SONY®

■ Stereo
■ Turntable System

Operating Instructions
PS-LX300USB

Owner's Record

The model number and serial numbers are located at the rear. Record these numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.
Model No. PS-LX300USB
Serial No._____

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To prevent fire, do not cover the ventilation of the apparatus with news papers, table-cloths, curtains, etc. And don't place lighted candles on the apparatus.
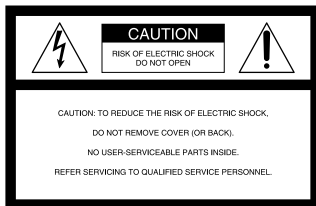
To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

The unit 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.

Install this system so that the power cord can be unplugged from the wall socket immediately in the event of trouble.

Notice for the customers in the U.S.A.

```
                    CAUTION
                RISK OF ELECTRIC SHOCK
                     DO NOT OPEN

    CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
            DO NOT REMOVE COVER (OR BACK).
          NO USER-SERVICEABLE PARTS INSIDE.
      REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
```

This symbol 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.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The Caution Marking is put on the Bottom Enclosure.

Important Safety Instructions

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.

WARNING

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.

CAUTION

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

If you have any questions about this product, you may call:
Sony Customer Information Center 1-800-222-SONY (7669) or
http://www.sony.com/.
The number below is for the FCC related matters only.

Regulatory Information

Declaration of Conformity
Trade Name : SONY
Model Name : PS-LX300USB (Stereo Turntable System)
Responsible Party : Sony Electronics Inc.
Address : 16535 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone No. : 858-942-2230

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.

Notice for the customers in Canada

This class B digital apparatus complies with Canadian ICES-003.

NOTICE FOR THE CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience.
Should the fuse in the plug supplied need to be replaced, a fuse of the same rating as the supplied one and approved by ASTA or BSI to BS1362, (i.e., marked with ⊛ or ⩒ mark) must be used.
If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover.
If you should lose the fuse cover, please contact your nearest Sony service station.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives.

This product has been manufactured by or on behalf of Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Belgium, bijkantoor van Sony Europe Limited, Da Vincilaan 7-D1, 1935 Zaventem, Belgium. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

For the customers in Europe

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

This equipment has been tested and found to comply with the limits set out in the EMC Directive using a connection cable shorter than 3 meters (10 feet).

Table of Contents

About This Manual

Thank you for purchasing the Sony Stereo Turntable System. Before operating the unit, please read this manual thoroughly and retain it for future reference.

- IBM and PC/AT are registered trademarks of International Business Machines Corporation.
- Microsoft, Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and / or other countries.
- In this manual, Microsoft® Windows® XP Home Edition and Microsoft® Windows® XP Professional are referred to as Windows XP.
- In this manual, Microsoft® Windows Vista® Home Basic, Windows Vista® Home Premium, Windows Vista® Business, and Windows Vista® Ultimate are referred to as Windows Vista.
- In this manual, Microsoft® Windows 7® Home Premium, Microsoft® Windows 7® Professional, and Microsoft® Windows 7® Ultimate are referred to as Windows 7.
- Sound Forge is a trademark or registered trademark of MAGIX Software GmbH in the United States and other countries.
- All other names of systems and products are trademarks or registered trademarks of their respective owners. ™ and ® marks are omitted in this manual.
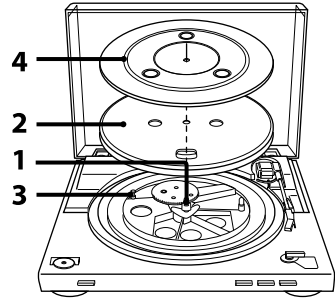
Unpacking

