

DENON[®]

DP-500BT

Turntable with Bluetooth[®]

Owner's Manual

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Cautions on handling

About care

- Clean the cabinet and dust cover by wiping gently with the soft wiping cloth. Follow the instructions when using a chemical cleaner.
- Benzene, paint thinner or other organic solvents as well as insecticide may cause material changes and discoloration if brought into contact with the unit, and should therefore not be used.

About condensation

If there is a major difference in temperature between the inside of the unit and the surroundings, condensation (dew) may form on the operating parts inside the unit, causing the unit not to operate properly. If this happens, let the unit sit for an hour or two with the power turned off and wait until there is little difference in temperature before using the unit.

About lubricating


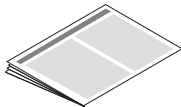
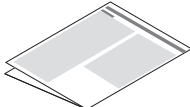
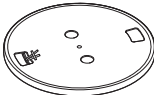
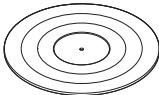
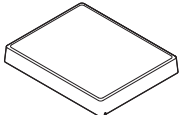
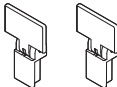
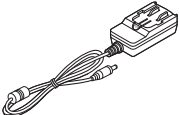
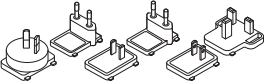

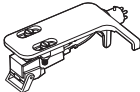


The motor does not require lubricating. Do not lubricate this unit.



Thank you for purchasing this Denon product. To ensure proper operation, please read this owner's manual carefully before using the product. After reading this manual, be sure to keep it for future reference.

Accessories

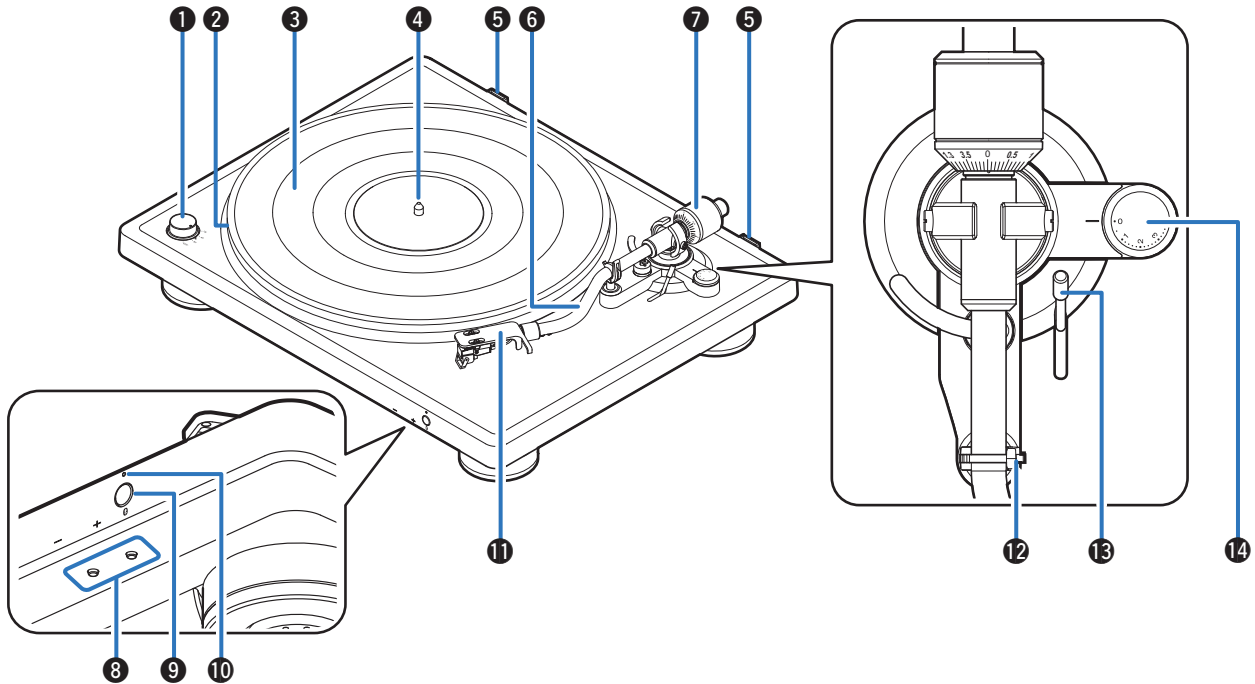
Check that the following parts are included with the product.

 <p>Quick Start Guide</p>	 <p>Safety Instructions</p>	 <p>Notes on radio</p>	 <p>Platter</p>	 <p>Platter mat</p>
 <p>Dust cover</p>	 <p>Hinges</p>	 <p>AC adapter</p>	 <p>AC adapter plugs (6 pieces)</p>	 <p>Audio cable</p>
 <p>Head shell with cartridge</p>	 <p>Counterweight</p>	 <p>45 rpm adaptor</p>		



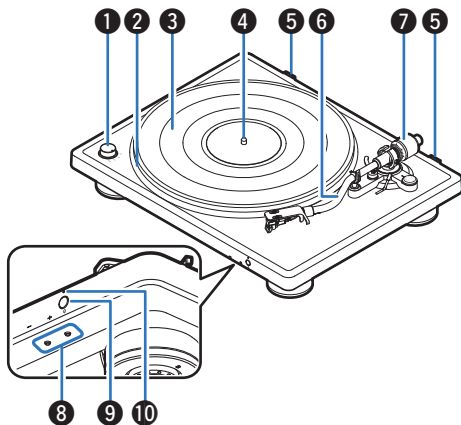
Part names and functions

Front



For details, see the next page.



**① RPM selector knob**

Switches the RPM to match the record being played. (☞ p. 25)

② Platter

Attached by mounting on the center spindle on the main unit. The belt is equipped underneath. (☞ p. 12)

③ Platter mat

Mounted on top of the platter. (☞ p. 12)

④ Center spindle

Place the platter and records so that it comes out through the center.

⑤ Hinge holders

Used to attach the included hinges and dust cover. (☞ p. 14)

⑥ Tone arm

- The counterweight is mounted on the back. (☞ p. 13)
- The head shell with cartridge is attached to the tip. (☞ p. 13)

⑦ Counterweight

Attached to the back of the tone arm to adjust stylus pressure.

