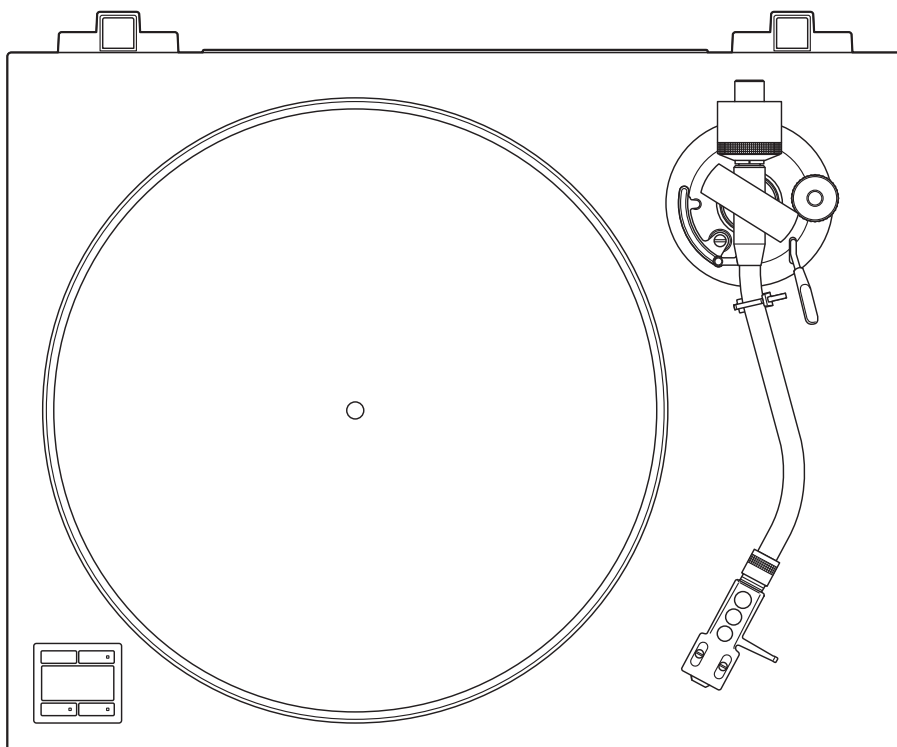


Technics[®]

FRITZ HANSEN



SL-40CBTFH

Direct Drive Turntable System
Owner's Manual

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.

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.

Chief Sound Meister

Michiko Ogawa

A handwritten signature in black ink, reading "Michiko Ogawa". The script is fluid and cursive, with the first letters of "M" and "O" being capitalized and prominent.

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 of the unit and accessories in this manual are for reference only. Please note that they may differ from the actual product.

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

Register online at
<https://help.na.panasonic.com/>

Features

- Coreless direct drive motor to achieve high precision, stable rotation and high reliability**
 - The coreless direct drive motor reduces minute vibration during rotation, combined with the high-precision motor control technology.
- Tone arm with excellent initial sensitivity featuring new high-precision bearings**
 - The newly designed tone arm bearing system achieves high initial response sensitivity, ensuring accurate tracking of the record groove.
- Complete package to easily enjoy playing back records**
 - The built-in high-quality phono-equalizer amplifier allows for connection with a wide range of devices.
 - The included high-quality MM cartridge offers comfortable listening with easy setup.
 - The built-in Bluetooth® transmission function enables wireless connection to Bluetooth® speakers for listening enjoyment.



Quick Setup Guide

Scan the code to access the setup video.

Table of contents

● Before use		Before use
IMPORTANT SAFETY INSTRUCTIONS 04		
Accessories 07		
Parts Name 08		
● Getting started		Getting started
Putting the player together 10		
● Before fitting the turntable..... 11		
● Fitting the turntable 11		
● Fitting the turntable mat 11		
● Attaching the head shell..... 11		
● Attaching the balance weight..... 11		
● To remove the turntable..... 11		
Connecting to an integrated amplifier, component system or Bluetooth® device 12		
● Connecting the LINE output terminals 12		
● Connecting the PHONO output terminals.... 13		
● Pairing and connecting with the Bluetooth® device..... 14		
Installation 15		
● Fit the dust cover 15		
Adjustment 16		
● Horizontal balance 16		
● Stylus pressure 16		
● Anti-skating..... 16		
● Playing back		Playing back
Playing records..... 17		
● Maintenance		Maintenance
Maintenance..... 19		
Replacing the cartridge 20		
Bluetooth® settings..... 21		
Resetting the unit to factory settings..... 22		
Troubleshooting guide 23		
Specifications 26		
Licenses 27		
Limited Warranty 28		
03		

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.

Caution

Unit

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

Placement

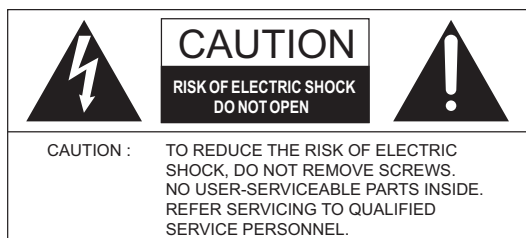
- To reduce the risk of fire, electric shock or product damage,
 - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
 - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar 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.

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 unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

Supplier's Declaration of Conformity

Trade Name: Technics

Model No.: SL-40CBTFH

Responsible Party:

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, NJ 07102-5490

Support Contact:

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

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.

Contains FCC ID: ACJ-BT3086P

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm (7 7/8") or more away from person's body.



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.

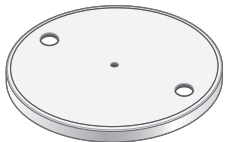
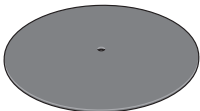
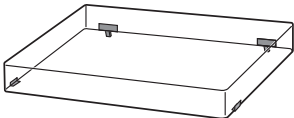
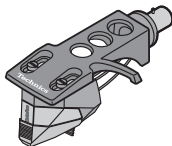
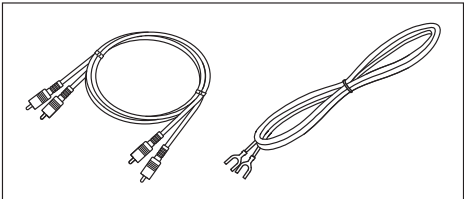
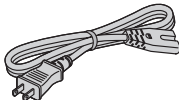
When disposing of or transferring the unit

This unit stores information about your operations. When disposing of or transferring the unit, ensure you reset it to factory settings to erase all stored information. (⇒ 22)

- The management of personal information stored in this unit is your sole responsibility.

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.)

