

Stereo Turntable System

Operating Instructions

In this Operating Instructions, PS-LX5BT is used for illustration purposes unless when otherwise indicated.
PS-LX5BT and PS-LX3BT have different headshell shapes, but the operating procedure is the same.

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PS-LX5BT / PS-LX3BT

Owner's Record

Record the model and serial numbers in the spaces provided below and store them safely.
Refer to them whenever you call your Sony dealer regarding this product.

Model No. _____

Serial No. _____

The model and serial numbers to be recorded are located in the following places:
• the bottom of the unit

To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing, and do not place objects filled with liquids, such as vases, on the product.

The AC adaptor is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

As the main plug of the AC adaptor is used to disconnect the AC adaptor from the mains, connect it to an easily accessible AC outlet. Should you notice an abnormality in it, disconnect it from the AC outlet immediately.

The nameplate and important information concerning safety are attached in the following locations:
• the bottom of the unit

For customers who purchased PS-LX5BT
This unit has been tested and found to comply with the limits set out in the EMC regulation using a connection cable shorter than 3 m.

Use only the supplied AC adaptor. To avoid damaging the unit, do not use any other AC adaptor.

For customers in the U.S.A. and Canada
Pour les clients aux États-Unis et au Canada

Para clientes en EE. UU. y Canadá
For customers in the U.S.A.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this unit.

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

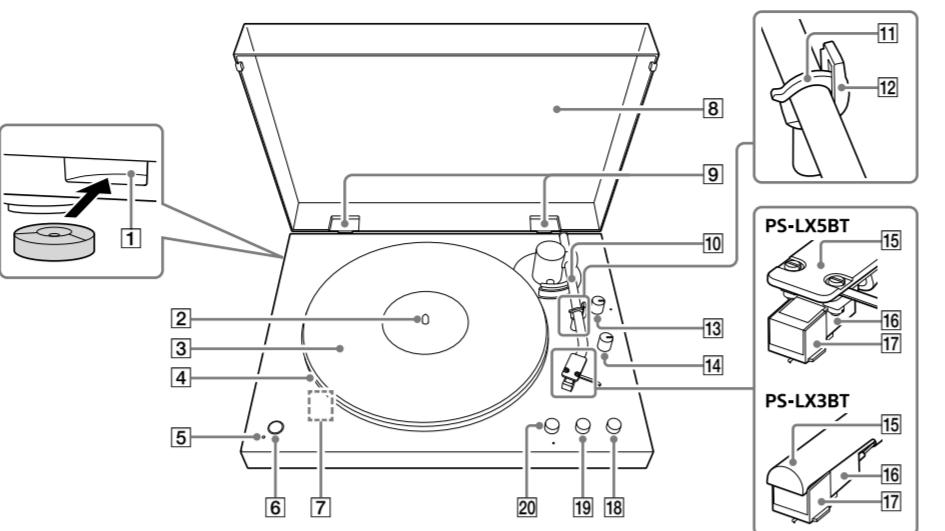
NOTE:
This unit has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio 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

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.

Names of Parts

Top/Side

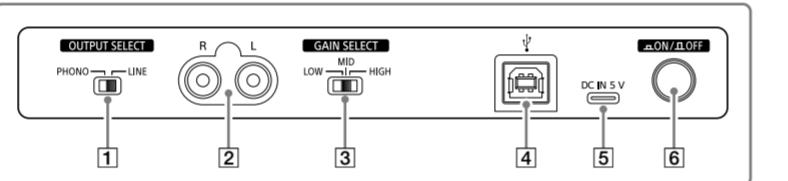


① Storage hole for the 45 rpm adaptor
② Spindle
③ Mat for the platter
④ Platter
Place the platter on the spindle while you are assembling your turntable. It has a drive belt wound around on the back side.
⑤ BLUETOOTH indicator
Flashes rapidly in blue: Your turntable is in pairing mode.
Lights up in blue: Your turntable is connected to a BLUETOOTH device.
Lights up in orange: Your turntable is waiting to connect to a paired device.
⑥ BLUETOOTH button/- PAIRING button
⑦ Micro USB port
The port is located inside your turntable when the platter is removed. When a firmware update is available, use a micro USB cable (not supplied) to connect a computer to the port and update the firmware.
For the firmware update, also refer to "To check the firmware version of your turntable."