- “Mounting the counterweight” (☞ p. 13)
- “Adjusting the stylus pressure” (☞ p. 15)

⑧ Bluetooth volume buttons (+, -)

These adjust the Bluetooth volume level. (☞ p. 29)

⑨ Bluetooth button (📶)

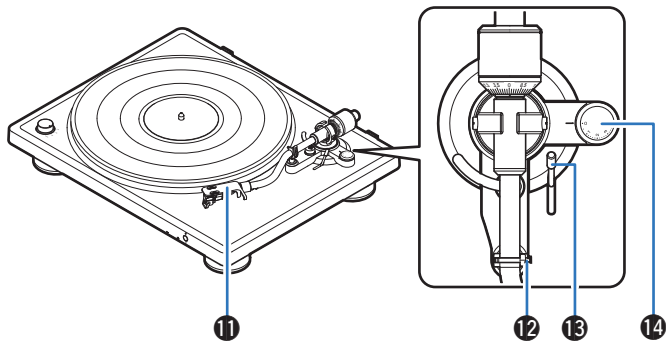
Used in the Bluetooth pairing settings. (☞ p. 29)

⑩ Bluetooth indicator

This lights up or blinks as follows, depending on the Bluetooth connection status. (☞ p. 29)

- Solid blue: Connected (SBC)
- Solid purple: Connected (aptX/aptX HD/aptX Adaptive)
- Blinking blue: Connecting
- Solid red: Waiting
- Blinking red and blue alternately: Pairing
- Blinking red twice: Clearing pairing information
- Off: Standby



**11 Head shell with cartridge**

Attached to the tip of the tone arm. (👉 p. 13)

12 Armrest

Rest the tone arm here when it is not in use for record playback.

13 Lifter lever

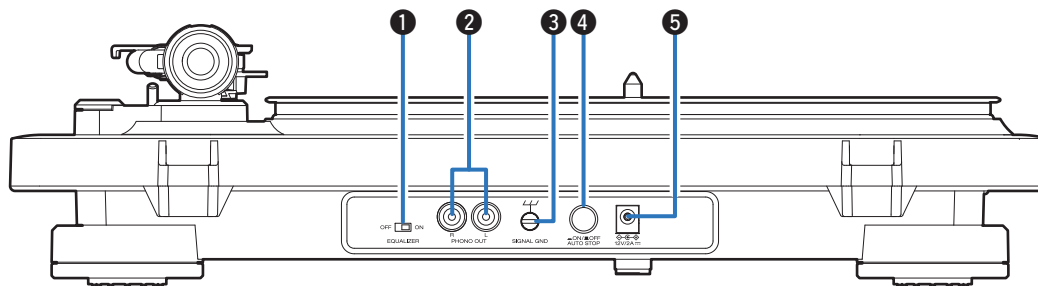
Raises and lowers the tone arm. Lowering the lever slowly lowers the tone arm to place the stylus without damaging it or the record to be played.

14 Anti-skating dial

Adjusts anti-skating. (👉 p. 18)



Rear

**1 EQUALIZER ON/OFF switch**

This switches the built-in equalizer on and off. Switch as needed depending on whether the connected amplifier or mini component system are equipped with phono input or not.

- “Connecting devices that do not have a phono input” (☞ p. 20)
- “Connecting devices that have a phono input” (☞ p. 21)

2 PHONO OUT connectors

For connecting devices with external audio or phono inputs.

- “Connecting devices that do not have a phono input” (☞ p. 20)
- “Connecting devices that have a phono input” (☞ p. 21)

3 SIGNAL GND terminal

Use the grounding wire on the included audio cable, even when connecting this device to amplifiers with grounded connections. (☞ p. 21)

4 AUTO STOP ON/OFF button

Automatically raises the tone arm and stops the turntable at the end of a record when this function is on during record playback. (☞ p. 28)

5 AC adapter input connector

For connecting the included AC adapter. (☞ p. 22)



■ Contents

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Adjustments

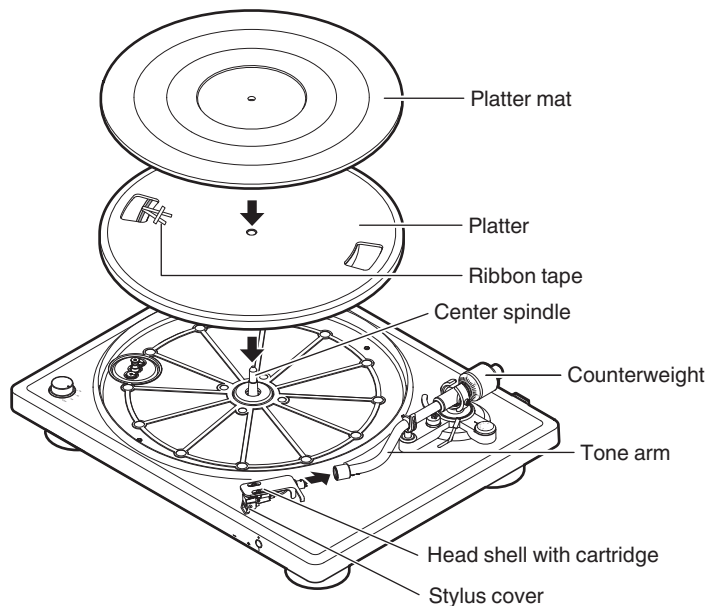
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Assembly

Mount these included parts on the main unit before use.

Make sure to perform setup on a stable, even surface to prevent the influence of vibration or slanted angles on record playback.



NOTE

- Make sure the AC adapter is not connected from this unit to a wall socket during assembly.



Mounting the platter

- 1 Mount the hole in the center of the platter on the center spindle.**

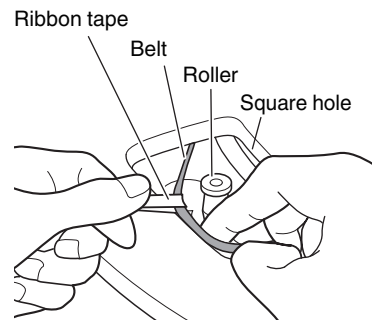
NOTE

- Make sure there are no foreign objects around the center spindle before mounting the platter.

- 2 Turn the platter until the roller of the main unit is visible from the square hole on the side with the ribbon tape.**

- 3 Pull out the ribbon tape, and hang the belt on the roller.**

- Remove the ribbon tape after hanging the belt.



- Take care not to twist the belt when hanging it.
- Store the ribbon tape after use, as it is required when replacing the belt.

- 4 Mount the platter mat on the platter.**

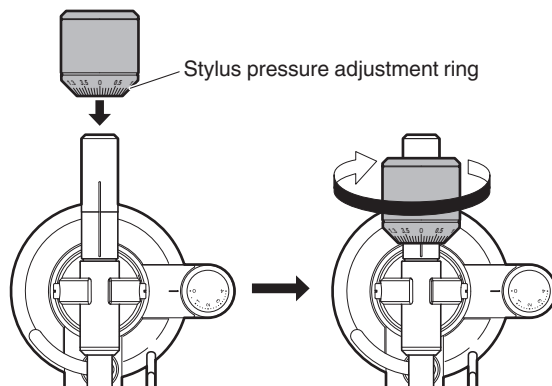


- Mount the mat with the side featuring the DENON logo facing down.