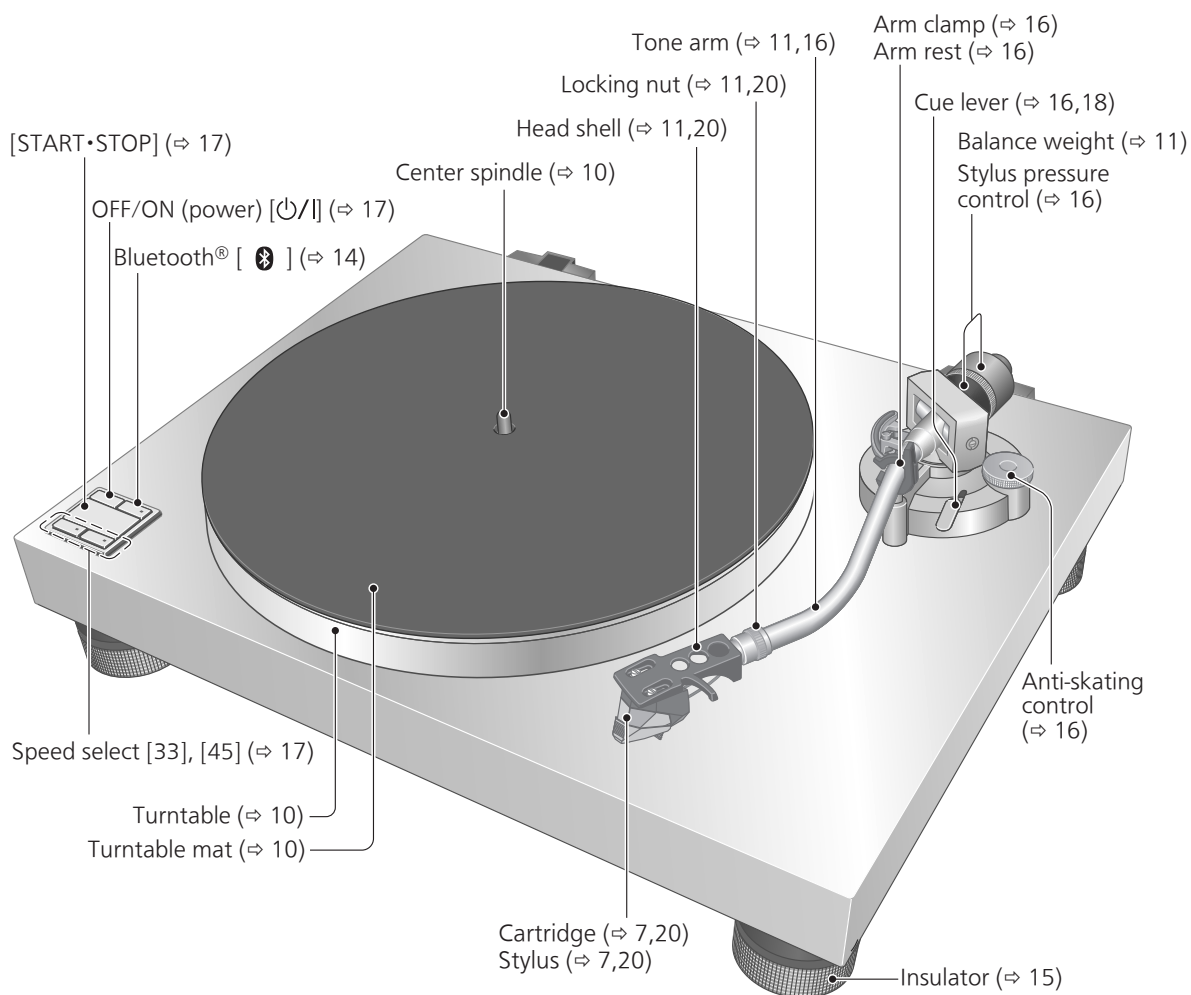
Turntable (1 pc.) 	Turntable mat (1 pc.) 	Dust cover (1 pc.) 
EP record adaptor (1 pc.) 	Balance weight (1 pc.) 	Head shell with cartridge (1 pc.)  The head shell comes with a cartridge equivalent to "ortofon 2M Red".
PHONO cable (1 pc.) PHONO earth lead (1 pc.) 		AC power supply cord (1 pc.) (K2CB2YY00065) 

- In case of repair, the parts might be different in color, logo, and so on.
- The model numbers of the accessories are as of May 2026.
They are subject to change without notice.
- Keep the packaging materials without taking them to pieces 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, nuts, screws and washers out of reach of children to prevent swallowing.
- Illustrations and figures in this manual are of the grey main body.
- The stylus is a consumable item. When replacing, purchase ortofon "stylus 2M Red".

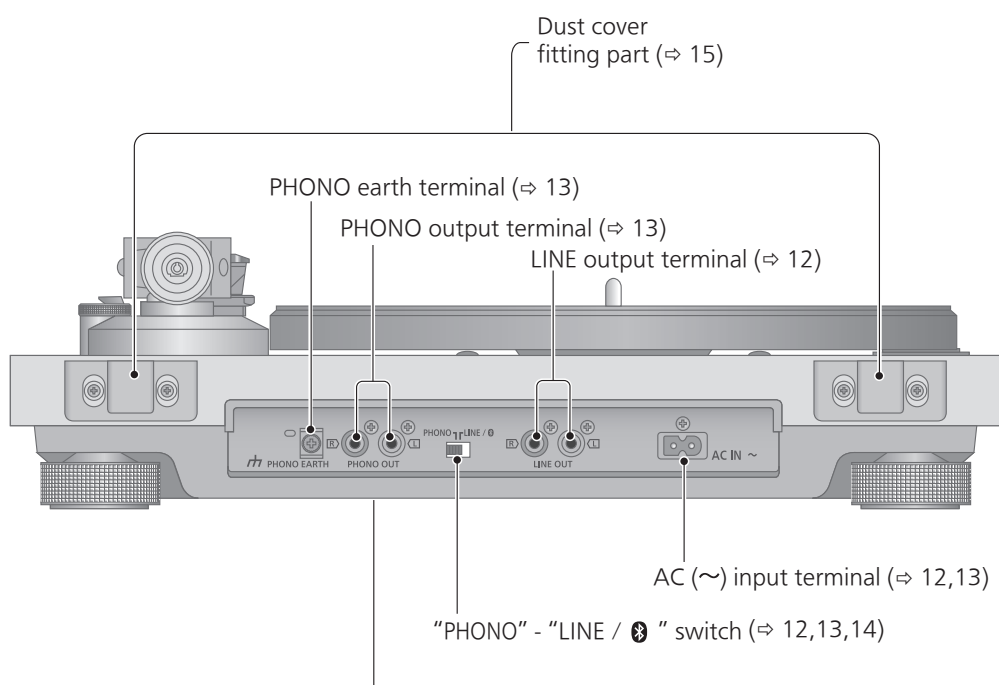
Parts Name

Numbers such as (⇒ 00) indicate reference pages.