⑧ Dust cover
⑨ Dust cover hinges
⑩ Tone arm
⑪ Tone arm lock
Lock the tone arm when not playing a vinyl record to protect it from physical impact.
⑫ Tone arm rest
⑬ SIZE rotary switch knob*
⑭ SPEED rotary switch knob
⑮ Headshell
⑯ Cartridge body
⑰ Stylus
⑱ UP/DOWN button
⑲ STOP button
⑳ START button*

* A tactile dot is provided for each of the number "12" of the SIZE rotary switch knob and the START button to assist with identification during operation.

Back (PS-LX5BT)



Model: YY2098C / YY2097C

not occur in a particular installation. If this unit does cause harmful interference to radio or television reception, which can be determined by turning the unit 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 unit and receiver.
- Connect the unit 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.

For customers of YY2098C.

The shielded interface cable recommended in this manual must be used with the unit in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

If you have any questions about this product:

Visit: <https://www.sony.com/electronics/support>

Contact: Sony Customer Information Service Center at 1-800-222-7669

Supplier's Declaration of Conformity

Trade Name: SONY

Model: YY2097C / YY2098C

Responsible Party: Sony Electronics Inc.

Address: 16535 Via Esprillo, San Diego, CA 92127 U.S.A.

Telephone Number: 858-942-2230

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.

Use only the supplied AC adaptor. To avoid damaging the unit, do not use any other AC adaptor.

For customers in Canada

This unit contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

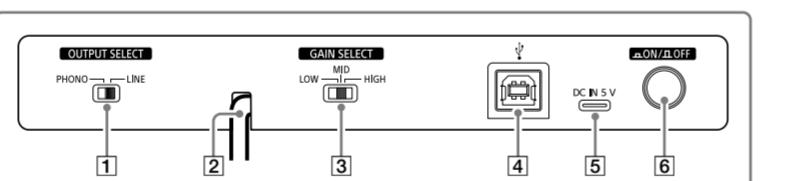
- (1) This unit may not cause interference; and
- (2) This unit must accept any interference, including interference that may cause undesired operation of the unit.

To check the firmware version of your turntable

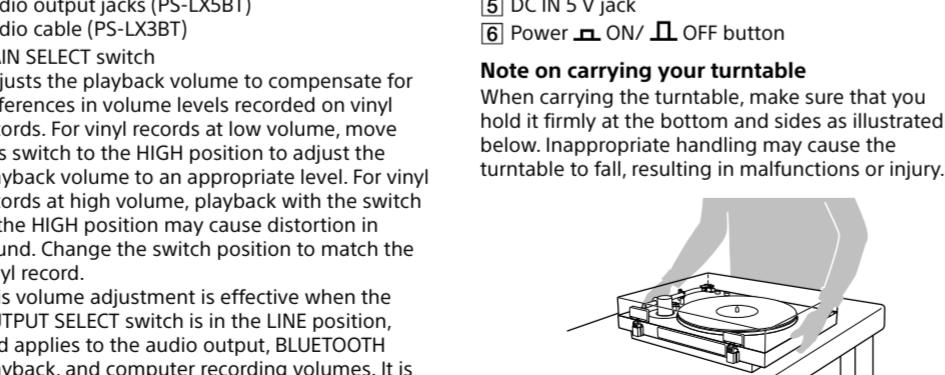
You can check the firmware version of your turntable on the computer. When a firmware update is available, it will be provided on the Sony Support Page. Download it to perform the update.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.

Back (PS-LX3BT)



Top/Side



① OUTPUT SELECT switch
② Audio output jacks (PS-LX5BT)
③ GAIN SELECT switch

Adjusts the playback volume to compensate for differences in volume levels recorded on vinyl records. For vinyl records at low volume, move this switch to the HIGH position to adjust the playback volume to an appropriate level. For vinyl records at high volume, playback with the switch in the HIGH position may cause distortion in sound. Change the switch position to match the vinyl record.

This volume adjustment is effective when the OUTPUT SELECT switch is in the LINE position, and applies to the audio output, BLUETOOTH playback, and computer recording volumes. It is disabled when the OUTPUT SELECT switch is in the PHONO position.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.

