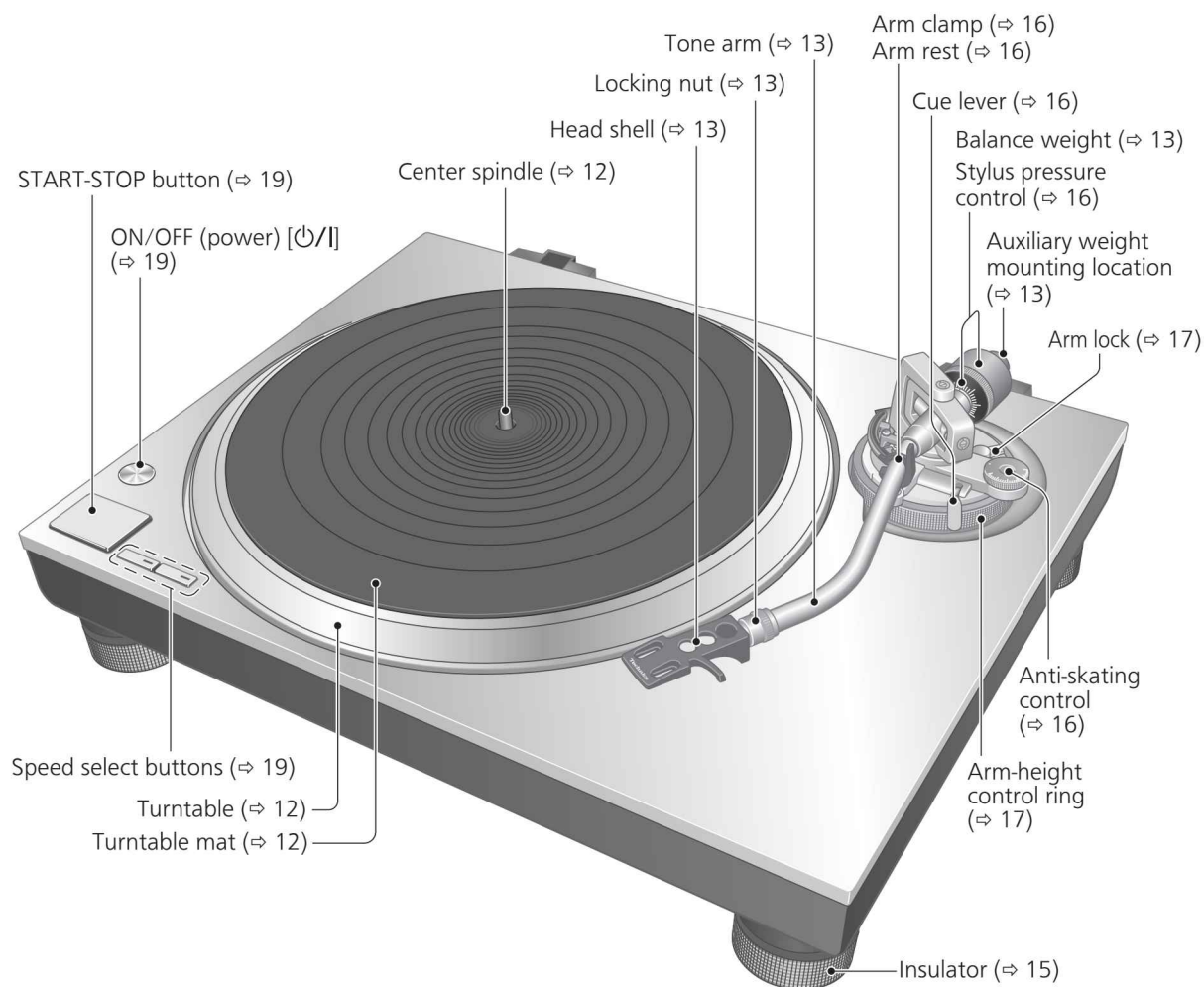
<p>Turntable (1 pc.) SL-1300GP-S : (TTV0206) SL-1300GP-K : (TTV0207)</p> 	<p>Turntable mat (1 pc.) (RGS0008A)</p> 	<p>Dust cover (1 pc.) (TTFA0457)</p> 
<p>EP record adaptor (1 pc.) SL-1300GP-S : (TBMX5422) SL-1300GP-K : (TBMX5421)</p> 	<p>Balance weight (1 pc.) SL-1300GP-S : (TYL0752) SL-1300GP-K : (TYL0295)</p> 	<p>Auxiliary weight (1 set) Small : (TKKH51441)  Big : (TPAKK62) </p>
<p>Head shell (1 pc.) (TPH0965)</p> 	<p>Overhang gauge (1 pc.) (RMR2210-W)</p> 	<p>Screw set for cartridge (1 set) (TTV0202) ● Nuts (2 pc.) ● Screws-short (2 pc.) ● Screws-long (2 pc.) ● Washers (2 pc.) (Supplied in a bag)</p> 
<p>PHONO cable (1 pc.) PHONO earth lead (1 pc.) (TAQ0036)</p>		<p>AC power supply cord (1 pc.) (K2CG3YY00191)</p> 
<p>Screw set for turntable (1 set) (TTV0142) ● Screws-long (3 pc.) ● Washers (3 pc.) ● Belleville springs (3 pc.)</p> 		

- The model numbers of the accessories are as of October 2024. They are subject to change without notice.
- Keep the packaging materials after taking out the goods. You will need them when carrying the product over long distances.
- Follow the local regulations when disposing of the product.
- Do not use any other AC power supply cord, PHONO cable and PHONO earth lead except the supplied one.
- Keep the cartridge, auxiliary weight, nuts, screws, washers and overhang gauge out of reach of children to prevent swallowing.
- Illustrations and figures in this manual are of the silver main body.