Front



Back



Rating plate

- Product Identification Marking is located on the bottom of the unit. The product number is shown in the rating plate.
( Class II equipment (The construction of the product is double-insulated.))

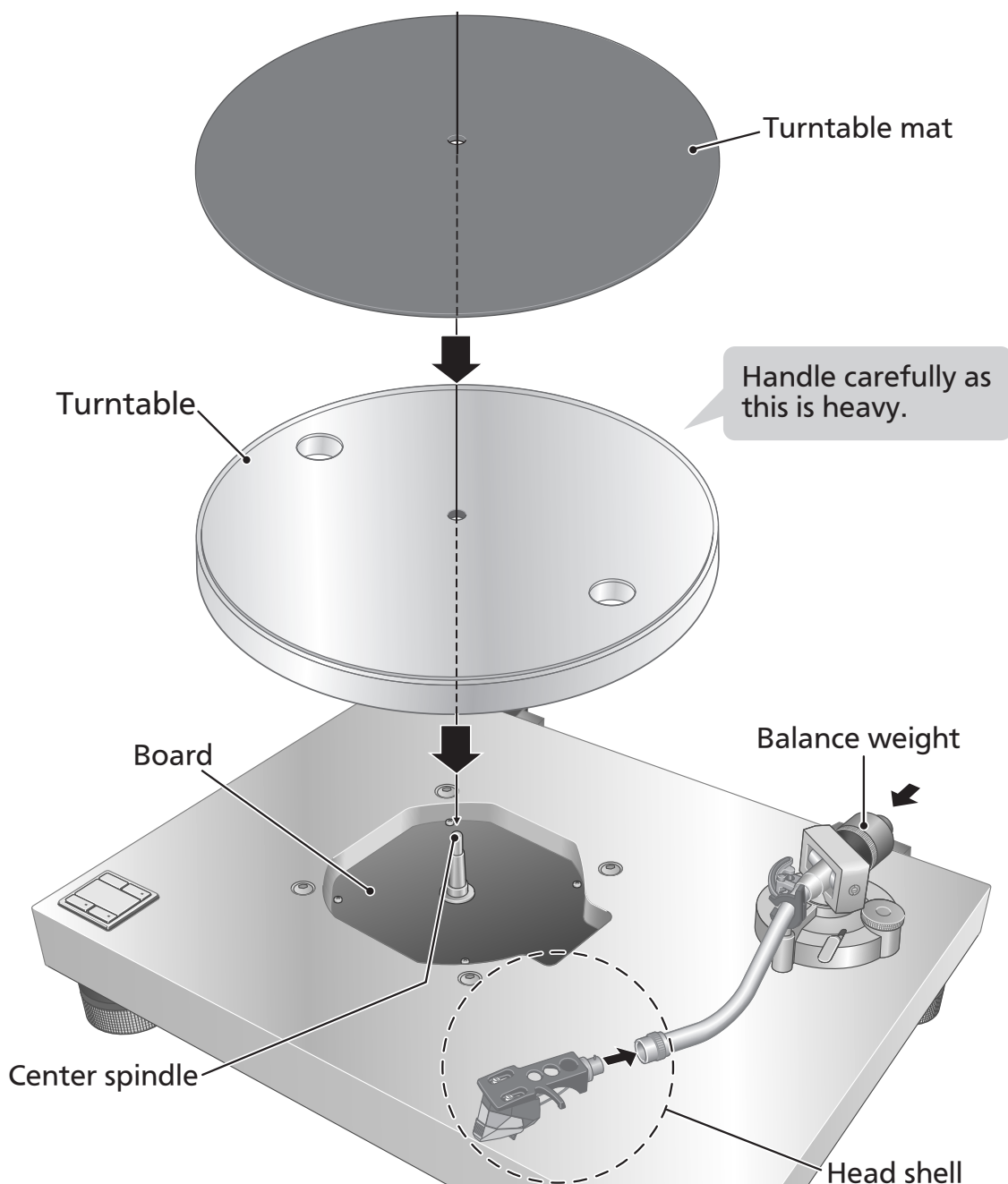
* When connecting to Bluetooth® devices (⇒ 14)

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.

Attention

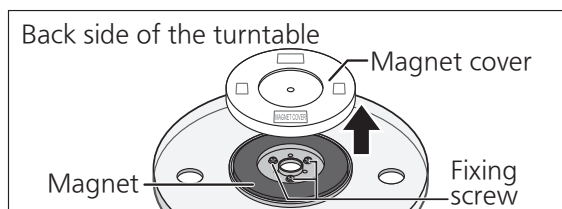
- Before setting up, put on the stylus guard to protect the stylus tip, ensuring that it is in place (⇒ 17). Return the tone arm to the arm rest and fix it with the arm clamp.
- Do not connect the AC power supply cord until set up is complete.
- When fitting the turntable, prevent foreign material from getting in between the main unit and turntable.
- Do not touch or scratch the board.



Before fitting the turntable

1 Remove the magnet cover from the turntable.

- There is a magnet and its cover on the back side of the turntable. Remove the magnet cover before fitting to the main unit.



Attention

- Keep any magnetic-sensitive object such as a magnetic card and watch away from the magnet.
- Prevent the turntable from hitting the main unit or falling off. Prevent dust or iron powder from adhering to the magnet on the back side.
- Do not touch the fixing screws (three locations) of the turntable. The rating performance cannot be guaranteed if they are out of position.

Fitting the turntable

2 Slowly set the turntable on the center spindle.

Attention

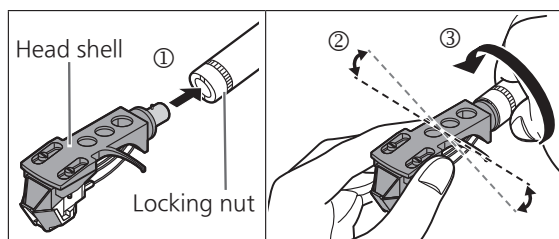
- Be careful when handling the turntable, as it is heavy.
- Keep your fingers from being caught.
- Wipe off fingerprints or dirt with a soft cloth.

Fitting the turntable mat

3 Lay the turntable mat on the turntable.

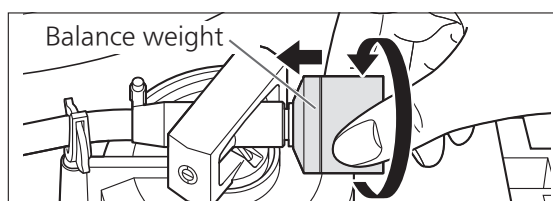
Attaching the head shell

- 4**
- 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

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

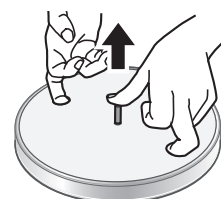


Note

- The inside of the balance weight is greased.