Getting Started

Checking the included items

- Stereo Turntable System (1)
- Platter (with drive belt) (1)



- Mat for the platter (1)



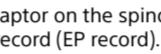
- Dust cover (1)



- Dust cover hinge (2)



- 45 rpm adaptor (1)



- AC adaptor (1)



- Audio cable (1)
Included only with PS-LX5BT



- Documents (1 set)

Note

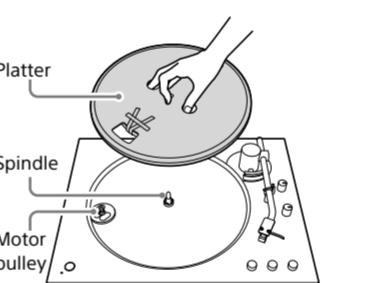
Keep the packaging materials in case you need to transport your turntable for repair.

Assembling the Turntable

Note

Place your turntable on a stable, level surface.

1 Place the platter on the spindle.

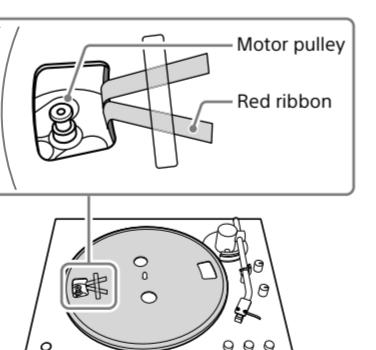


Note

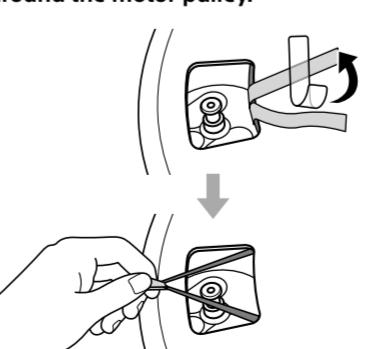
Before moving your turntable after assembly, ensure the following:

- Attach the stylus protective cover.
- Remove the platter.
- Secure the tone arm with the tone arm lock.

2 Turn the platter to the position where you can see the motor pulley through the rectangular hole with the red ribbon ends taped on the platter.



3 Peel off the adhesive tape, pull and hold the red ribbon, and then hook the drive belt around the motor pulley.



Note

- Be careful not to twist the drive belt.

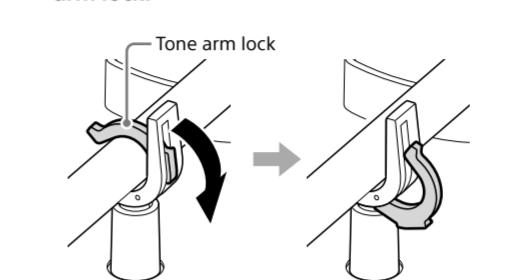
• If the drive belt comes off the inner ring of the platter during installation, remove the platter, turn it upside down, and rewrap the drive belt around the outer circumference of the inner ring. Then, restart the procedure from the beginning.

• Be sure to remove the red ribbon after you place the drive belt around the motor pulley.

4 Place the mat for the platter onto the platter.

If the mat has a recessed area in the center, place it with that side facing up.

5 Unlock the tone arm by releasing the tone arm lock.



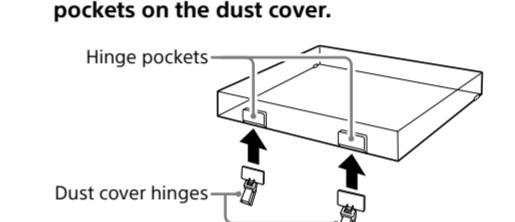
6 Press the UP/DOWN button to lift the tone arm and rotate the platter 10 times to initialize the operating mechanism.

Note

Be careful not to bump your hand against the tone arm while rotating.

After rotating the platter, press the UP/DOWN button to lower the tone arm.

7 Insert the dust cover hinges to the hinge pockets on the dust cover.



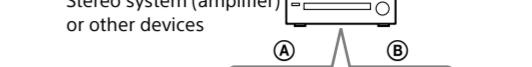
8 Attach the dust cover to your turntable.