Check that you received the following items with your turntable:
- Platter (with drive belt) (1)
- Rubber mat (1)
- 45 r/min adaptor (1)
- USB cable (1)
- CD-ROM, "Sound Forge Audio Studio LE" included (1)
- Operating Instructions (this manual)
- Notes on user registration of "Sound Forge Audio Studio LE"
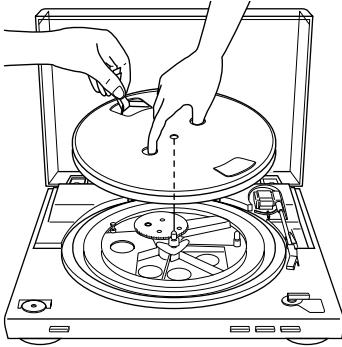
Assembling the Turntable

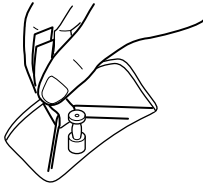**1** Move the metallic parts inside the larger gear in the direction of the arrow.
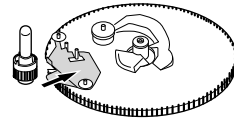
2 Carefully place the platter on the spindle.

3 Use the ribbon to hook the drive belt around the motor pulley.

Make sure not to twist the drive belt. After looping the belt, do not forget to remove the ribbon.

4 Place the rubber mat on the platter.

Turntable assembly is complete.

Note
When the AC power cord is plugged after assembling or moving the turntable, the turntable sometimes rotates and the tone arm descends to the platter even if START is not pressed.
If this occurs, press STOP to return the tone arm to the arm stand.

To remove the dust cover

With the dust cover fully opened, grasp both sides of the cover, then remove it carefully.
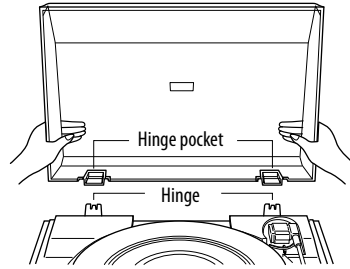
Hinge pocket

Hinge

Tip
You can use the turntable leaving the dust cover removed. In that case, store the cover correctly.

To install the dust cover

Insert the hinge pockets on the dust cover into the hinges on the rear of the cabinet.

Connecting an Audio Device

The phono cable comes attached to the rear of the cabinet.

1 Set the PHONO/LINE switch (on the rear of the turntable) according to the jacks of your stereo system (amplifier).
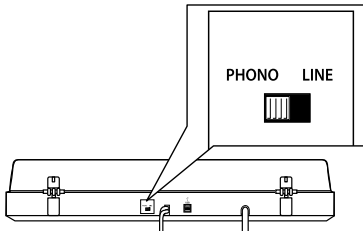
PHONO   LINE

- When your stereo system (amplifier) has PHONO input jacks (connect to PHONO input jacks)
  →set to PHONO. The Equalizer function is off.
- When your stereo system (amplifier) does not have PHONO input jacks (connect to AUX, VIDEO input jacks, etc.)
  →set to LINE. The Equalizer function is on.

2 Connect the cable with the white plug to the white (L) jack and connect the cable with the red plug to the red (R) jack.

Make sure to insert the plugs firmly into the jacks. If the plugs are not inserted firmly, noise may occur.

PHONO IN

L

R
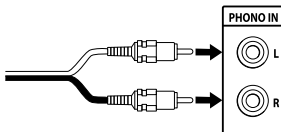
3 Connect the AC power cord.

Connect the AC power cord to an AC wall outlet after completing all of the connections by performing steps 1 and 2.

→ to a wall outlet

Operations
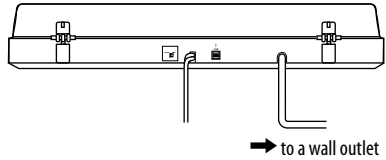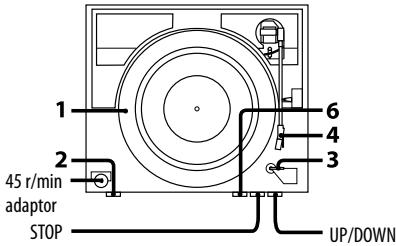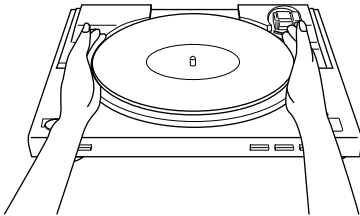
Playing a Vinyl Record

1 Place a vinyl record on the platter.

Note

Place only one vinyl record on the platter at a time. If two or more vinyl records are stacked on the platter, the stylus will not make proper contact with the grooves and the quality of reproduction will be impaired.