Mounting the counterweight

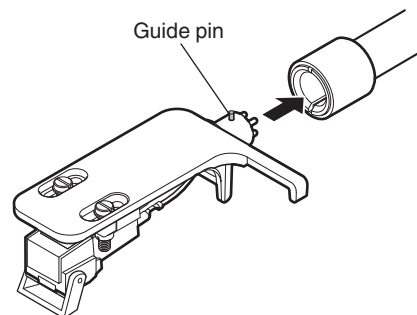
- 1 Insert the counterweight into the shaft on the back of the tone arm, and turn it in the direction of the arrow while gently pushing it.



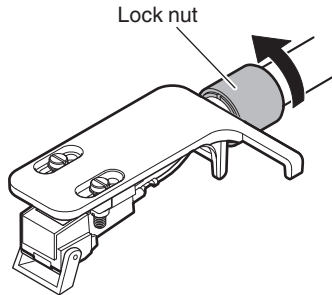
- Mount the counterweight so that its stylus pressure adjustment ring is facing the front.

Mounting the head shell with cartridge

- 1 Insert the head shell into the tip of the tone arm.
 - Insert the head shell with its guide pin facing up and aligned with the hole on the top of the tone arm.



- 2** Turn the lock nut in the direction of the arrow to secure the head shell.

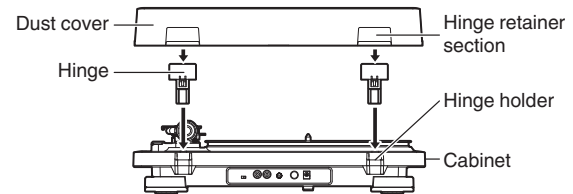


NOTE

- Perform this operation with the stylus cover of the cartridge lowered to protect the stylus tip.
- Keep the head shell and the tone arm terminal clean. If they are dirty, this may affect the sound quality. Regular cleaning is recommended.

Attaching the dust cover

- 1** Insert the 2 included hinges securely into the hinge holders at the back of the cabinet.



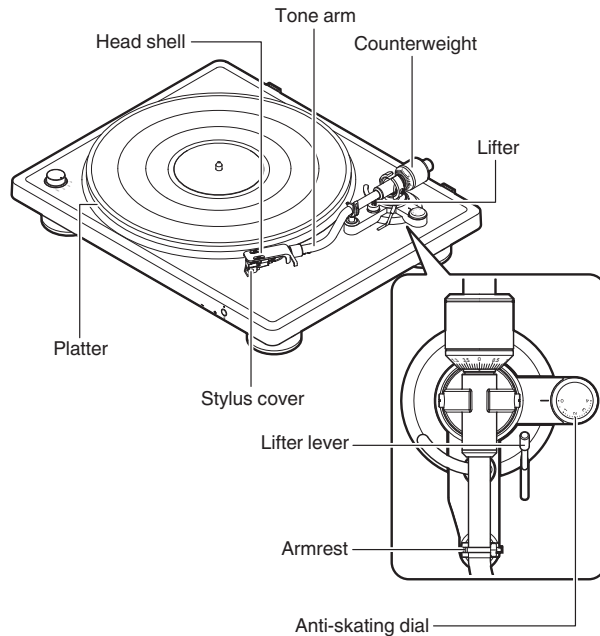
- 2** Mount the hinge retainer sections of the dust cover onto the hinges.



- Hold the dust cover near the hinge retainer sections when mounting and removing it.



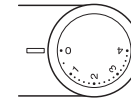
Adjustments



Adjusting the stylus pressure

To enable the record stylus to follow the grooves of the record and pick up sound (vibrations), it is necessary to apply a constant pressure (stylus pressure) to the record from the stylus tip. A suitable stylus pressure value is specified for each cartridge. If the stylus pressure is higher or lower than the specified value, not only will the record playback sound be distorted and the stylus jump, but the record stylus may wear out faster and the record may become damaged. Therefore, make sure to adjust the stylus pressure to the suitable value.

1 Set the anti-skating dial to “0”.



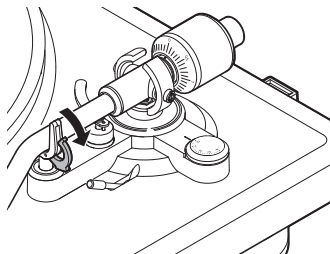
2 Lower the lifter lever.

NOTE

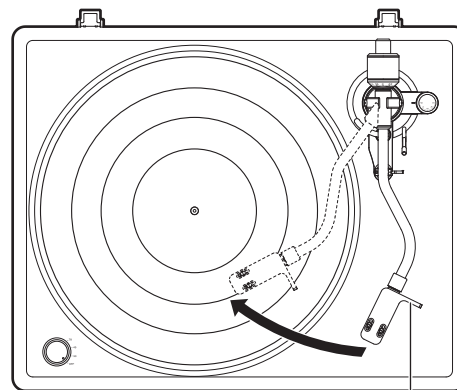
- Make sure the AC adapter is not connected from this unit to a wall socket when performing adjustments.



3 Release the armrest lock.



4 Holding the finger lift of the headshell, move the tone arm over the platter.



Finger lift

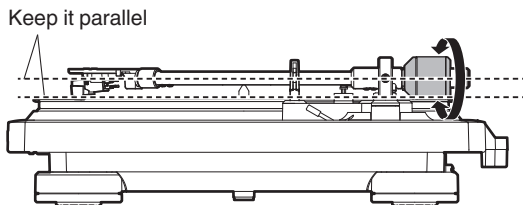
NOTE

- Perform this operation with the stylus cover of the cartridge lowered to protect the stylus tip.



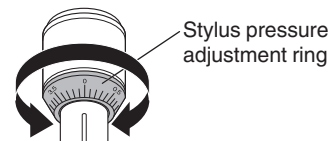
5 Turn twist the counterweight so that the tone arm is floating parallel to the platter.

- Perform adjustment by turning the counterweight gradually while periodically removing your hand to check the position.

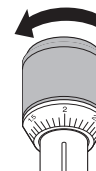


6 Return the tone arm to the armrest.

7 Holding the counterweight with a finger so that it does not move, turn the stylus pressure adjustment ring so that its “0” mark is lined up with the line on the tone arm.



8 Turn the counterweight in the direction of the arrow so that the “2” mark of the stylus pressure adjustment ring is lined up with the line on the tone arm.



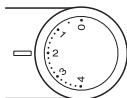
- The appropriate stylus pressure for the cartridge included with this unit is 2.0 g (19.6 mN).



Adjusting anti-skating

Anti-skating adjustment is performed to counter the force which pulls the stylus tip inside due to the record rotation.