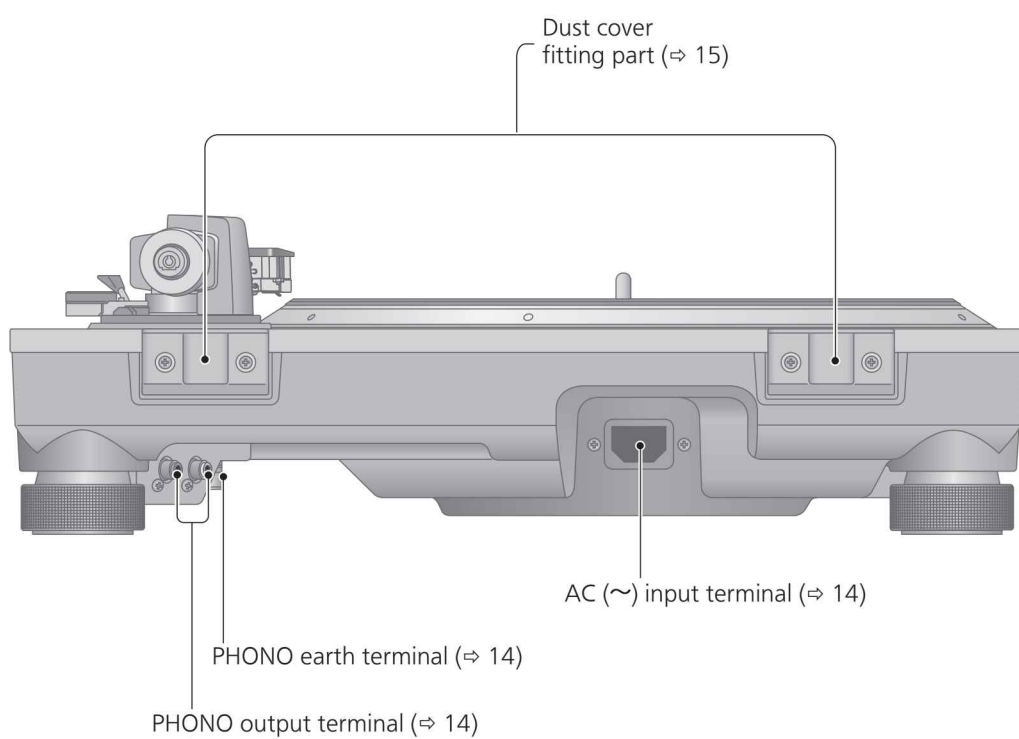
# Parts Name

Numbers such as (⇒ 00) indicate reference pages.

Front





[Back](#)

# Putting the player together

## Connecting to the PHONO terminals and AC IN terminal

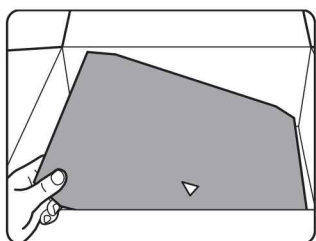
Preliminary steps to set up your turntable – Audio and power connections

### Attention

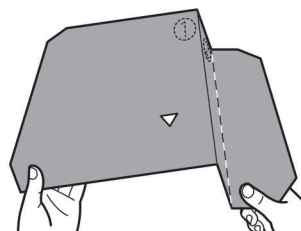
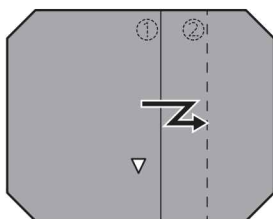
- Be careful not to tip the turntable over!
- Please use the provided packing material as shown below to safely invert the unit during installation.

**1** Lateral pressure cannot be applied to the insulators. To avoid accidental damage please use the provided packing material, as shown below, to safely support the turntable during installation.

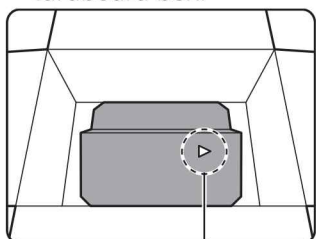
① Take out the pad in the bottom.



② Fold the pad along the creases on the back side.

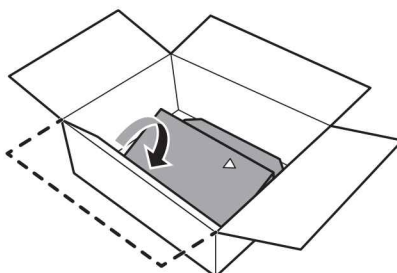


③ Put the pad into cardboard box.

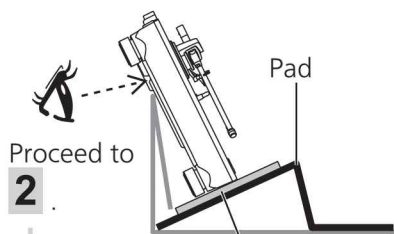


Position the pad as shown.

④ Fold the front flap inside.



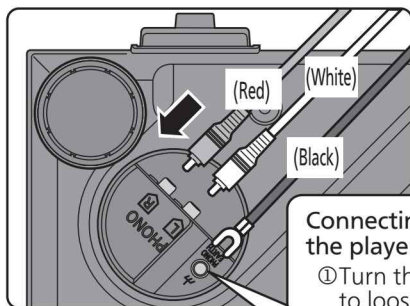
⑤ Rest the player in the box.



Proceed to **2**.

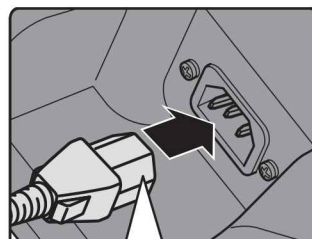
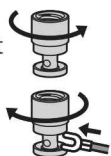
To avoid damaging the player, cover the player contact area with a soft cloth or a protection sheet wrapping the player.

**2** Connect the supplied PHONO cable, PHONO earth (ground) lead, and AC power supply cord.



Connecting the PHONO earth lead to the player and amplifier.

- ① Turn the terminal to the left to loosen.
- ② Insert the earth lug and tighten the terminal securely.



Insert the AC power supply cord up to a point just before the round hole.



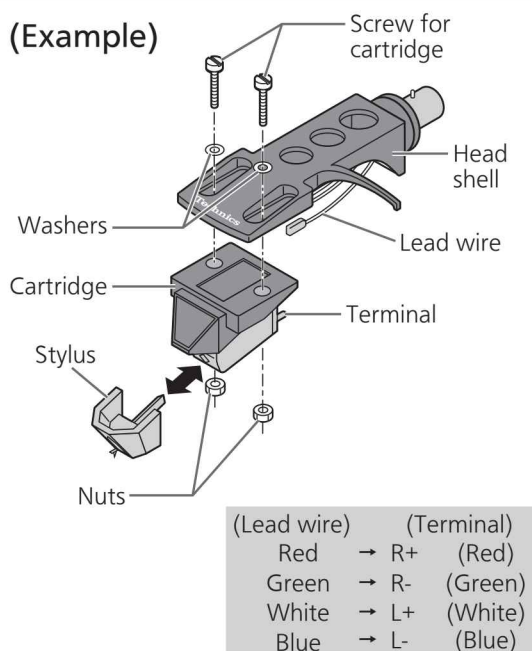
## Attaching the cartridge

### 1 Attach a cartridge (store-bought) tentatively.

Follow the cartridge's instructions to correctly attach it to the head shell, and tighten the screws lightly.

- If the mounting screws are included in the cartridge, use them.
- When playing SP records, use a cartridge for SP records.
- Use a commercially available mini flat screwdriver (4 mm [ $5/32$ "]).