2 Press the Speed select button to select the speed.

3 Set the SIZE SELECTOR to 17 or 30.

4 Turn the protective cover to expose the stylus.

5 Close the dust cover.

6 Press START.

The platter starts rotating.

Note

Lower the volume of the amplifier to prevent damage to it. If the tone arm descends and the stylus touches the vinyl record, a loud creaking noise may occur and harm the amplifier or speakers. Adjust the volume of the amplifier after the stylus descends.

7 Adjust the volume on your amplifier.

When playback is finished

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

To stop playing

Press the STOP button.
The tone arm returns to the arm stand.
The platter stops rotating.

Operations

To pause playing

Press the UP/DOWN button to raise the stylus off the vinyl record.

To play a different part of the vinyl record

1 After performing step 4, press the UP/DOWN button, then lift the tone arm.

2 Move the tone arm to the position you desire.

3 Press the UP/DOWN button.
   The tone arm descends to the record, then playback starts.

To play a 17-cm vinyl record

Place the supplied 45 r/min adaptor on the spindle.
When you have finished using the adaptor, put it back in the adaptor tray.

Recording Audio Tracks on Your Computer

You can record audio tracks of a vinyl record on your computer by:
- Connecting the turntable and your computer using the supplied USB cable
- Using the supplied software, "Sound Forge Audio Studio LE"

System requirements for the computer to be connected to the turntable*

- Compliant computer:
  IBM PC/AT or compatible computers
- Operating systems:
  Windows® XP Home Edition Service Pack 2 or higher
  Windows® XP Professional Service Pack 2 or higher
  Windows Vista® Home Basic
  Windows Vista® Home Premium
  Windows Vista® Business
  Windows Vista® Ultimate
  Windows 7 Home Premium
  Windows 7 Professional
  Windows 7 Ultimate
  Windows 8
  Windows 8 Pro
  Windows 8.1
  Windows 8.1 Pro
  Windows 10 Home
  Windows 10 Pro
  Pre-installed (manufacturer installed only)
  – Operating systems other than those listed above are not supported.
  – Windows XP 64 bit and Windows Vista 64 bit are not supported.
  – The supplied Sound Forge Audio Studio LE supports Windows XP 32 bit, Windows Vista 32 bit/64 bit, Windows 8/8.1 32 bit/64 bit, and Windows 10 32 bit/64 bit. Version 9.0d or higher supports Windows 7 32 bit/64 bit.
- Hardware Environment:
  – Port: USB port**
  – CD-ROM drive
  * Required when recording audio tracks of a vinyl record onto a computer via a USB connection.
  **The USB jack of the turntable supports USB (full-speed).

Notes

- For the operating environment mentioned above, the turntable is not guaranteed to operate with all computers.
- The turntable is not guaranteed to operate with home built computers, operating systems that are personally up-graded or multiple operating systems.
- The turntable is not guaranteed to operate with functions such as system suspend, sleep (stand-by mode) and hibernation, on all computers.

Notification of end of support for Windows XP and Windows Vista

Microsoft Corporation has ended support for Windows XP and Windows Vista, so at present it is no longer possible to obtain important program updates with fixes for issues in Windows XP and Windows Vista. Accordingly, support for issues affecting hardware and software from Sony, as well as security updates, will no longer be available. If you continue to use Sony products in a Windows XP or Windows Vista environment, you may experience issues such as failure of hardware or software to operate properly and inability to maintain security.
For support for the operating systems, including Windows 7 and later, please refer to the support information provided by Microsoft Corporation.

Installing the supplied software

Before recording, install the supplied software, "Sound Forge Audio Studio LE."
Once you install the software into your computer, you do not have to install it again other than that you need to re-install it.