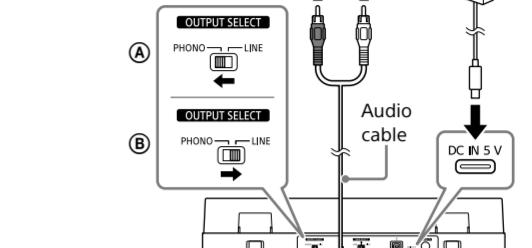
PS-LX3BT

Ⓐ: When connecting to the PHONO input jack
Ⓑ: When connecting to the LINE/AUX input jack or similar input

Stereo system (amplifier) or other devices



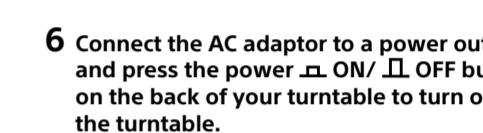
4 Remove the stylus protective cover.



Note

Remove the stylus protective cover with care so as not to damage the stylus.

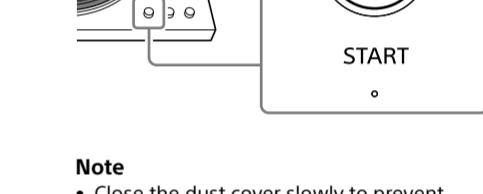
5 Unlock the tone arm by releasing the tone arm lock.



6 Connect the AC adaptor to a power outlet and press the power **ON** / **OFF** button on the back of your turntable to turn on the turntable.



7 Press the START button.



Note

• Close the dust cover slowly to prevent vibrations that could cause the stylus to skip.

• During playback, keep your hands away from the tone arm and the spinning vinyl record.

• During playback, do not move the switches on the back of your turntable.

8 Adjust the volume using the stereo system (amplifier).

To stop playback
Press the STOP button. The tone arm returns to the tone arm rest. The platter stops rotating.

To pause playback

Press the UP/DOWN button. The tone arm rises above the vinyl record. The platter keeps rotating.

When playback is finished

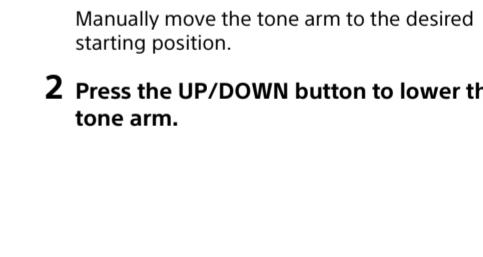
The tone arm returns to the tone arm rest automatically, then the platter stops rotating.

To play a different part of the vinyl record

1 After performing step 6, press the UP/DOWN button to lift the tone arm.

Manually move the tone arm to the desired starting position.

2 Press the UP/DOWN button to lower the tone arm.

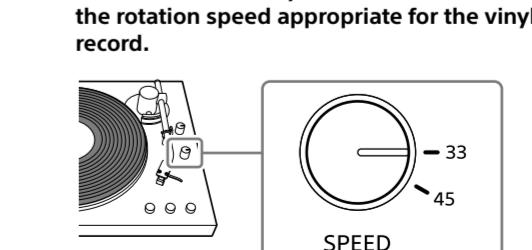


To play 7-inch (17 cm) vinyl records (EP records)

Place the supplied 45 rpm adaptor on the spindle to play 7-inch (17 cm) vinyl records (EP records).

When you have finished using the 45 rpm adaptor, keep it in its storage hole.

2 Use the SPEED rotary switch knob to select the rotation speed appropriate for the vinyl record.



Using the BLUETOOTH® function

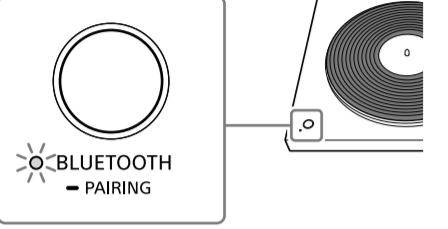
Pairing with a BLUETOOTH device

When connecting your turntable to a BLUETOOTH device for the first time, you must pair them in advance.

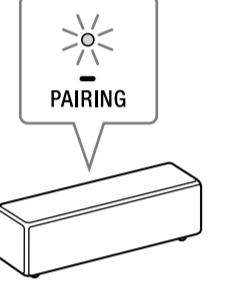
- 1 Place the BLUETOOTH device you want to connect as close to your turntable as possible.

- 2 Press and hold the BLUETOOTH button/ — PAIRING button on your turntable for about 2 seconds, and then release it.

The BLUETOOTH indicator flashes rapidly in blue.



- 3 Put the BLUETOOTH device into pairing mode.



The BLUETOOTH indicator on your turntable stops flashing blue and remains lit when pairing is complete.