- 1 Turn the anti-skating dial so that it is lined up with “2”.



- Make sure that the anti-skating value is the same as the stylus pressure value.



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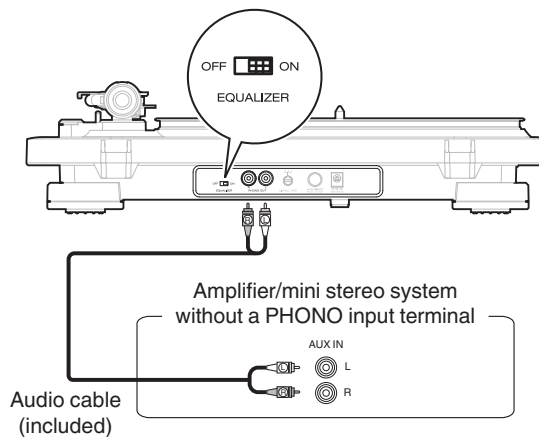
NOTE

- Do not plug in the AC adapter until all connections have been completed.
- Do not bundle AC adapter together with connection cables. Doing so can result in humming or noise.



Connecting devices that do not have a phono input

This unit has a built-in phono equalizer that enables record playback when connected to devices with external audio input without a built-in phono equalizer or with mini component system. Use the EQUALIZER ON/OFF switch to turn the phono equalizer on this unit “ON” when connected to a device without a built-in phono equalizer.

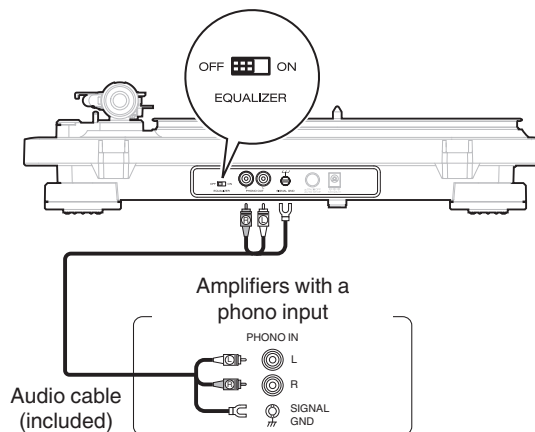


- It is recommended that the earth wire of the included audio cable is kept out of the way by securing it with a tie such as the twist tie of the audio cable.
- If the EQUALIZER ON/OFF switch is not set correctly, audio will be extremely low or distorted.
- Built-in phono equalizer is for MM cartridges only. MC cartridges have a lower output voltage than MM cartridges. If you are using a commercially available MC cartridge, set the EQUALIZER ON/OFF switch to “OFF”. We recommend using a step-up transformer or head amplifier.



Connecting devices that have a phono input

When connected to a device with a built-in phono equalizer, use that device's phono equalizer during record playback. Use the EQUALIZER ON/OFF switch to turn the phono equalizer on this unit "OFF" when connected to a device with a built-in phono equalizer.



- If a device connected to this unit has an earth terminal, connect the earth wire of the audio cable (included) to the earth terminal of this unit (SIGNAL GND). This may reduce noise during playback.
- If the EQUALIZER ON/OFF switch is not set correctly, audio will be extremely low or distorted.
- Depending on the connected amplifier, the volume may fluctuate when playing via Bluetooth.

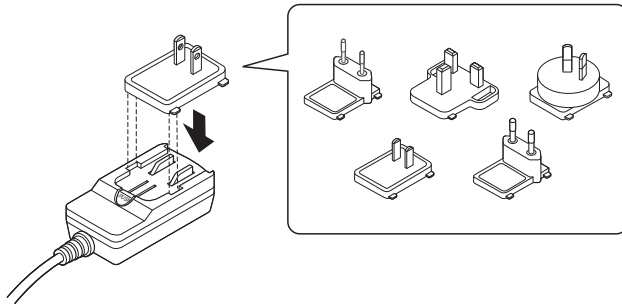


Connecting the AC adapter

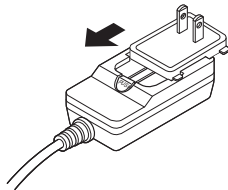
Wait until all connections have been completed before connecting the AC adapter.
Attach the plug needed for your wall outlet as shown in the figure below.

【Attaching the AC adapter plug】

1. Insert the nubs on the bottom of the AC adapter plug into the grooves on the AC adapter as shown in the picture below.

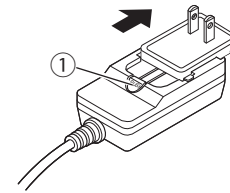


2. Push in the direction of the arrow until it locks in with an audible click.

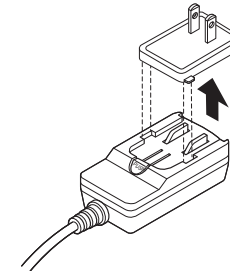


【Removing the AC adapter plug】

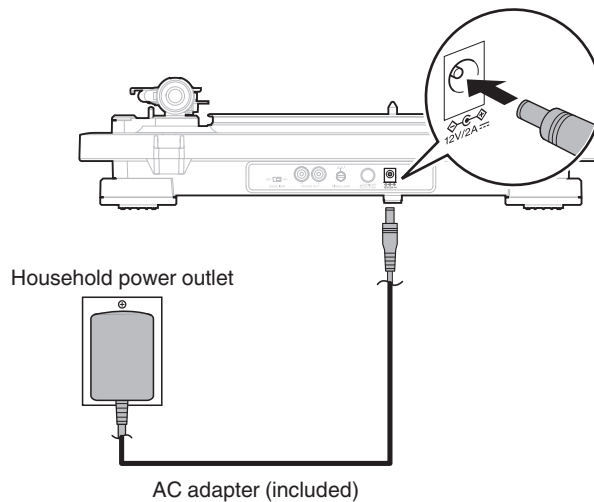
1. Slide the AC adapter plug out in the direction of the arrow as far as it can go while holding the ① button.



2. Once the AC adapter plug has been slid out as far as possible, lift it up in the direction of the arrow to remove.



■ Connecting the AC adapter



NOTE

- This unit turns on when the AC adapter connected to the unit is plugged in to a power outlet.
- When leaving home for long periods of time or when going on vacation, unplug the AC adapter from the power outlet.