To remove the turntable

As shown in the figure on the right, set your fingers in the two holes on the turntable, hold the center spindle down and remove the turntable upward.



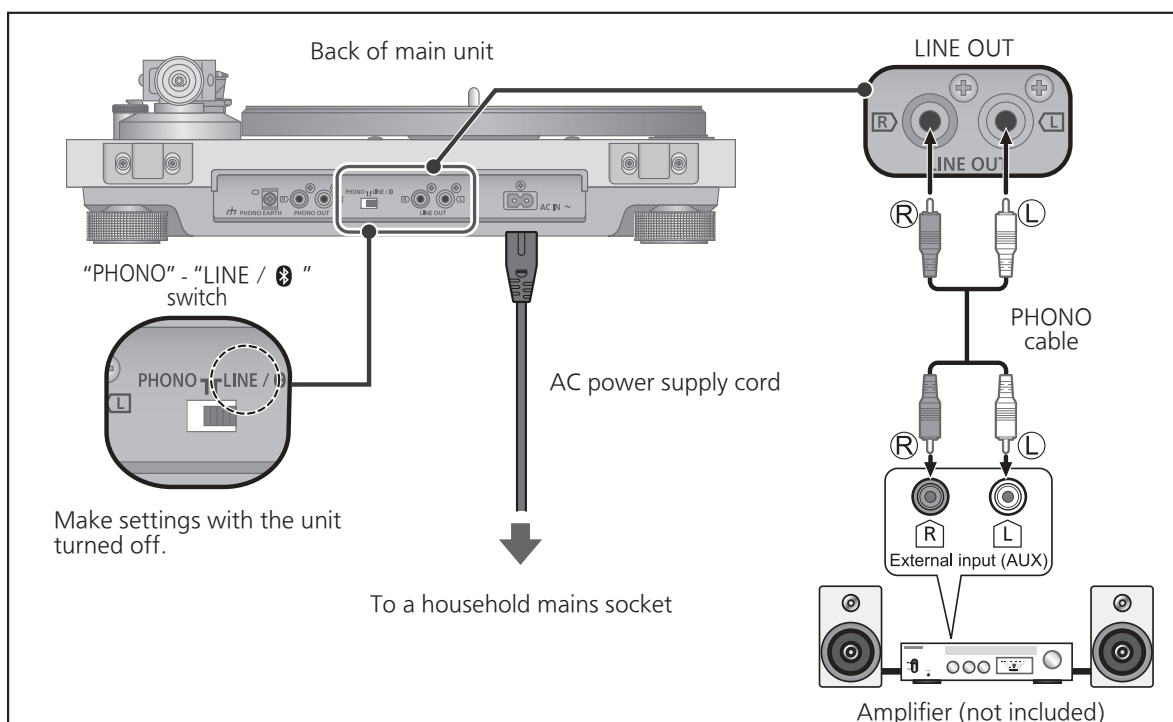
Connecting to an integrated amplifier, component system or Bluetooth® device

- Do not connect cables to PHONO output terminals and PHONO earth terminal when playing back through LINE output terminals or Bluetooth®. Do not connect cables to the LINE output terminals when playing back through PHONO output terminals. Incorrect cable connections may cause noise and/or popping sounds.
- Turn off all units and disconnect the AC power supply cord from the socket before making any connections.
- Do not operate the "PHONO" - "LINE / Bluetooth" switch and connect or disconnect cables with the unit turned on.
- When connecting the PHONO output terminals, be sure to connect the PHONO earth lead. Otherwise, mains hum (buzzing noise) may occur.
- Refer also to the instruction manual of the connected device.

Connecting the LINE output terminals

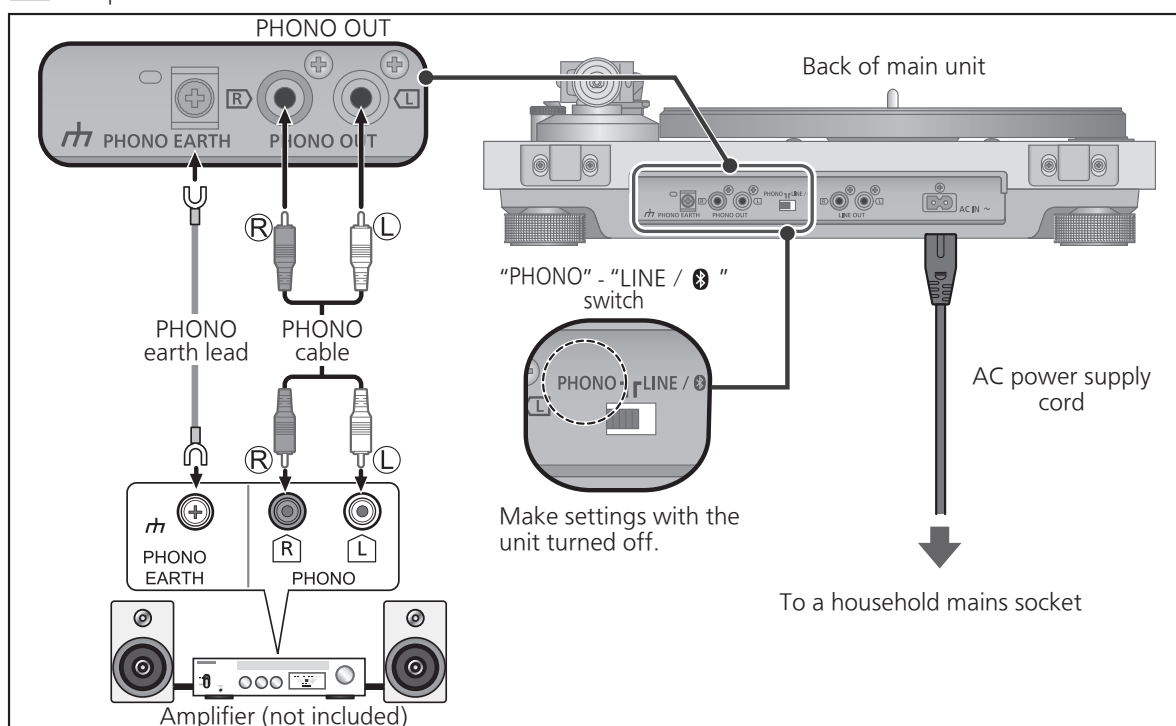
- 1** Turn off the unit and the connected device, and disconnect the AC power supply cord from the socket.
- 2** Connect the PHONO cable to the LINE output terminals of the unit and the external input terminals of the connected device.
 - When connecting the LINE output terminals, do not connect the PHONO earth lead.
 - Connecting to the PHONO input terminals of the connected device produces abnormal output, loud and with distorted sound quality.
- 3** Set the "PHONO" - "LINE / Bluetooth" switch to "LINE / Bluetooth".
- 4** Connect the AC power supply cord.
 - Confirm the wattage of the AC outlet on the connected equipment before using it for this unit.