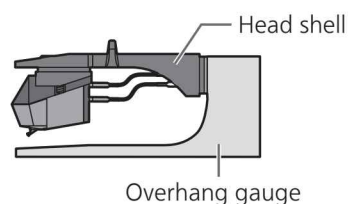
#### (Example)



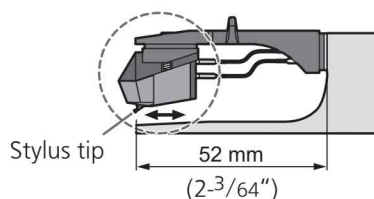
### 2 Adjust the overhang.

Use the included overhang gauge.

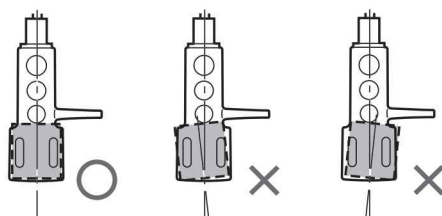
- ① Fit the overhang gauge to the head shell.



- ② Move the cartridge to line the stylus tip up with the end of the gauge.

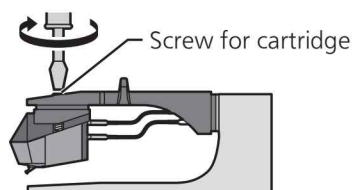


- The cartridge should be parallel on the shell head when viewed from the top and side (the illustration is the top view).



- ③ Tighten the screw for cartridge.

- Be careful not to allow the cartridge to slip out of place.



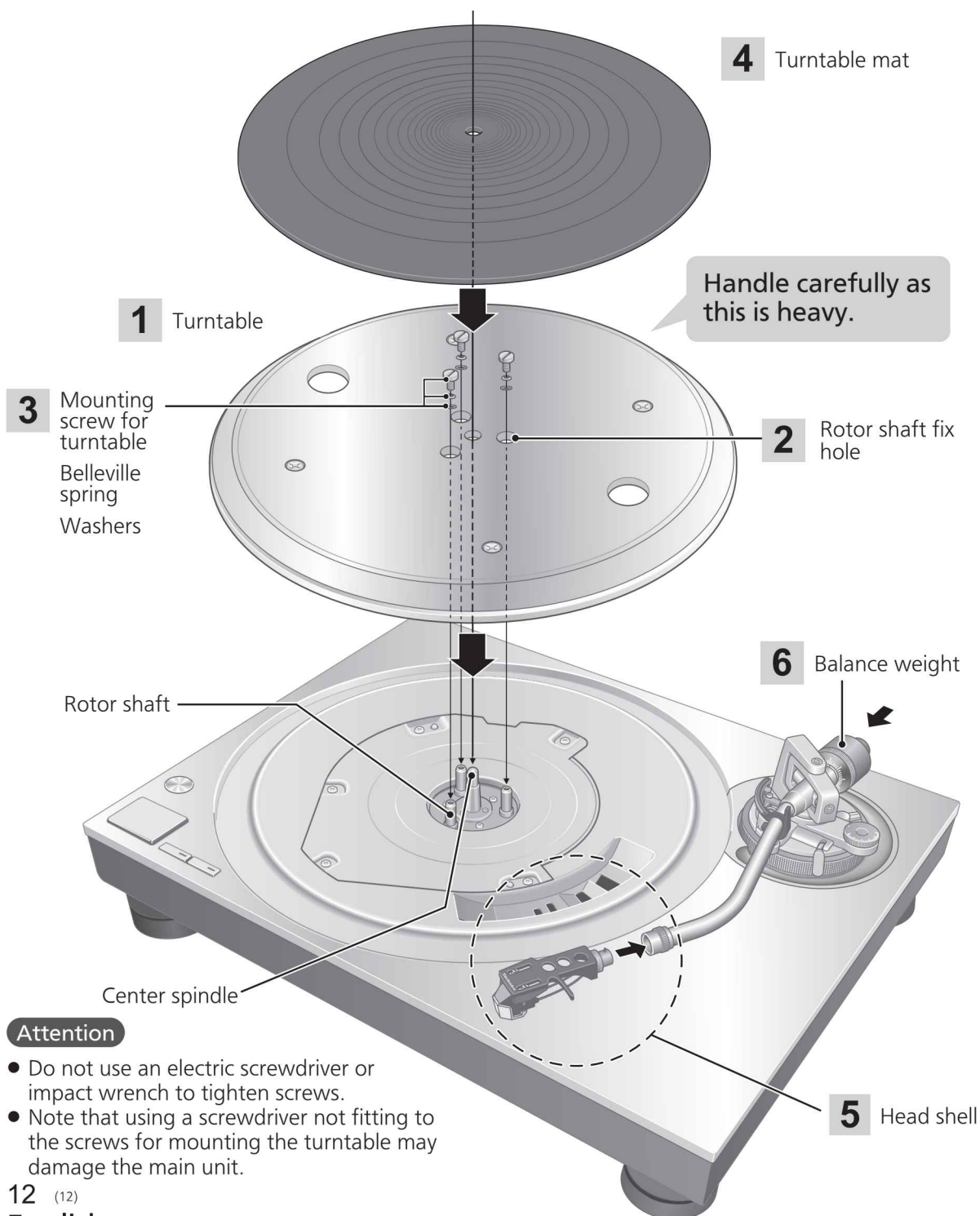
The overhang can be adjusted optimally.

# Putting the player together (continued)

In order to prevent damage during shipping, some of the equipment has been disassembled. Put the player together in the following order.

## Attention

Do not connect the AC power supply cord until set up is complete.



## Attention

- Do not use an electric screwdriver or impact wrench to tighten screws.
- Note that using a screwdriver not fitting to the screws for mounting the turntable may damage the main unit.

## Fitting the turntable

### 1 Insert the center spindle in the center hole of the turntable.

#### Attention

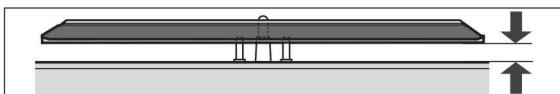
- Be careful when handling the turntable, as it is heavy.
- Wipe off fingerprints or dirt with a soft cloth.

### 2 Slowly lower the turntable while aligning the rotor shaft fix holes (three locations) with the rotor shafts.

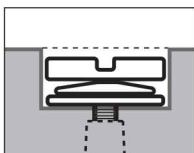
- Turn the turntable in both directions to align the holes with the rotor shafts.

#### Attention

- If the rotor shafts are misaligned, a gap remains between the turntable and main unit and you cannot mount the turntable correctly. Do not force the turntable downward.



### 3 Attach the washers, belleville springs, and screws for turntable to the rotor shaft fix holes, and tighten the mounting screws securely.



#### Attention

- When tightening screws, do not allow screw heads to protrude from the top surface of the turntable.
- Tighten the three screws evenly.