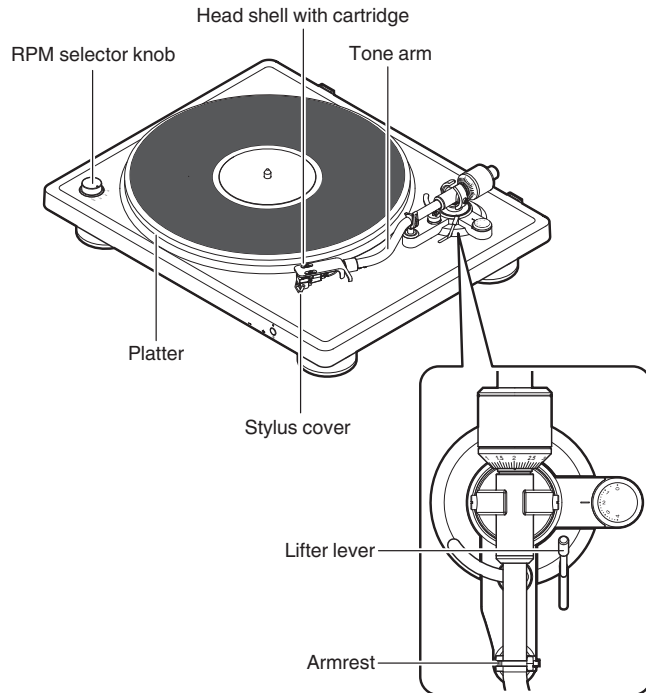


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Record playback



Record playback

1 Place a record on the platter mat.



- For EP (“doughnut”) records, insert the included 45 rpm adapter onto the center spindle.

2 Turn the RPM selector knob to match the platter rpm with the rpm of the record.

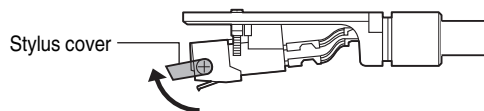
The platter will start turning.



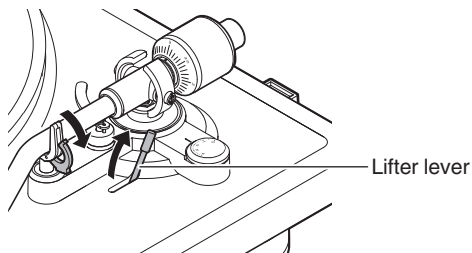
- You can select 33 1/3, 45, 78 rpm as the platter speed per minute.
- The record rpm is normally indicated on the jacket or label of the record.
- The included cartridge is also capable of playback at 78 RPM.



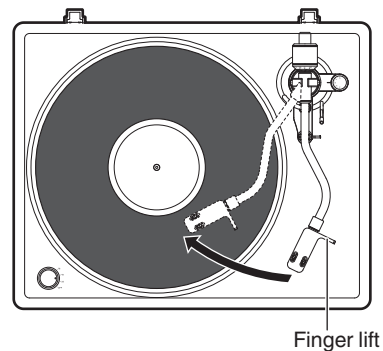
3 Raise the stylus cover of the cartridge.



4 Release the arm rest lock and raise the lifter lever.

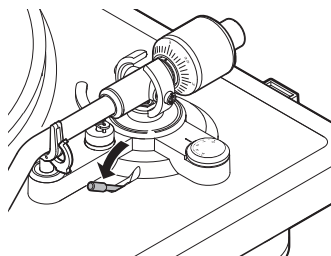


5 Grip the finger lift, and move the stylus tip directly above the start position of the track to play.



6 Lower the lifter lever.

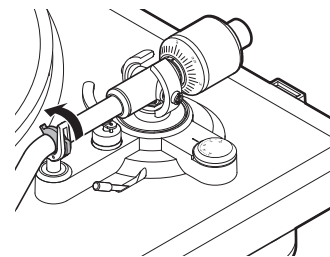
The tone arm slowly lowers, and playback starts when the stylus tip reaches the record.



- Be careful not to scratch records.
- Observe the following during playback.
 - Do not touch the tone arm or platter.
 - Do not disconnect the power.
 - Make sure this unit is not subjected to vibration or impact.
- Do not change the record until the platter has completely stopped.
- Do not apply pressure with your hand to stop the platter while it is turning. Doing so creates internal heat which can lead to equipment failure or fire.

Stopping playback

- 1 Raise the lifter lever.**
Raise the tone arm to remove the stylus from the record.
- 2 Holding the finger lift of the headshell, return the tone arm to the armrest.**
- 3 Lower the lifter lever.**
- 4 Lock the tone arm into the armrest.**



5 Turn the RPM selector knob to OFF.

The platter stops.

NOTE

- Flip down the stylus cover to protect the stylus in the cartridge when this unit is not in use.



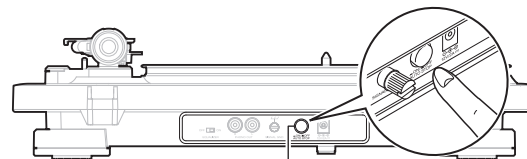
- The Bluetooth indicator will turn off approximately 15 minutes after the platter stops, and the unit power will switch to standby mode.

Using the automatic stop function

When automatic stop is on, the tone arm automatically raises after playback and then the platter stops. This keeps the platter from continuing to turn and cause stylus wear should you accidentally fall asleep while listening to a record, etc.

- The default setting is on.

1 Press AUTO STOP ON/OFF on the rear panel to turn the automatic stop function on.



AUTO STOP ON/OFF

- Make sure that AUTO STOP ON/OFF is pressed all the way in to make ensure that automatic stop is on.

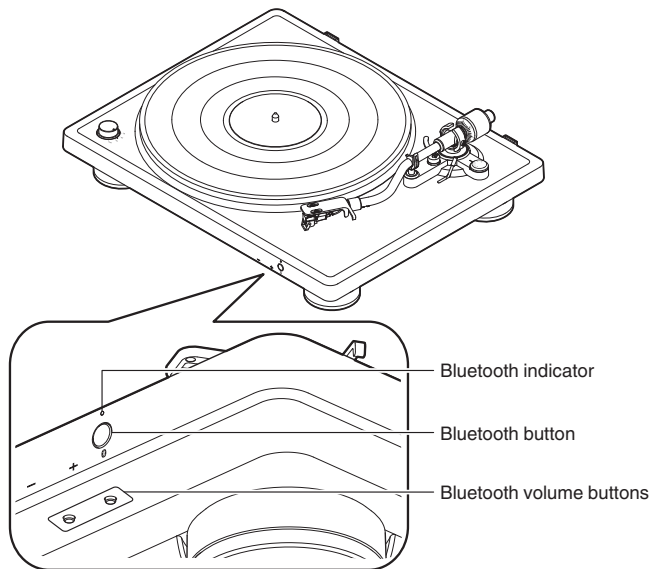


- The power will switch to standby approximately 15 minutes after the platter stops. Use the RPM selector knob to restart playback.



Listening to the sound of the record with Bluetooth speakers or headphones

When this unit is connected to separately sold Bluetooth devices including speakers, headphones, etc., use the Bluetooth transmission function of this unit to listen to records wirelessly.