For the power consumption of this unit, see the specifications. (⇒ 26)



Connecting the PHONO output terminals

- 1** Turn off the unit and the connected device, and disconnect the AC power supply cord from the socket.
- 2** Connect the PHONO cable and PHONO earth lead to the PHONO input terminals of the connected equipment.
 - Adequate volume and sound quality cannot be obtained when connected to the external input terminals of the connected device.
- 3** Set the "PHONO" - "LINE /  " switch to "PHONO".
- 4** Connect the AC power supply cord.
 - Confirm the wattage of the AC outlet on the connected equipment before using it for this unit.
For the power consumption of this unit, see the specifications. (⇒ 26)



Attention

- Tighten the PHONO earth terminal using a Phillips head screwdriver.

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.

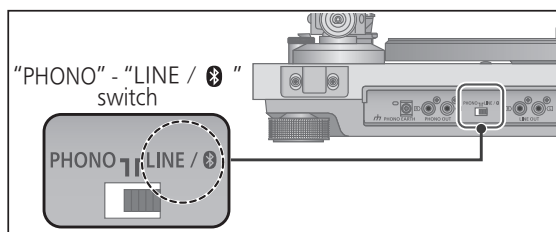
Connecting to an integrated amplifier, component system or Bluetooth® device (continued)

Pairing and connecting with the Bluetooth® device

- Do not connect cables to the PHONO output terminals and PHONO earth terminal when playing back through Bluetooth®.
- Also check the user's manual of your Bluetooth® device before connecting.
- Place the Bluetooth® device close to the unit (within 1 m (3.3 ft)).
- You can register up to 8 devices with this unit. If a 9th device is paired, the device that has not been used the longest may be replaced. To use a deregistered device again, register it again.
- Volume control is not available on this unit. Adjust the volume directly on your Bluetooth® device.
- Lower the volume on your Bluetooth® device before connecting. Loud audio output may occur on connection.

1 Set the "PHONO" - "LINE /  " switch on the rear of the unit to "LINE /  ".

- Operate the switch with the unit turned off.



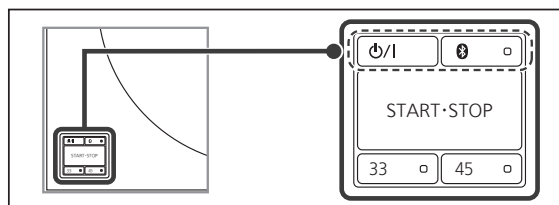
2 Press [ / ] on the top of the unit to turn it on.

3 Put your Bluetooth® device into pairing mode.

- Check the user's manual of your Bluetooth® device for instructions on how to put it into pairing mode.

4 Press [] on the top of the unit to pair it with your Bluetooth® device.

- If no Bluetooth® devices are registered, the unit will enter pairing mode automatically when [] is pressed. The indicator [] will blink every 2 seconds to indicate that the turntable is in pairing mode.
- If there are registered devices, it will automatically attempt to connect to the last connected device.
- The indicator [] on the unit lights up when pairing is completed with the device connected.



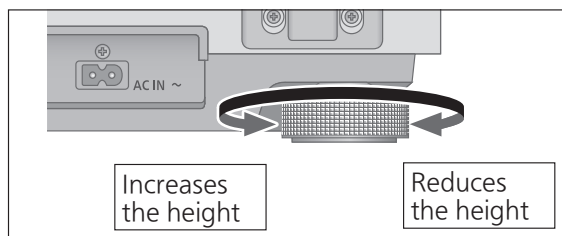
Note

- The indicator [] will blink to show the type of audio codec being used immediately after the connection is established. (aptX™: three times, SBC: one time)
- The Bluetooth® device name of this unit is "SL-40CBT".
- To pair a second or subsequent device, pressing and holding [] for two or more seconds (until the indicator blinks every 2 seconds) puts the unit into pairing mode.
- While the unit is in the ready state, pressing [] will reconnect to the last paired device.
- After a certain period of time (approx. two minutes), the pairing mode will automatically end and the Bluetooth® function will enter the ready status. To perform pairing, try again.
- After a certain period of ready status (approx. two minutes), the Bluetooth® function will turn off. To use it again, press [].
- This unit does not support pairing with a Bluetooth® transmitter (such as smartphones, tablets, or PCs).
- You can only connect to a Bluetooth® receiver (such as external Bluetooth® speakers or headphones).
- If pairing fails, try again.
- There is no guarantee that this unit can perform radio communication with all Bluetooth® devices.

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.

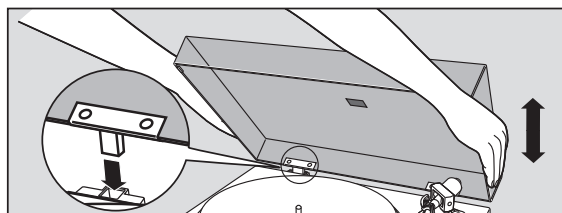
Attention

- 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.
- Note that an auxiliary weight of any other Technics model attached to the rear of the tone arm may prevent the dust cover from closing.

■ 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. (⇒ 26)
- 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

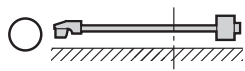
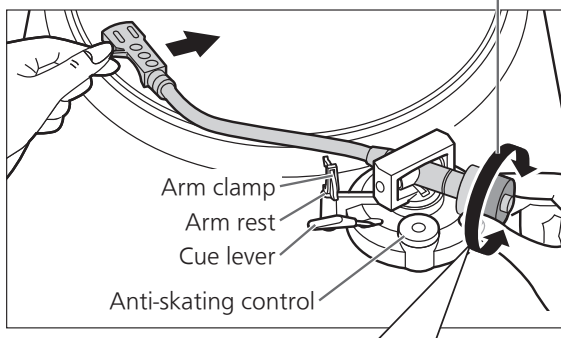
- First, remove the dust cover.
- Remove the stylus cover (⇒ 17), taking care not to damage the stylus, then release the arm clamp.
- Lower the cue lever.
- Turn the anti-skating control to "0".

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

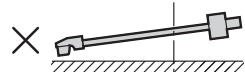
Hold the tone arm and turn the balance weight in the arrow direction to adjust the balance until the arm is approximately horizontal.

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

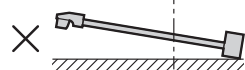
Balance weight



Balanced and the tone arm is parallel to the turntable.



The balance weight is too far forward.



The balance weight is too far back.