#### ■ To remove the turntable

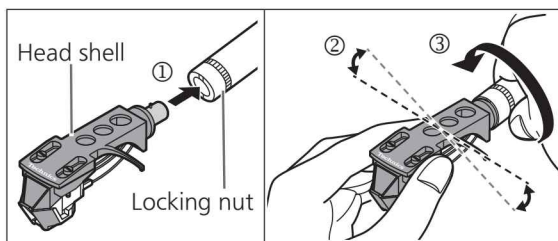
- ① Loosen the mounting screws for turntable and remove them.  
-Keep the screws, belleville springs, and washers carefully.
- ② Hold the turntable with both hands and slowly pull it straight up.

## Fitting the turntable mat

### 4 Lay the turntable mat on the turntable.

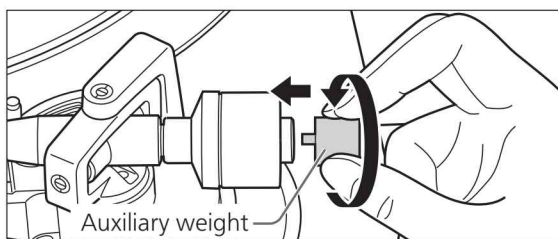
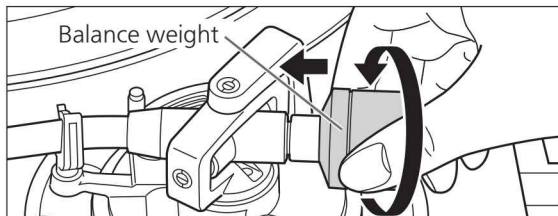
## Attaching the head shell

- ### 5
- ① Fit the head shell with the cartridge into the tone arm.
  - ② Adjust the head shell so that it becomes horizontal.
  - ③ While keeping the head shell horizontal, tighten the locking nut.
- Be careful not to touch the stylus tip.



## Attaching the balance weight

### 6 Attach the balance weight to the rear of the tone arm.



- Attach the included auxiliary weight to the rear of the tone arm according to the weight of your cartridge.  
For adjustable cartridge weight ranges, see "Applicable cartridge weight range". (⇒23)

#### Note

- The inside of the balance weight is greased.



# Connections and installation

- Turn off all units and disconnect the AC power supply cord from the socket before making any connections.
- Connect the AC power supply cord only after all other connections are completed.
- Be sure to connect the PHONO earth lead. Otherwise mains hum may occur.
- Refer also to the instruction manual of the connected device.

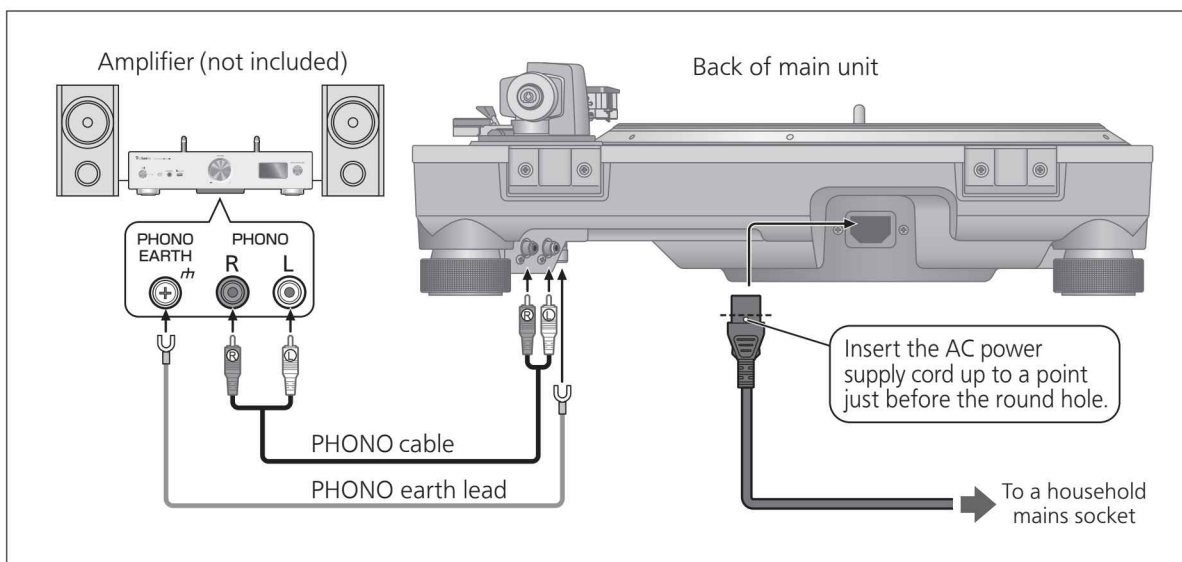
## 1 Connect the PHONO cables and PHONO earth lead to the PHONO terminals of the connected equipment.

- You will not have adequate volume or sound quality if the connected amplifier has no PHONO terminals.

## 2 Connect the AC power supply cord.

- Confirm the wattage of the AC outlet on the connected equipment before using it for this unit.  
(This unit consumes 10 W.)

### Connecting to an integrated amplifier or component system



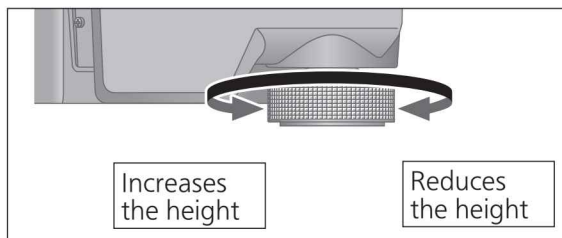
#### Note

- 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.

## Installation

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

### ■ Adjusting the height to make the unit horizontal



Raise the main unit to turn the insulators and adjust the height.

- **Clockwise:** Reduces the height.
- **Anti-clockwise:** Increases the height.

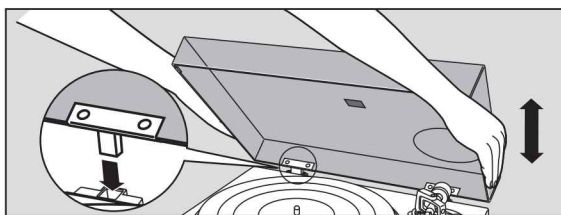
#### Attention

- Do not turn the insulators too far. Doing so may cause them to come off or damage them.

### Fit the dust cover

- 1 Hold the dust cover with both hands and insert it into the dust cover fitting parts (⇒ 9) on the player.**

- To remove the dust cover, keep it open and lift it straight above.



#### Attention

- Return the tone arm to the arm rest and fix it with the arm clamp before you attach or detach the dust cover.
- Remove the dust cover while playing.
- When inserting the dust cover, prevent the tip of the hinges from hitting and damaging the main unit.