Note

If using your turntable with the BLUETOOTH connection only, move the OUTPUT SELECT switch to the LINE position on the back of the turntable before playback.

Tip

- Press the BLUETOOTH button/ — PAIRING button to disconnect the BLUETOOTH connection. The BLUETOOTH indicator turns off.
- Your turntable can store pairing information for up to 8 BLUETOOTH devices.

To delete all stored device information, press and hold the BLUETOOTH button/ — PAIRING button for about 10 seconds, and then release it.

Listening to a Vinyl Record through a BLUETOOTH device

- 1 First, turn on the BLUETOOTH device and ensure it is ready to receive data via BLUETOOTH connection. Then, press the BLUETOOTH button/ — PAIRING button on your turntable to enable the BLUETOOTH function.

When the BLUETOOTH function is successful, the BLUETOOTH indicator on your turntable lights up in blue.

- 2 Do steps 1 through 7 of "Playing a Vinyl Record" to play a vinyl record.

Recording a Vinyl Record to a Computer

You can connect your turntable to a computer using a USB cable (not supplied) and record audio tracks from a vinyl record.

Setting up your computer

For Windows users

The following procedure is an example when using Windows 11 as the operating system.

- 1 Click [Start], and then select [Settings] from the list of applications displayed.

- 2 Select [Sound].

- 3 Select the output of your computer from the [Output] list.

Note

Selecting [USB AUDIO CODEC] sets your turntable as a device for sound output. Note that no sound will be output if you select this option.

- 4 Select [USB AUDIO CODEC] from the [Input] list.

[USB AUDIO CODEC] does not appear unless your turntable, which is connected to the computer, is turned on.

For Mac users

The following procedure is an example when using macOS 15 as the operating system.

- 1 Select the Apple menu in the menu bar and [System Settings].

- 2 Select [Sound].

- 3 Select the [Output] tab and the output of your computer from the list of output devices.

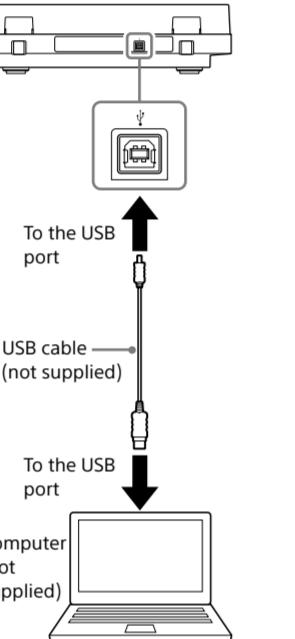
Note

Selecting [USB AUDIO CODEC] sets your turntable as a device for sound output. Note that no sound will be output if you select this option.

- 4 Select the [Input] tab and [USB AUDIO CODEC] from the list of input devices.

Note

- In addition to adjusting the above settings on Windows or macOS, you may also need to change the audio settings in your music recording software. In such a case, set the output device to your computer and the input source to [USB AUDIO CODEC] in the software.
- If your music recording software allows you to select the recording channel, set it to stereo.



- 2 Press the power \square ON/ \square OFF button on the back of your turntable to turn on the turntable.

Note

- Do not use a USB hub or a USB extension cable for connection.
- The audio output from your turntable is processed by the built-in phono equalizer amplifier and sent to the computer's USB port, regardless of the position of the OUTPUT SELECT switch on the back of the turntable.

- 3 Do steps 1 through 7 of "Playing a Vinyl Record" to play a vinyl record.

Maintenance

Cleaning the Stylus

The stylus is a high-precision component. Handle it with care to avoid damage. Use a commercial cleaning product for cleaning the stylus.

Replacing the Stylus

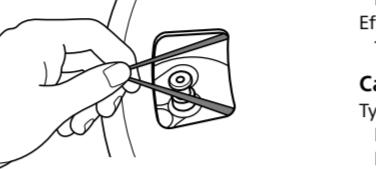
The stylus may become worn out, damaged, or dirty beyond cleaning depending on your use case. In such a case, replace the stylus.

For a replacement stylus, consult Sony support contact or your nearest Sony dealer.

- 1 Turn off your turntable and the connected stereo system (amplifier) and unplug their AC adaptors from the power outlet.

- 2 Remove the mat for the platter.