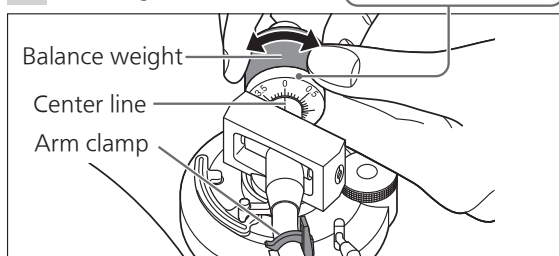
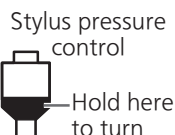
Stylus pressure

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.

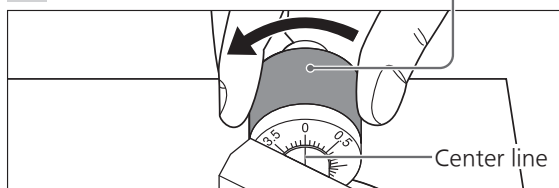
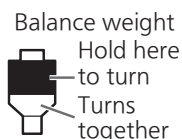


Note

- Stylus pressure of the cartridge: 1.8 g

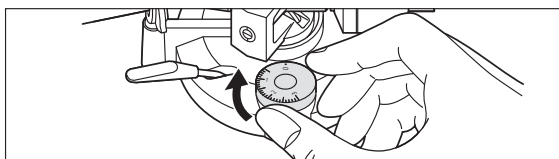
2 Turn the balance weight to adjust to the appropriate stylus pressure for the cartridge.

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



Anti-skating

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



Playing records

Preparation

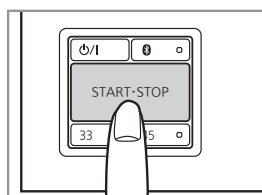
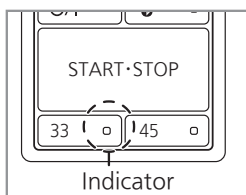
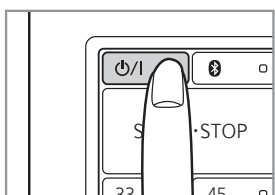
- ★1 Put a record (not included) on the turntable.
- ★2 Take off the stylus cover and release the arm clamp.

1 Press [⏻/I] to turn the unit on.

33-1/3 rpm is automatically selected and the indicator [33] lights.

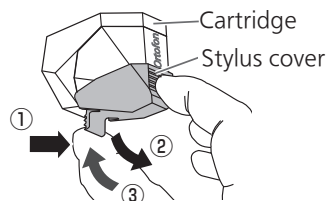
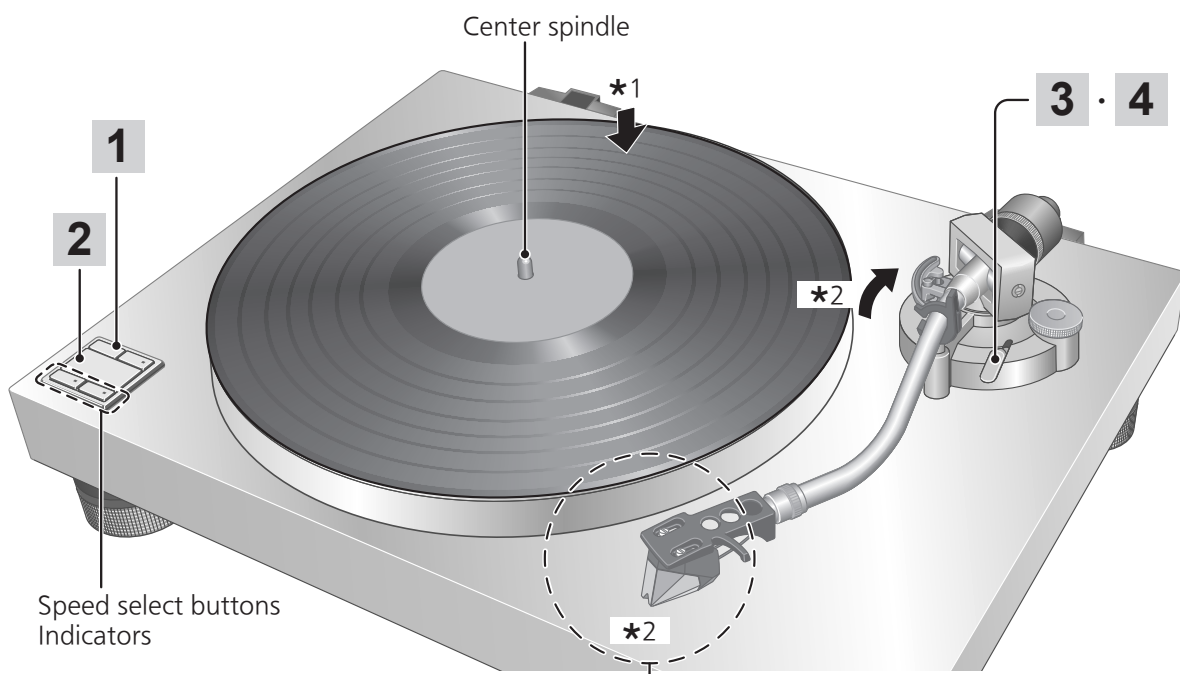
2 Press [START•STOP].

The turntable starts revolving.



Attention

- Do not press [START•STOP] when the turntable is removed.
If you have accidentally pressed [START•STOP]
 - The indicator of the speed select button ([33] or [45]) starts blinking.
 - ⇒ If it is blinking, press [⏻/I] to turn the unit off, fit the turntable and then press [⏻/I] to turn the unit on.
- Turn the unit on or off with the volume on the connected device set to the minimum.



■ Removing the stylus cover

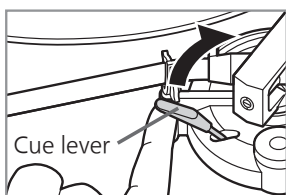
Hold the stylus cover from its front and back, and while pushing the latch on the rear part (①), slowly tilt the stylus cover downward (②).

■ Attaching the stylus cover

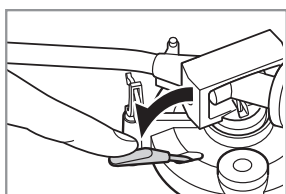
Hold the stylus cover from its front and back, align with the front of the cartridge, and slowly lift it (③) taking care not to damage the stylus.

Playing records (continued)

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



- 4** Lower the cue lever slowly.
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 using a record stabilizer (not included)

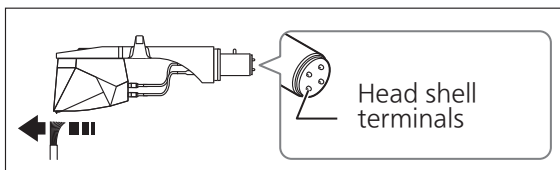
- See the instruction manual of the record stabilizer.
- Maximum weight: 500 g

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.