### ■ Notes for installation

- Before you move the unit, turn the unit off, pull out the power plug and disconnect all connected devices.
- 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 the unit as far as possible from a radio.
- Do not install the unit on a heat source.
- Avoid a place with large temperature variations.
- Avoid a place with frequent condensation.
- Avoid an unstable place.
- Do not put an object on the unit.
- Do not install the unit in a confined space such as a book shelf.
- Install the unit at a position well away from walls or other devices to ensure effective heat radiation from the inside of the unit.
- Make sure the installation location is sufficiently strong to withstand the total weight of the unit and system. (⇒ 23)
- Note that the unit may be damaged by cigarette smoke or moisture from an ultrasonic humidifier.

### ■ Condensation

Think of taking out a cold bottle from a refrigerator. If you leave it in a room for a while, dewdrops will form on the bottle surface. This phenomenon is called "condensation".

- Conditions causing condensation
  - ◇ Rapid temperature change (caused by moving from a warm place to a cold place or vice versa, rapid cooling or heating, or direct exposure to cooled air)
  - ◇ High humidity in a room with much steam, etc.
  - ◇ Rainy season
- Condensation may damage the unit. If it has occurred, turn the unit off and leave it until it adapts to the ambient temperature (approximately 2 to 3 hours).

# Adjustment

## Horizontal balance

### Preparation

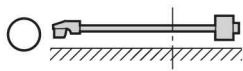
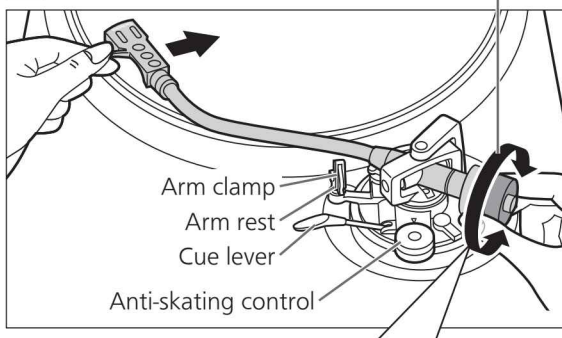
- First, remove the dust cover.
- Remove the stylus cover (⇒ 19), taking care not to damage the stylus, then release the arm clamp.
- Lower the cue lever.
- Turn the anti-skating control to "0".

### 1 Free the tone arm from the arm rest and adjust horizontal balance by turning the balance weight.

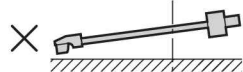
Hold the tone arm and turn the balance weight in the arrow direction to adjust the balance until the arm is approximately horizontal.

- Take care not to allow the stylus tip to touch the turntable or main unit.

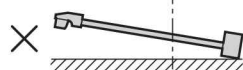
Balance weight



Balanced and the tone arm is parallel to the turntable.



The balance weight is too far forward.



The balance weight is too far back.

## Stylus pressure

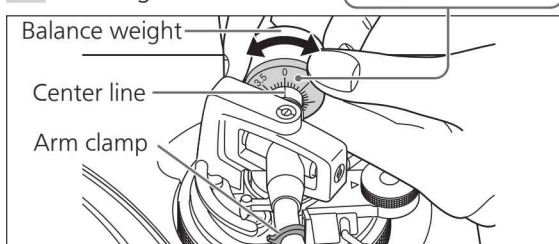
### Preparation

- Return the tone arm to the arm rest and fix it with the arm clamp.

### 1 Turn the stylus pressure control until "0" comes to the center line of the rear of the tone arm.

- Hold the balance weight still during doing this.

Stylus pressure control



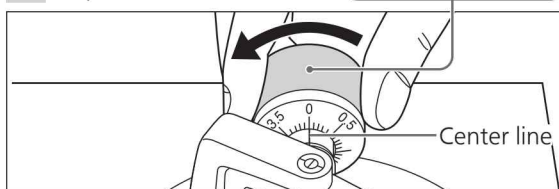
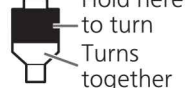
### Note

- Refer to the user's guide for your stylus for the appropriate stylus pressure.

### 2 Turn the balance weight to adjust to the appropriate stylus pressure for the cartridge.

- The stylus pressure control will turn together with the balance weight.
- Turn until the center line points to the appropriate stylus pressure.

Balance weight

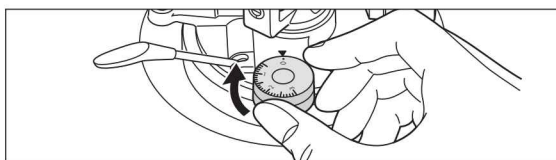


## Anti-skating

### 1 Turn the anti-skating control to adjust it to the same value as the stylus pressure control.

### Note

- For stylus pressures 3 g and above, adjust anti-skating control to "3".



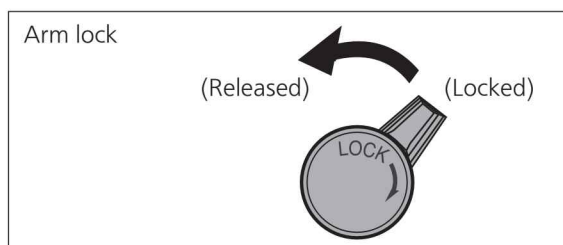
## Tone arm height

Make this adjustment only if the cartridge you are using makes it necessary.

### Preparation

- Put a record on the turntable.

### 1 Release the arm lock.

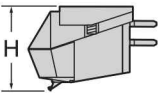


### 2 Adjust the height with the arm-height control ring.

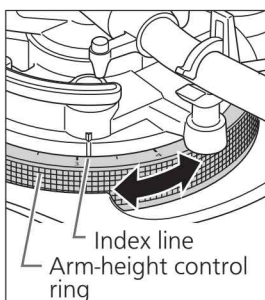
Adjust the arm height until the tone arm becomes parallel to the record.

- Use the chart below as reference to find the appropriate position mark for the height of your cartridge.

(For supplied head shell)

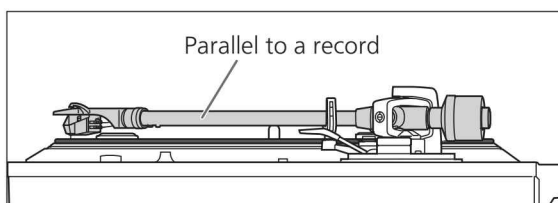
	Cartridge height (H) in millimeters	Height control position
	14	0
	15	1
	16	2
	17	3
	18	4
	19	5
	20	6

- Turn the arm-height control ring to align the position mark with the index line. 0 to 6 mm (0 to  $\frac{15}{64}$ " ) are marked on the arm height control ring.