Connecting Bluetooth speakers or headphones for the first time and playing a record

When connecting the unit to Bluetooth speakers or headphones for the first time, you must pair the device with this unit in advance. The information of the paired device is registered to this unit during pairing, so you do not need to pair them again.

- 1 Press and hold the Bluetooth button (📶) on this unit for approximately 2 seconds.**

The Bluetooth indicator flashes red and blue alternately to indicate pairing mode.



2 Set the Bluetooth-compatible speakers or headphones into pairing mode.

Once the Bluetooth indicator flashes blue and pairing with this unit is complete, they can be connected via Bluetooth. When a Bluetooth connection is made then the unit will light up in the following colors depending on the Bluetooth codec.

- Blue: SBC
- Purple: aptX/aptX HD/aptX Adaptive



- For instructions on how to enter pairing mode, refer to the instructions for the devices to be connected.
- If the connected Bluetooth speakers or headphones are compatible with aptX, aptX HD or aptX Adaptive, they will connect automatically using the supported aptX codec. If supporting multiple aptX codecs, devices will automatically connect in the order of aptX Adaptive → aptX HD → aptX.

3 Play the record following the steps 1 through to 6 of “Record playback” (☞ p. 25).



- Pairing may take some time depending on the device being connected.
- The unit connects to the nearest Bluetooth speakers or headphones. If the Bluetooth speakers or headphones cannot be detected after approximately 3 minutes in pairing mode, the Bluetooth indicator will turn to solid red and switch the Bluetooth connection to waiting mode.
- This unit can be paired with up to eight Bluetooth speakers or headphones. When pairing a 9th device, it will replace the oldest device and be registered as that.
- By pressing and holding the Bluetooth volume button (+) and the Bluetooth volume button (-) simultaneously for about 10 seconds, the Bluetooth indicator flashes red twice, and all paired device information registered with this unit is erased.
- The audio signal is output from the PHONO OUT terminals even when connected using Bluetooth.

NOTE

- If pressing the Bluetooth (ⓑ) button while playing a record, that vibration may cause the needle to jump. It is recommended to establish a Bluetooth connection before playing a record.



■ Adjusting the Bluetooth volume

1 Press Bluetooth volume buttons (+, -) to adjust the Bluetooth volume.



- You can also adjust the volume using the volume control functions of your Bluetooth speakers or headphones.

NOTE

- When using an MC cartridge, the Bluetooth output level is lower than when using an MM cartridge.
- You may not be able to adjust the volume, depending on the Bluetooth standards of the connected device.

Playing a record with paired Bluetooth speakers or headphones

When connecting Bluetooth speakers or headphones that have already been paired with this unit, those can be connected to this unit without pairing.

1 Turn on the Bluetooth speakers or headphones that are already paired with this unit.

2 Press the Bluetooth button (📶) on this unit.

The Bluetooth indicator lights up in the following colors to match the Bluetooth codec and the unit will connect using Bluetooth.

- Blue : SBC
- Purple : aptX/aptX HD/aptX Adaptive



- If the connected Bluetooth speakers or headphones are compatible with aptX, aptX HD or aptX Adaptive, they will connect automatically using the supported aptX codec. If supporting multiple aptX codecs, devices will automatically connect in the order of aptX Adaptive → aptX HD → aptX.

3 Play the record following the steps 1 through to 6 of “Record playback” (👉 p. 25).





- The unit connects to the nearest Bluetooth speakers or headphones. If the Bluetooth speakers or headphones cannot be detected after connecting Bluetooth for approximately 2 minutes, the Bluetooth indicator will turn to solid red and switch the Bluetooth connection to waiting mode.
- The audio signal is output from the PHONO OUT terminals even when connected using Bluetooth.

NOTE

- If pressing the Bluetooth (📶) button while playing a record, that vibration may cause the needle to jump. It is recommended to establish a Bluetooth connection before playing a record.

■ Adjusting the Bluetooth volume

1 Press Bluetooth volume buttons (+, -) to adjust the Bluetooth volume.



- You can also adjust the volume using the volume control functions of your Bluetooth speakers or headphones.

NOTE

- When using an MC cartridge, the Bluetooth output level is lower than when using an MM cartridge.
- You may not be able to adjust the volume, depending on the Bluetooth standards of the connected device.



Switching device playing a record during Bluetooth connection

When switching to paired Bluetooth speakers or headphones, turn off the power of the device that is currently connected via Bluetooth, then turn on the device you want to switch to. Follow the procedure described in “Playing a record with paired Bluetooth speakers or headphones” (👉 p. 31).

When switching to a device that has not been paired before, turn off the power of the device that is currently connected via Bluetooth, then turn on the device you want to switch to. Follow the procedure described in “Connecting Bluetooth speakers or headphones for the first time and playing a record” (👉 p. 29).



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Troubleshooting

If a problem should arise, first check the following:

1. Are the connections correct?
2. Is the set being operated as described in the owner's manual?
3. Are the other devices operating properly?

If this unit does not operate properly, check the corresponding symptoms in this section.

If the symptoms do not match any of those described here, consult your dealer as it could be due to a fault in this unit. In this case, disconnect the power immediately and contact the store where you purchased this unit.



Power does not turn on/Power is turned off

Power is not turned on.

- Check whether the power plug is correctly inserted into the power outlet. (👉 p. 23)
- The power is standby. Turn the RPM selector knob to the appropriate setting for the record you want to play. (👉 p. 25)

Power automatically turns off.

- The Bluetooth indicator will turn off approximately 15 minutes after the platter stops, and the unit power will switch to standby mode.

Power cannot be turned off

Power cannot be turned off.

- This unit does not have a power switch. When leaving home for long periods of time or when going on vacation, unplug the AC adapter from the power outlet.

The platter does not spin

The platter does not spin.

- Check whether the power plug is correctly inserted into the power outlet. (👉 p. 23)
- Make sure that the belt is hooked on both the platter and roller correctly. Follow the following steps if the belt has come off.
 1. Take the platter off the main unit and turn it over.
 2. Hook the belt around the outside edge of the circular part on the bottom of the platter.
 3. Turn the platter right-side up and pass the ribbon from the square hole between the platter and the belt.
 4. Set up the platter as shown in “Mounting the platter” (👉 p. 12).



No sound comes out

No sound is produced. Or sound is distorted.

- Check the connections for all devices. (👉 p. 19)
- Insert connection cables all the way in.
- Check that input connectors and output connectors are not reversely connected.
- Check cables for damage.
- Check the amplifier's functions and controls and adjust as necessary.
- Make sure the stylus is correctly attached. (👉 p. 40)
- If connecting an amplifier, mini component system, etc. with no built-in phono equalizer to this unit, set the EQUALIZER ON/OFF switch of this unit to "ON". (👉 p. 20)

Audio skips, scratches or is distorted

Audio skips, scratches or is distorted.