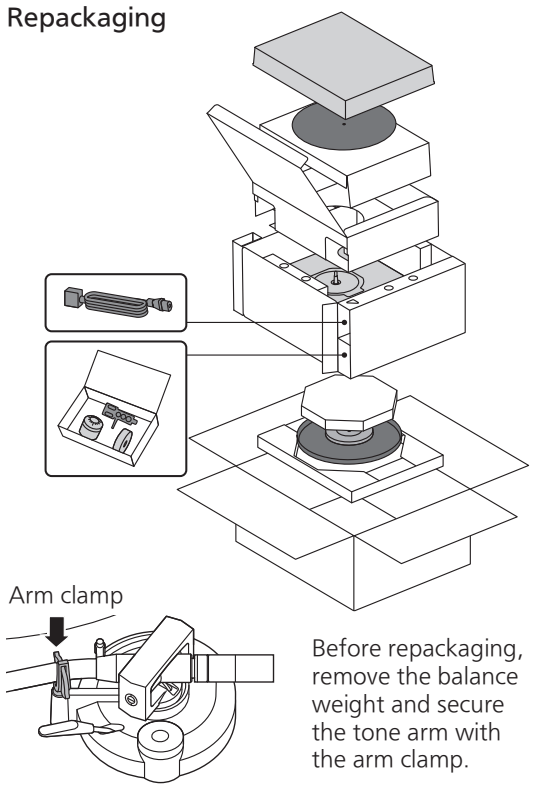
■ Moving the unit

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. (For the head shell cartridge, attach the stylus guard.)
- 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.

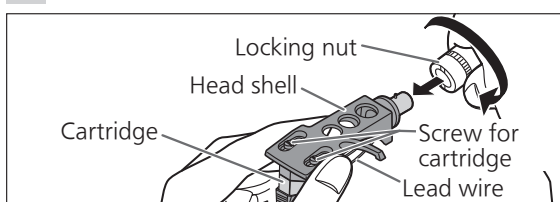
Contact a local governmental office or your dealer to confirm a right manner of disposal.

Replacing the cartridge

This unit cannot adjust either the tone arm height or the armlift height. For cartridge replacement, purchase and use the "ortofon 2M Red" (height (H): 18 mm).

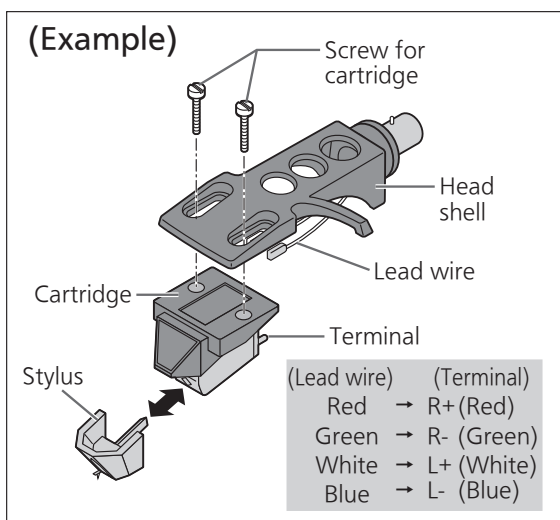
Removing the supplied cartridge

- 1** Attach the stylus cover (⇒17) and loosen the locking nut to remove the head shell from the tone arm.
- 2** Loosen the cartridge mounting screws to remove the supplied cartridge from the head shell.
 - Use a commercially available mini flat screwdriver (4 mm [$5/32$ "]).
 - Be careful not to touch the stylus tip.
- 3** Remove the leads from the terminals.
 - Be careful not to cut the leads.



Attaching the cartridge

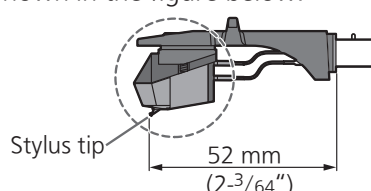
- 1** Attach a cartridge tentatively. Follow the instructions of the replacement cartridge to correctly attach it to the head shell, and tighten the screws lightly.
 - If the mounting screws are included in the cartridge, use them.
 - Use a commercially available mini flat screwdriver (4 mm [$5/32$ "]).
 - Be careful not to touch the stylus tip.



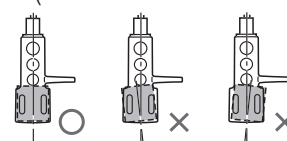
2 Adjust the overhang.

- Be careful not to touch the stylus tip.

- ①** Move the cartridge to adjust the overhang in such a way that the stylus tip is at 52 mm from the head shell mounting end, as shown in the figure below.

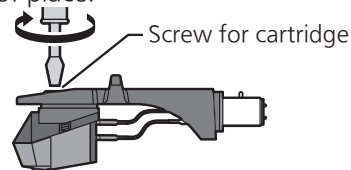


- ②** The cartridge should be parallel on the shell head when viewed from the top and side (the illustration is the top view).



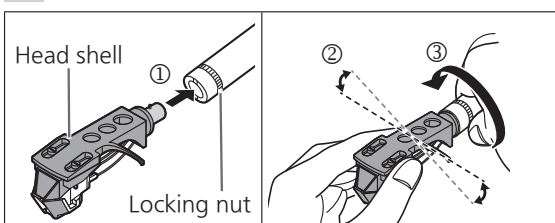
- ③** Tighten the screw for cartridge.

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



Attaching the head shell

- 1**
 - 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.



Attention

- Store the removed screws, washers and nuts in such a way that they do not get lost.
- This unit is for use with MM type cartridges.

Bluetooth® settings

For details on how to configure the settings, please visit the following website:
<https://www.technics.com/support/product-faq/SL-40CBT.html>

Bluetooth® operation settings

You can switch the Bluetooth® operation settings. The factory default is “Manual”.

Always:

The Bluetooth® function is enabled automatically when the power is turned on.

- This setting is useful when you use the Bluetooth® function frequently.

Manual:

The Bluetooth® function is disabled when the power is turned on.

- This setting is useful when you play back audio with higher sound quality via the LINE output.

You can also enable the Bluetooth® function by pressing [].

Bluetooth® reconnection settings

You can switch the Bluetooth® reconnection settings. The factory default is “Auto”.

Auto:

When the Bluetooth® function becomes active, the unit automatically attempts to connect to the last connected Bluetooth® device.

- This setting is useful when using only one Bluetooth® device (one headphone).

Manual:

When the Bluetooth® function becomes active, the unit does not automatically attempt to connect to the last connected Bluetooth® device.

- This setting is useful when using two or more Bluetooth® devices (some headphones).

Reconnect from the Bluetooth® device you want to use. You can also connect to the last connected Bluetooth® device by pressing [].