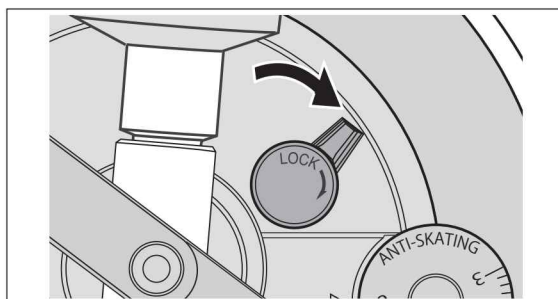
### ■ When you don't know the cartridge height (H),

Remove the stylus cover, taking care not to damage the stylus, then release the arm clamp. Lower the cue lever, rest the stylus on the record and adjust the height control until the tone arm and record are parallel.



### 3 After arm height adjustment is finished, lock the tone arm by turning the arm lock knob.

- Be sure to turn the arm lock knob to the end as shown in the figure below. You may need to apply some force to do so.



### Attention

- Be careful not to damage the stylus tip.
- Do not use the product with the arm lock released.
- For finer adjustment, use a level (not included) to adjust the arm height so that the cartridge becomes parallel to a record.



# Adjustment (continued)

## Armlift height

Make an adjustment according to your cartridge if necessary.

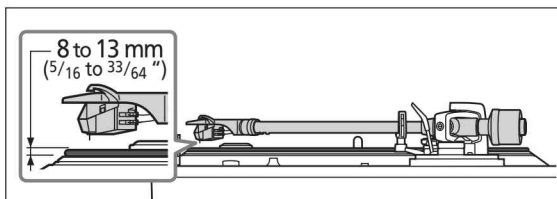
### Preparation

- Put a record on the turntable.
- Remove the stylus cover, taking care not to damage the stylus, then release the arm clamp.
- Lift the cue lever and move the tone arm over the record.

### 1 Check the armlift height (distance between the stylus tip and record surface).

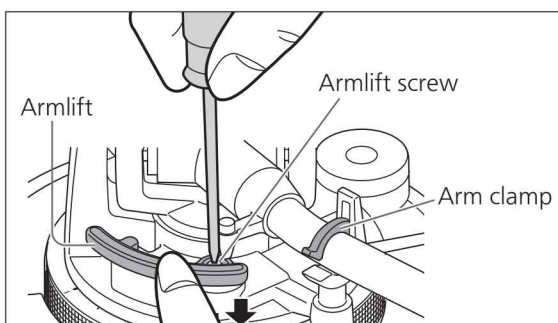
If adjustment is needed, go to step 2.

- The armlift height is factory-adjusted to 8 to 13 mm ( $5/16$  to  $33/64$  ").

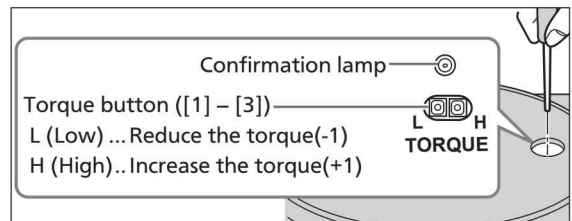


### 2 Return the tone arm to the arm rest, clamp it with the arm clamp and while pressing the armlift down with your finger, turn the screw to adjust the height.

- Turning the screw clockwise lowers the armlift.
- Turning the screw anti-clockwise raises the armlift.



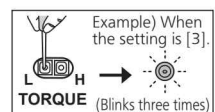
## Adjusting the turntable startup speed (torque gain)



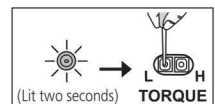
- Press the center of the button lightly.

You can select from three options for the turntable startup speed (time to reach constant speed after [START-STOP] is pressed) and the torque gain at constant speed. (The factory setting is [3]: highest.)

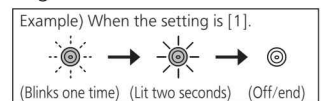
- ① The confirmation lamp blinks the specified number of times according to the current setting when you press the H or L torque button.



- ② To change the setting, press the H or L torque button while the lamp is lit for two seconds.



- ③ After you press the torque button, the confirmation lamp blinks the specified number of times showing the new setting, stays lit for two seconds and then goes off.





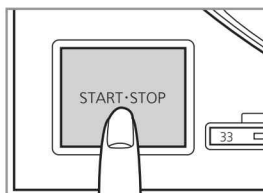
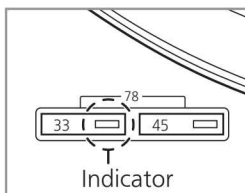
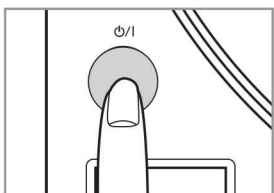
# Playing records

## Preparation

- ★1 Put a record (not included) on the turntable.
- ★2 Take off the stylus cover and release the arm clamp.

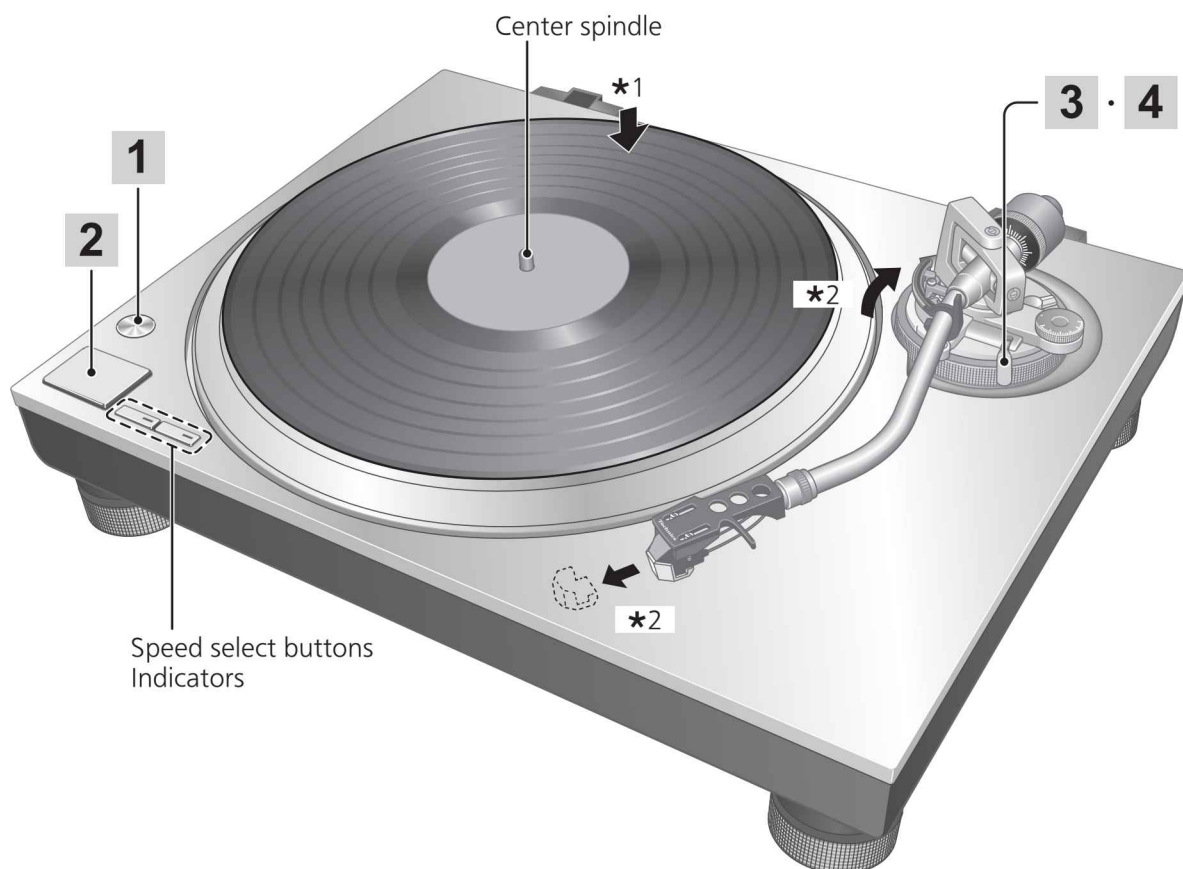
**1** Press [⏻/⏮] to turn the unit on.  
33-1/3 rpm is automatically selected and the indicator [33] lights.