- The correct stylus pressure is not applied. Adjust to the correct pressure. (👉 p. 15)
- Make sure there are no scratches on the record.
- Make sure the record is not warped.
- Make sure there is no dirt or dust on the stylus or the record.
- Make sure the stylus has not been worn down. Replace the stylus if necessary. (👉 p. 40)



Howling is produced

Howling is produced.

- This unit and speaker are too close together. Move the speaker away from this unit.
- This unit is in an unstable position. Install in a stable, level location.
- Playback volume is too loud. Adjust the volume of the connected amplifier to the appropriate level.

The tone arm stops moving halfway

The tone arm not tracking during playback.

- Make sure there are no scratches on the record.
- Make sure nothing is obstructing the tone arm.



Bluetooth cannot be played back

Bluetooth devices cannot be connected to this unit.

- The Bluetooth function in the Bluetooth device has not been enabled. See the Owner's Manual of the Bluetooth device to enable the Bluetooth function.
- Bring the Bluetooth device near to this unit.
- The Bluetooth device cannot connect with this unit if it is not compatible with the A2DP profile.
- Turn the power of the Bluetooth device off and on again, and then try again.
- If there are Bluetooth devices around the unit that are powered on other than the Bluetooth device you want to connect to, turn off the devices that are currently connected and try connecting again.

The sound is cut off.

- Bring the Bluetooth device near to this unit.
- Remove obstructions between the Bluetooth device and this unit.
- To prevent electromagnetic interference, locate this unit away from microwave ovens, wireless LAN devices and other Bluetooth devices.
- Reconnect the Bluetooth device.

The volume is low.

- Adjust the volume using the Bluetooth volume buttons on this unit or volume control on the Bluetooth device.
- If a commercially available MC cartridge is installed in this unit, the volume will be reduced. In this case, it is recommended to adjust the volume on the Bluetooth device.

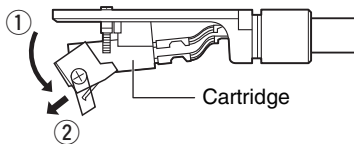


Replacing the stylus

The included stylus is good for approximately 400 hours of playback. Replace the stylus in a timely fashion to prevent damage to your record collection. When replacing the stylus, make sure to request the DSN-85 for dedicated use with this unit at either the location where you purchased this unit or a local repair shop.

■ Removing the stylus

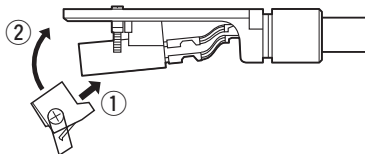
Holding the cartridge in one hand, use your other hand to hold the stylus and pull it down in the direction of arrow ①, then pull the stylus in the direction of arrow ② to remove it.



- Make sure this unit and any connected amplifiers are off before replacing the stylus.
- Be very careful when handling the delicate stylus tip. Remove dirt or dust from the stylus tip with a soft brush, etc.
- Replacing the stylus is easier when the headshell is removed from the tone arm.

■ Attaching a stylus

Holding the cartridge in one hand, use your other hand to hold the stylus and insert the hooked part of the stylus into the long hole in the cartridge in the direction of arrow ①, then push it up in the direction of arrow ② until it clicks in place.

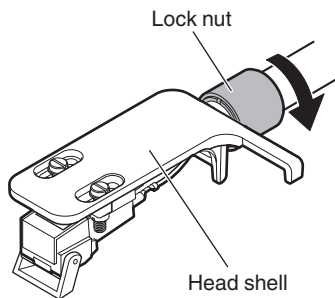


Replacing the cartridge

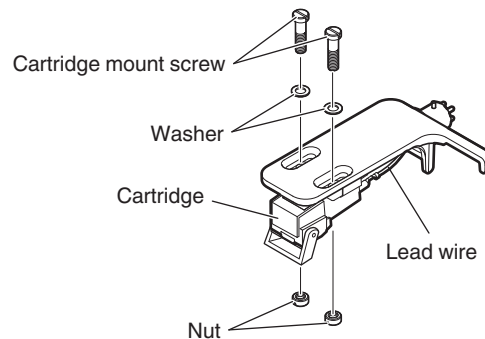
If you wish to mount a different cartridge on this unit, use one weighing about 59 to 128 mN (about 5 to 13 g).

■ Removing the cartridge

- 1 Turn the lock nut in the direction of the arrow and remove the head shell.



- 2 Remove the cartridge mount screws.
- 3 Disconnect the lead wires on the cartridge side.



NOTE

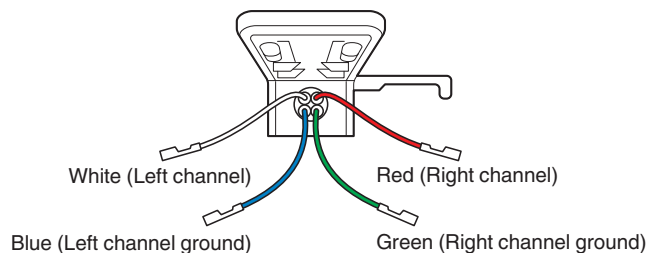
- Perform this operation with the stylus cover of the cartridge lowered to protect the stylus tip.



■ Mounting the cartridge

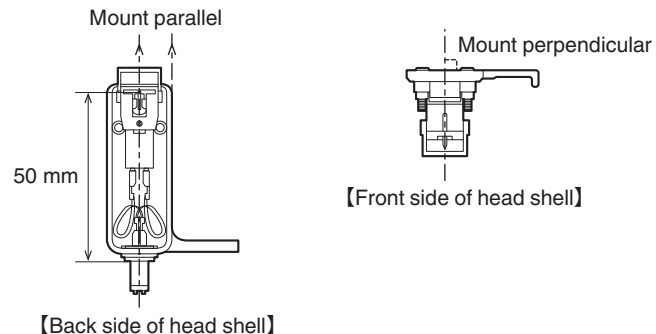
1 Connect the lead wires to the cartridge.

- Lead wires are differentiated by color as shown in the following diagram. Refer to indications and the instruction manual of the cartridge you are going to use to ensure you connect it correctly.



2 Mount the cartridge on the head shell.

- To achieve the required overhang, mount in such a way that the stylus tip is positioned about 50 mm from the edge of the head shell's mount surface, as shown on the diagram below. (The unit overhang is 16 mm)



- After you replace the cartridge, adjust needle pressure and anti-skating, etc. (☞ p. 15)
- Built-in phono equalizer is for MM cartridges only. MC cartridges have a lower output voltage than MM cartridges. If you are using a commercially available MC cartridge, set the EQUALIZER ON/OFF switch to "OFF". We recommend using a step-up transformer or head amplifier.