Resetting the unit to factory settings

Initializing the Bluetooth® settings

- 1** Turn on the unit and check that the turntable is not rotating.
- 2** While pressing and holding [33] and [45] on the top of the unit, press and hold [⏻/⏻] for 10 seconds or more.
 - Initialization is completed when the indicators [33] and [45] blink rapidly five times simultaneously.

Initializing the Bluetooth® pairing information

- 1** Turn off the unit and disconnect the AC power supply cord from the socket.
 - 2** Set the "PHONO" - "LINE /  " switch to "LINE /  ".
 - 3** Connect the AC power supply cord.
 - 4** Turn on the unit and press [].
 - The [] indicator starts blinking.
 - 5** Press [] again and hold it for 10 seconds or more.
 - Initialization is completed when the indicator [] blinks rapidly five times.
- If the pairing registration information is initialized, the unit will no longer be able to connect to previously registered Bluetooth® devices. To connect again, register the device once more. (⇒ 14)

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.

General

No power.

- Is the AC power supply cord plugged in?
→ Plug the AC power supply cord in firmly. (⇒ 12, 13)

There is power but no sound, sound is weak or abnormal, loud and with distorted sound quality.

- Are device connections and PHONO or LINE output terminal connections correct?
→ Connect the PHONO output terminals with the amplifier's PHONO input terminals. (⇒ 13)
→ Connect the LINE output terminals to the amplifier's external input terminals. (⇒ 12)
- Check the setting of the "PHONO" - "LINE /  " switch. (⇒ 12, 13)

Left and right sounds are reversed.

- Are the stereo connection cable connections to the amplifier or receiver reversed?
→ Double check all connections. (⇒ 12, 13)
- Are connections of the head shell's lead wires to the cartridge terminals correct?
→ Double check all connections. (⇒ 20)

Low, continuous sound (humming or buzzing sound), noise or popping sound 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?
→ When connecting the PHONO output terminals, correctly connect the PHONO earth lead. (⇒ 13)
- Is the "PHONO" - "LINE /  " switch set to "LINE /  " when using PHONO output terminals?
Are cables connected to PHONO output terminals and PHONO earth terminal when using LINE output terminals or Bluetooth®?
→ Connect one or the other. (⇒ 12, 13, 14)

The indicator [33], [45] or [] continues to blink rapidly.

Perform the following operations when the indicator [33], [45] or [] blinks rapidly.
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.

Troubleshooting guide (continued)

Bluetooth®

Pairing cannot be completed.

- Check the Bluetooth® device condition.
- Bluetooth® version 2.0 or earlier Bluetooth® devices are not supported.
- Is the Bluetooth® device located too far away? → Move it closer to this unit and try registering again.

The device cannot be connected.

- The pairing of the device was unsuccessful or the registration has been replaced. Try re-pairing the device. (⇒ 14)
- This unit might be connected to a different device. Disconnect the other device and try re-pairing the device.
- Try connecting the device by pressing [] on this unit.
- Turn off both the unit and the Bluetooth® device once, then turn them back on and try again. If the problem persists, try changing the order in which they are powered on.
- Try changing the settings under "Bluetooth® settings" (⇒ 21).

The device is connected, but audio cannot be heard through Bluetooth® device.

- For some built-in Bluetooth® devices, you have to set the audio output manually. Read the operating instructions for the device for details.
- Is the volume of the Bluetooth® device too low? → Adjust the volume of the connected Bluetooth® device.
- There are times when it takes a while before sound comes out of a Bluetooth® device. Wait a little more.
- Is the Bluetooth® device connected to a Bluetooth® device other than this unit?
→ Turn off the power of the other Bluetooth® device.

The sound is interrupted.

- Bring the Bluetooth® device closer to this system.
- Remove any obstacle between this system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this system and distance it from the other devices.

The Bluetooth® function does not work.

- Is the "PHONO" - "LINE /  " switch on the rear of this unit set to "PHONO"?
→ Check the setting of the "PHONO" - "LINE /  " switch on the rear of this unit. (⇒ 14)
- Try pressing [] .

The indicator [] blinks rapidly three times.

- Is the "PHONO" - "LINE /  " switch on the rear of this unit set to "PHONO"?
→ Check the setting of the "PHONO" - "LINE /  " switch on the rear of this unit. (⇒ 14)

Unable to initialize Bluetooth® pairing information

- The unit may be connected to the other Bluetooth® devices. Turn off the other Bluetooth® devices and try again.

■ Status of the indicator []

Lighting specifications of the indicator []	Bluetooth® status
Not lit 	Bluetooth® function OFF
Lit 	Connection completed
Flashes at 4-second intervals 	Ready
Blinking slowly at 2-second intervals 	Pairing mode
Blinking slowly at 1-second intervals 	Connecting
Blinking rapidly 3 times 	Bluetooth® function is invalid. Check the setting of the “PHONO” - “LINE /  ” switch on the rear of this unit.

Specifications

General	
Power supply	AC 120 V, 60 Hz
Power consumption	4 W (Power ON) 0.2 W (Power OFF)
Dimensions (W×H×D)	430 x 128 x 353 mm (16 ⁻⁵⁹ /64" × 5 ⁻¹ /32" × 13 ⁻⁵⁷ /64")
Weight	Approx. 7.1 kg (15.7 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 platter	Aluminum diecast Diameter: 300 mm (11 ⁻⁵¹ /64") Weight: Approx. 1.26 kg (2.78 lbs) (including turntable mat)
Turntable speeds	33 ⁻¹ /3 rpm and 45 rpm
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.
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°

Phono equalizer section	
Gain	36.5 dB
Cartridge section	
Model name	ortofon 2M Red
Bluetooth® section	
Bluetooth® system specification	Bluetooth® Ver. 5.4
Wireless equipment classification	Class 1
Supported profiles	A2DP
Supported codec	Qualcomm® aptX™ Adaptive, SBC
Frequency band	2.4 GHz Band FH-SS
Operating distance	Approx. 10 m (33 ft) Line of sight* ¹
Terminals section	
Audio output	PHONO (Pin Jack) PHONO earth terminal LINE (Pin Jack)

*1 Prospective communication distance
Measurement environment:
Temperature 25 °C (77 °F)/
Height 1.0 m (3.3 ft)

Specifications are subject to change without notice.

Licenses

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Holdings Corporation is under license. Other trademarks and trade names are those of their respective owners.

Qualcomm aptX is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries.

Limited Warranty

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-40CBTFH)	2(two)years	2(two)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 October 2026

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-40CBTFH

SERIAL NUMBER

User memo:

DATE OF PURCHASE

DEALER NAME

DEALER ADDRESS

TELEPHONE NUMBER

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, NJ 07102-5490

<https://shop.panasonic.com>

(en)