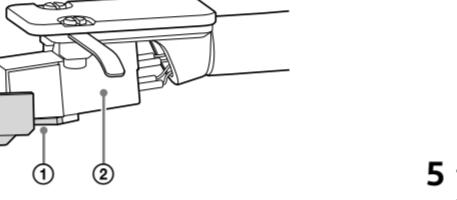
- 3 Unhook the drive belt from the motor pulley.



To remove the stylus

- 1 Turn off your turntable and the connected stereo system (amplifier) and unplug their AC adaptors from the power outlet.

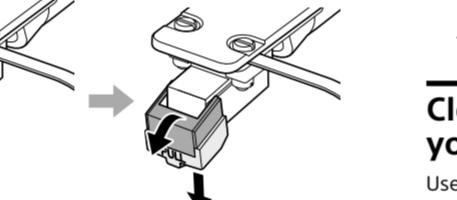
- 2 Align the stylus protective cover with the projection (①) on the lower part of the stylus and slide it toward the back of the cartridge body (②) until it is securely in place.



- 3 Remove the stylus with the stylus protective cover attached.

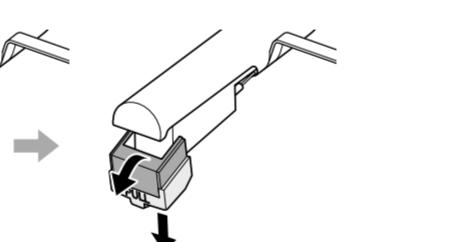
PS-LX5BT

- 1 Hold the sides of the cartridge body (①) using your fingers to keep it in place.
- 2 Place your finger of your other hand on the top of the stylus (②), then pull it down diagonally toward you and continue pulling it downward.



PS-LX3BT

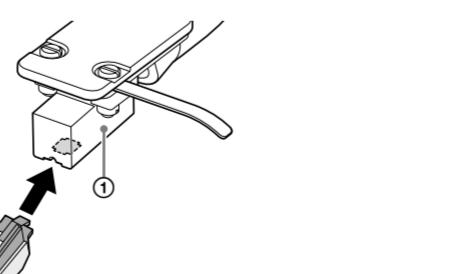
- 1 Hold the sides of the cartridge body (①) using your fingers to keep it in place.
- 2 Hold the stylus together with the stylus protective cover from both sides using your fingers of your other hand, then pull it down diagonally toward you and continue pulling it downward.



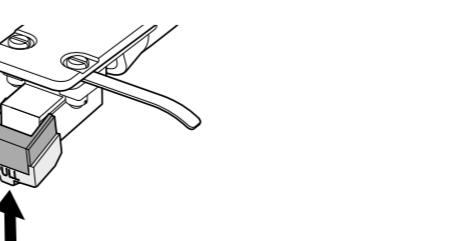
To attach the replacement stylus

- 1 Attach the stylus protective cover to the replacement stylus.

- 2 Hold the sides of the cartridge body (①) using your fingers to keep it in place and insert the tab on the stylus into the slot on the bottom of the cartridge body from a diagonal downward angle.



- 3 Push the stylus straight up until it clicks into place.



Specifications

Stereo Turntable System (PS-LX5BT/ PS-LX3BT)

Motor/platter section

Drive system
Belt-drive
Motor
DC motor
Platter
296 mm (11 3/4 in) dia. (aluminum die-cast)
Speeds
2 speeds (33 1/3 and 45 rpm)
Wow and flutter
0.1% (WRMS)
S/N ratio

When using the supplied cartridge.
More than 50 dB (DIN-B)

Tone Arm

Type
Dynamic balanced J shaped arm
Effective arm length
197 mm (7 7/8 in)

Cartridge

Type
PS-LX5BT: MM
PS-LX3BT: MM
Stylus pressure
PS-LX5BT: 2.0±0.5 g (1/14±1/64 oz)
PS-LX3BT: 3.5±0.5 g (1/8±1/64 oz)
Output level
PS-LX5BT: 2.5 mV
PS-LX3BT: 2.5 mV

BLUETOOTH section

Output
BLUETOOTH Specification Power Class 2
Maximum communication range
Line of sight approx. 10 m (32.8 ft)
The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, cordless phone use, reception sensitivity, the operating system, software applications, etc.

Frequency band
2.4 GHz band (2.400 0 GHz - 2.483 5 GHz)

Modulation method

FHSS
Compatible BLUETOOTH profile
A BLUETOOTH profile standardizes functions according to the characteristics of BLUETOOTH devices.
A2DP (Advanced Audio Distribution Profile)

Supported codes
Codec is an audio signal compression and conversion format.