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Specifications

■ Turntable section

Drive type:	Belt drive
Motor:	DC servo motor
RPM speeds:	33 1/3, 45, 78 RPM
Wow & flutter:	0.1% WRMS
S/N ratio:	62 dB

■ Tone arm section

Tone arm:	Static balanced type
Tone arm effective length:	8.7 inches (220 mm)
Overhang:	0.6 inches (16 mm)
Stylus pressure range:	0 – 4.0 g (0 – 39.2 mN) 1 gradation is 0.1 g (0.98 mN)
Compatible cartridge weight:	5.0 – 13.0 g (59.2 mN – 127.5 mN)



■ Cartridge section

Cartridge:	MM type
Output voltage:	Equalizer off: 2.5 mV Equalizer on: 150 mV
Optimum stylus pressure:	2.0 g (19.6 mN)
Replacement stylus product number:	DSN-85

■ AC adapter section (External Power Supply Information)

Manufacturer:	SHENZHEN FU JIA APPLIANCE CO., LTD.
Address:	5F, Xihengchangrong (Xinghui) Technical Industrial Park F Dong, Hua Ning Rd. Dalang Street, Longhua Dist, Shenzhen, China
Model identifier:	FJ-SW1202000N
Input voltage:	100 – 240 V AC
Input AC frequency:	50/60 Hz
Output voltage:	12.0 V
Output current:	2.0 A
Output power:	24.0 W
Average active efficiency:	86.7 %
Efficiency at low load (10 %):	83.5 %
No-load power consumption:	0.09 W



■ Bluetooth section

Supported audio formats:	aptX Adaptive/aptX HD/aptX/SBC
Supported audio applications:	Classic Audio (AVRCP) – TX only
Transmit power:	Power Class 1
Typical range:	98.4 ft/30 m in line of sight *1

*1 The actual communication range varies depending on the influence of such factors as obstructions between devices, electromagnetic waves from microwave ovens, static electricity, cordless phones, reception sensitivity, antenna performance, operating system, application software, etc.

■ General

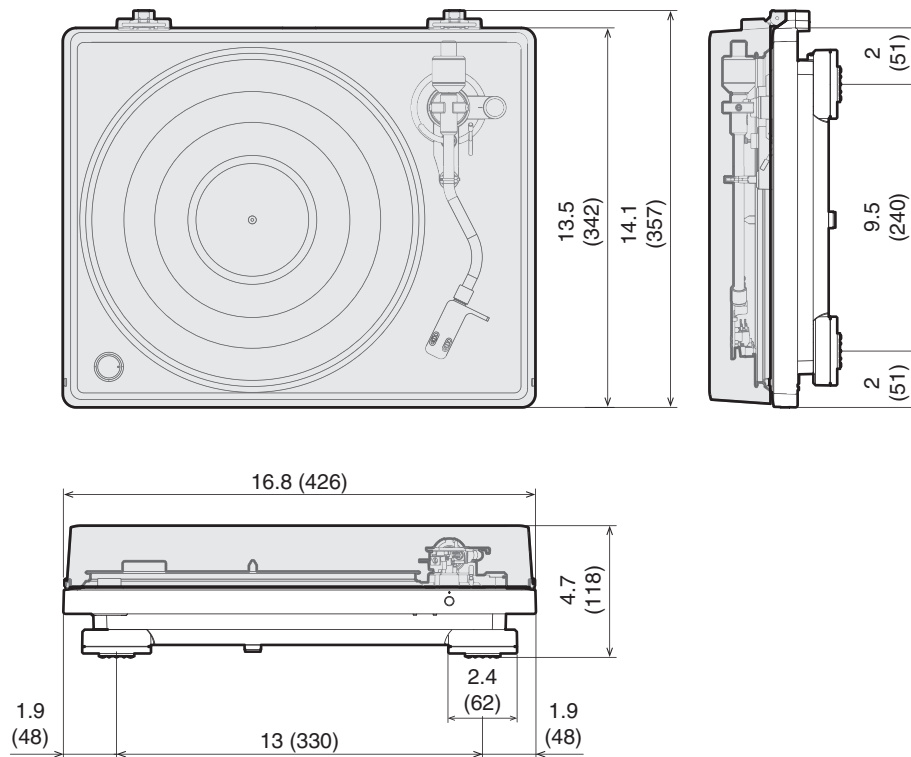
Operating temperature:	41 °F - 95 °F (5 °C - 35 °C)
Power consumption:	10 W
Power consumption in standby mode*2 :	0.5 W or less

*2 When the platter has been stopped for approximately 15 minutes or more.

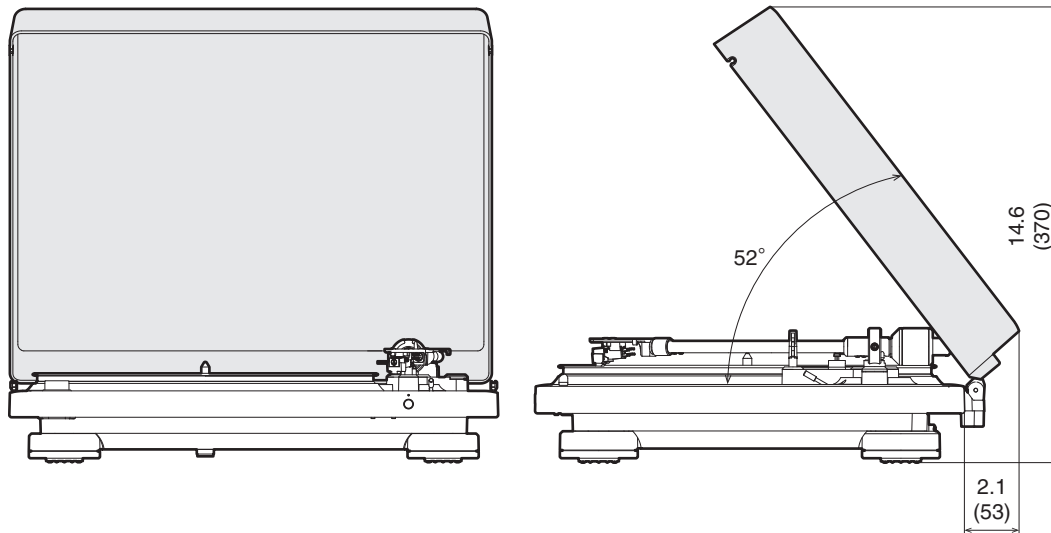
For the purpose of improvement, the specifications and design are subject to change without notice.



■ Dimensions (Unit : in. (mm))



【Dust cover opened】



■ Weight: 13.7 lb (6.2 kg) (including the dust cover)

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