**2** Press [START-STOP].  
The turntable starts revolving.



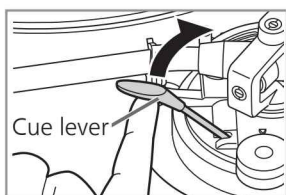
## Attention

- Do not press [START-STOP] when the turntable is removed.
- Turn the unit on or off with the volume on the connected device set to the minimum.

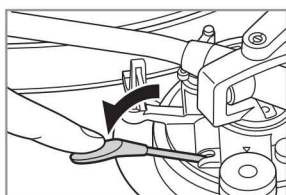


# Playing records (continued)

- 3** Lift the cue lever and move the tone arm over the record.



- 4** Lower the cue lever slowly to the lowest position.  
The tone arm moves down slowly.



Play starts.

## ■ To temporarily stop play

Lift the cue lever.

- The stylus lifts off the record.
- To start play again, lower the cue lever.

## ■ When play finishes

- ① After lifting the cue lever to return the tone arm to the arm rest, lower it completely.
- ② Press [START-STOP].  
The electronic brake gently stops the turntable.
- ③ Press [⏻/I] to turn the unit off.
- ④ Clamp the tone arm with the arm clamp.
- ⑤ Put the stylus cover back on (to protect the stylus tip).

## ■ When playing EP records

- Press the speed select button [45] ([45] lights).
- Fit the EP record adaptor over the center spindle.

## ■ When playing SP (78 rpm) records

- Press the speed select buttons [33] and [45] at the same time (78 rpm: [33] and [45] light).

## ■ When using a record stabilizer (not included)

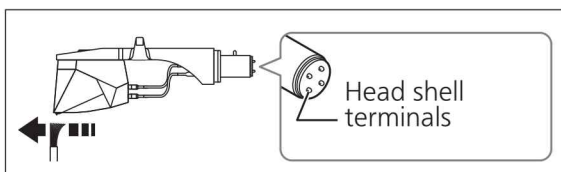
- See the instruction manual of the record stabilizer.
- Maximum weight: 1 kg

# Maintenance

## ■ Care of the parts

Thoroughly clean dust off the stylus and record.

- Take off the head shell with the cartridge and clean the stylus using a soft brush. Brush from the base to the tip.
- Use a record cleaner to keep your records clean.



**Wipe the head shell terminals occasionally.**

Wipe the head shell terminals with a soft cloth and fit the head shell to the tone arm.

**Turn the amplifier volume down or 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.

## ■ Cleaning the dust cover and cabinet

Wipe the dust cover and cabinet with a soft cloth.

**Do not touch the board while cleaning. Otherwise, the player may fail.**

When dirt is heavy, wring a wet cloth tightly to wipe the dirt, and then wipe it with a soft cloth.

- Do not use solvents including benzene, thinner, alcohol, kitchen detergent, a chemical wiper, etc. This might cause the exterior case to be deformed or the coating to come off.
- Do not wipe the dust cover when it is in place. Doing so may cause the tone arm to be attracted towards the dust cover as a result of the generated static electricity. Be sure the dust cover is removed while playing a record.

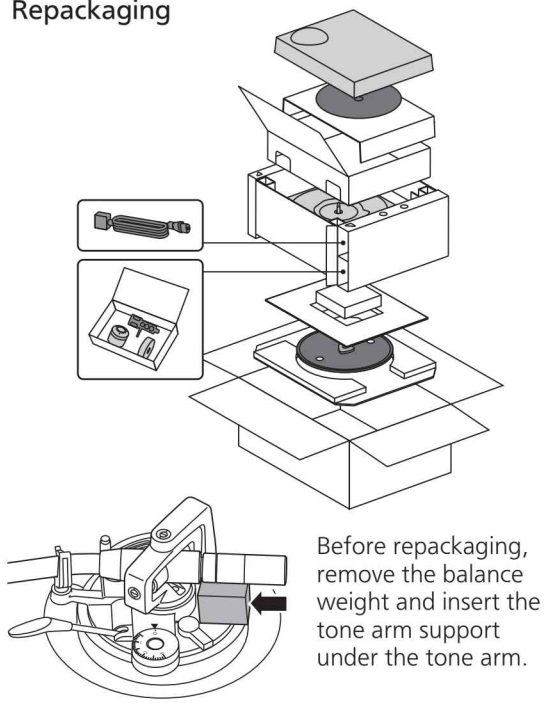
## ■ Moving the unit

Repackage the unit in the packaging it came in.

Keep the packaging materials without taking them to pieces after taking out the goods. If you no longer have the packaging, do the following:

- Take off the turntable and turntable mat and carefully wrap them.
- Remove the head shell and balance weight from the tone arm and carefully wrap them.
- Clamp the tone arm with the arm clamp and tape it in place.
- Carefully wrap the main unit in a blanket or paper.

### Repackaging



## ■ WEEE symbol

**Disposal of the product outside the EU countries**



This symbol is valid within the EU only.

Contact a local governmental office or your dealer to confirm a right manner of disposal.

# Troubleshooting guide

Before requesting service, make the below checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, contact your dealer.