SBC (Subband Codec)
Qualcomm aptX™ audio
Qualcomm aptX™ Adaptive audio
Transmission range (A2DP)
20 Hz - 20 000 Hz (Sampling frequency 44.1 kHz)
20 Hz - 40 000 Hz (Sampling frequency aptX Adaptive 96 kHz)

USB section

Output port
Type B (USB 2.0 Plug-in power)
Power
Powered by computer (DC 5 V 100 mA)

General

Output
AUDIO OUT
Power
DC 5.0 V 2.0 A (using the supplied AC adaptor connected to AC 100 V - 240 V, 50 Hz/60 Hz power supply)
Use the supplied AC adaptor for your turntable, as other adaptors may cause a malfunction.

Power consumption

When using the supplied AC adaptor.
On (Power button is set to ON and the platter keeps rotating): 1.8 W
Low power mode (Power button is set to ON and the platter stops rotating): 0.5 W or less

This product enters low power mode immediately after rotation of the platter is stopped.

Turned off (Power button is set to OFF): 0.3 W or less

Dimensions (W x H x D)

Including projecting parts and controls (When the dust cover is attached)
Approx. 430 mm × 117 mm × 366 mm (17 in × 4 5/8 in × 14 1/2 in)

Mass

When the dust cover is attached.
PS-LX5BT: Approx. 3.6 kg (7 lb 15 oz)
PS-LX3BT: Approx. 3.5 kg (7 lb 12 oz)

Design and specifications are subject to change without notice.

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The sound pitch is too high or low.

- The rotation speed may be incorrect. Set it to match the speed indicated on the vinyl record.
- Rotate the SPEED rotary switch knob to select "33" for 33 1/3 rpm records or "45" for 45 rpm records.

• The drive belt may be twisted. Untwist the drive belt.

• The drive belt may be worn out. Replace the drive belt.

The sound pitch fluctuates.

The stylus is worn out. Replace it with a new one.

The drive belt is worn out or broken.

Replace the drive belt. For a replacement drive belt, consult Sony support contact or your nearest Sony dealer.

The platter does not rotate.

- Make sure that the AC adaptor is firmly connected to a power outlet and the DC IN 5 V jack on your turntable.
- Make sure that the drive belt is completely hooked onto the motor pulley.

Playback sound is too low in volume or distorted.

Make sure that the OUTPUT SELECT switch on your turntable is in the correct position for the type of input jacks on the connected stereo system (amplifier).

BLUETOOTH connections

You cannot pair your turntable with a BLUETOOTH device.

- If there are other devices nearby with the BLUETOOTH function enabled that you do not want to pair with, disable their BLUETOOTH function before pairing.

• During the pairing operation on your turntable, the device you do not intend to pair with may automatically turn on and pair. In this case, change the settings on the device to prevent it from turning on via BLUETOOTH connection, turn it off, and then pair with the desired device again.

- The procedure for putting the device into pairing mode differs depending on the device. For details, refer to the user's instructions supplied with the device.

You cannot connect your turntable to the BLUETOOTH device you want to connect to.

If there are other devices nearby with the BLUETOOTH function enabled that you do not want to connect to, disable their BLUETOOTH function before connecting.

You cannot connect your turntable to a smartphone, TV, or computer.

Your turntable can send data to BLUETOOTH devices using the BLUETOOTH function; however, it cannot receive data from smartphones, TVs, or computers, so it cannot be connected to them.

The BLUETOOTH connection range is short.

Try the following.

- If there are other electronic devices connected to your turntable and the BLUETOOTH device, disconnect them.
- Connect your turntable to a power outlet that is not shared with a microwave oven.
- Place your turntable on a table that is not made of metal.

Repair Services

When you find that your turntable is not working properly, first review the suggestions listed in "Troubleshooting" to determine whether your problem requires repair.

If they do not help resolve the problem, consult Sony support contact or your nearest Sony dealer.

Before you consult Sony support contact or your nearest Sony dealer, you are advised to have the following information at hand:

- Model number: PS-LX5BT or PS-LX3BT (model number of the purchased product)
- Serial number at the bottom of your turntable:
- Description of the defect(s): Please describe as much as you can.</li