---

## No power.

- Is the AC power supply cord plugged in?  
→ Plug the mains lead in firmly. (⇒ 14)

---

## There is power but no sound. Sound is weak.

- Are connections to the amplifier/receiver's PHONO terminals correct?  
→ Connect the PHONO cables to the amplifier's PHONO terminals. (⇒ 14)

---

## Left and right sounds are reversed.

- Are the stereo connection cable connections to the amplifier or receiver reversed?  
→ Double check all connections. (⇒ 14)
- Are connections of the head shell's lead wires to the cartridge terminals correct?  
→ Double check all connections. (⇒ 11)

---

## Humming is heard during play.

- Are there other appliances or their AC power supply cord near the stereo connection cable?  
→ Separate the appliances and their AC power supply cord from this unit.
- Is the earth lead connected?  
→ Make sure the earth lead is correctly connected. (⇒ 14)

---

## The indicator on the speed select button [33] or [45] blinks.

Perform the following operations when the indicator on the speed select button [33] or [45] blinks. The symptom may be improved.

- ① Press [⏻/I] to OFF.
  - ② Pull out the power plug, wait for three seconds or more, and then insert the plug again.
  - ③ Press [⏻/I] to turn the unit on and press [START-STOP] to rotate the turntable.
- If the indicator on the speed select button blinks again, check which one is blinking and contact our service representative.

# Specifications

General	
Power supply	AC 120 V, 60 Hz
Power consumption	10 W (Power ON) 0.2 W (Power OFF)
Dimensions (W×H×D)	453 x 173 x 372 mm (17-27/32" × 6-13/16" × 14-21/32")
Weight	Approx. 13.0 kg (28.7 lbs)
Operating temperature range	0 °C to +40 °C (+32 °F to +104 °F)
Operating humidity range	35 % to 80 % RH (no condensation)
Turntable section	
Type	Direct drive manual turntable
Drive method	Direct drive
Motor	Brushless DC motor
Turntable	Brass and aluminum die-cast combined Diameter: 332 mm (13-5/64") Weight: Approx. 3.6 kg (7.9 lbs) (including a rubber sheet)
Turntable speeds	33-1/3, 45 and 78* rpm
Starting torque	0.32 N·m (3.3 kgf·cm) (2.86 lbf-in)
Build-up characteristics	0.7 s. from standstill to 33-1/3 rpm
Braking system	Electronic brake
Wow and flutter	0.025 % W.R.M.S.

\*The turntable speed will be 78.26 rpm when set to 78 rpm.

Tone arm section	
Type	Static Balance
Effective length	230 mm (9-1/16")
Overhang	15 mm (19/32")
Tracking error angle	Within 2° 32' (at the outer groove of 30 cm (12") record) Within 0° 32' (at the inner groove of 30 cm (12") record)
Offset angle	22°
Arm-height adjustment range	0 – 6 mm (0" - 15/64")
Stylus pressure adjustment range	0 – 4 g (direct reading)
Head shell weight	Approx. 7.6 g
Applicable cartridge weight range	(Without auxiliary weight) 5.6 to 12.0 g 14.3 to 20.7 g (including head shell) (With small auxiliary weight) 10.0 to 16.4 g 18.7 to 25.1 g (including head shell) (With big auxiliary weight) 14.3 to 19.8 g 23.0 to 28.5 g (including head shell)
Cartridge mounting dimension	12.7 mm (1/2") interval
Head shell terminal lug	1.2 mm φ 4-pin terminal lug
Terminal section	
Output terminal	PHONO (PIN Jack)
Earth terminal	

Specifications are subject to change without notice.



# Limited Warranty (ONLY FOR U.S.A.)

## Technics Products – Limited Warranty

### Limited Warranty Coverage (For USA Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Corporation of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Technics Turntable System (SL-1300G)	3(three)years	3(three)years

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

**Mail-In Service**—Online Repair Request

#### Online Repair Request

To submit a new repair request and for quick repair status visit our Web Site at

<https://help.na.panasonic.com>

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at <https://help.na.panasonic.com> as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

**IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.**

#### Limited Warranty Limits and Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to:

Panasonic Corporation of North America  
Consumer Affairs Department  
Two Riverfront Plaza  
Newark NJ 07102-5490

**PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.**

Product registration is not mandatory. Failure to complete the form does not affect the consumer's warranty rights.

## **Shop Accessories!**

for all your Technics gear

Go to

<https://help.na.panasonic.com>

Get everything you need to get the most out of your Technics products  
Accessories & Parts for your Camera, Phone, A/V products, TV, Computers & Networking, Personal Care, Home Appliances, Headphones, Batteries, Backup Chargers & more...

#### **Customer Services Directory**

For Product Information, Operating Assistance, Parts, Owner's Manuals, Dealer and Service info go to <https://help.na.panasonic.com>

For the hearing or speech impaired TTY: 1-877-833-8855

As of August 2023

The model number and serial number of this product can be found on either the back or the bottom of the unit. Please note them in the space provided below and keep for future reference.

MODEL NUMBER SL-1300G

SERIAL NUMBER

User memo:

DATE OF PURCHASE

DEALER NAME

DEALER ADDRESS

TELEPHONE NUMBER

# Limited Warranty (ONLY FOR CANADA)

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3

## TECHNICS PRODUCT - LIMITED WARRANTY

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship under normal use and for a period as stated below from the date of original purchase agrees to, at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by Panasonic Canada Inc.

Technics Turntable System (SL-1300G)	3 (three) years parts and labour
---	----------------------------------

This warranty is given only to the original purchaser, or the person for whom it was purchased as a gift, of a Technics brand product mentioned above sold by an authorized Panasonic dealer in Canada and purchased and used in Canada, which product was not sold “as is”, and which product was delivered to you in new condition in the original packaging.

**IN ORDER TO BE ELIGIBLE TO RECEIVE WARRANTY SERVICE HEREUNDER, A PURCHASE RECEIPT OR OTHER PROOF OF DATE OF ORIGINAL PURCHASE, SHOWING AMOUNT PAID AND PLACE OF PURCHASE IS REQUIRED**

### LIMITATIONS AND EXCLUSIONS

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by Panasonic Canada Inc., or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than an Authorized Servicer, or damage that is attributable to acts of God.

Dry cell batteries are also excluded from coverage under this warranty.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. (As examples, this warranty excludes damages for lost time, travel to and from the Authorized Servicer, loss of or damage to media or images, data or other memory or recorded content. This list of items is not exhaustive, but for illustration only.)

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable. This warranty gives you specific legal rights and you may have other rights which vary depending on your province or territory.

### WARRANTY SERVICE

For product operation, repairs and information assistance, please visit our Support page on:  
<https://help.na.panasonic.com>

### **IF YOU SHIP THE PRODUCT TO A SERVICENTRE**

Carefully pack and send prepaid, adequately insured and preferably in the original carton.  
Include details of the defect claimed, and proof of date of original purchase.