1 Insert the Sound Forge Audio Studio LE application disc in the disc drive of your computer.

If AutoPlay is enabled for the disc drive, the setup screen is displayed automatically.
If you have disabled the drive's AutoPlay feature, follow one of the procedures that is appropriate for your operating system to start installation.

For Windows XP

1 Select [Run] from the [Start] menu.

2 Type "D:\setup.exe" (where D is the drive letter of the disc drive) and click [OK].
The setup screen is displayed.

For Windows Vista and Windows 7

1 Select [All Programs] - [Accessories] - [Run] from the [Start] menu.

2 Type "D:\setup.exe" (where D is the drive letter of the disc drive) and click [OK].
The setup screen is displayed.

For Windows 8/8.1

1 Right-click the [Start] menu and select [Run].

2 Type "D:\setup.exe" (where D is the drive letter of the disc drive) and click [OK].
The setup screen is displayed.

For Windows 10

1 Select [Windows System] - [Run] from the [Start] menu.

2 Type "D:\setup.exe" (where D is the drive letter of the disc drive) and click [OK].
The setup screen is displayed.

2 Click [Install Sound Forge Audio Studio].
The Installation Wizard starts.

3 Follow the on-screen instructions to install the software.
The first time you start the software, you'll be prompted to register.

4 Select the [Register online] radio button, and then click the [Next] button.

Please register online within 30 days from the date of your installation to activate the software for unlimited use.

[Next]

5 Type your registration information, select the check box to indicate that you agree with the terms*, and then click the [Finish] button.

* For the terms, refer to "Information for "Sound Forge Audio Studio LE" transferring to MAGIX" supplied with the CD-ROM.

You're now ready to start using the Sound Forge Audio Studio LE software.

Registration information

You agree with the terms.

[Finish]

Tip
To register online on the 31st day from the date of your installation or later, select [Update User Information] from [Help] on the "Sound Forge Audio Studio LE" software and type your registration information on the registration window.

Connecting the USB cable

Connect the turntable and the computer with the supplied USB cable.

To the USB jack

USB cable (supplied)

To the USB port

Computer (not supplied)
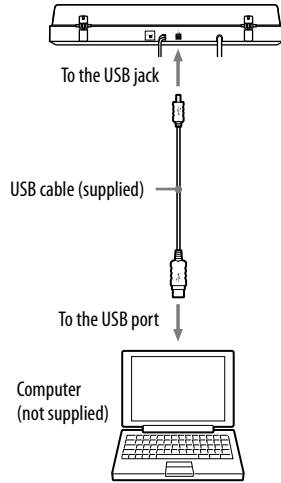
Notes
- The turntable is not guaranteed to operate with a USB hub or USB extension cable. Use the supplied USB cable.
- Connect the USB cable into the USB jack/USB port securely, or may cause a malfunction.
- Disconnect the USB cable when it is not in use , or it may cause noise.
- When the turntable and computer are connected via USB cable, the audio that is adjusted with the turntable equalizer is input to the USB port of the computer, when playing the turntable to record audio tracks on your computer.

Tip
The USB driver is included in your Windows operating system and will be installed automatically when you connect the turntable to the USB port on your computer for the first time. For details, refer to your computer's operating instructions.

Setting up your computer

Before you use your computer connected to the turntable, be sure to make the necessary settings described below.

The windows used for describing the following instructions may look different from what you actually see on the computer screen depending on its settings.

Setting the recording device

[Recording] tab
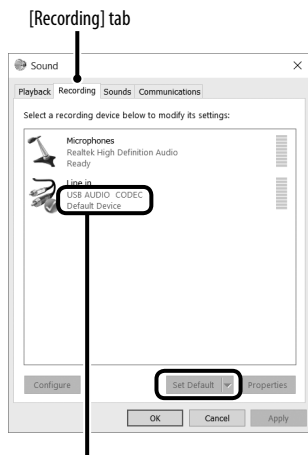
Make sure that [USB AUDIO CODEC] is set as the default device. If not, select [Set Default].

Note
For Windows 7, you also need to set the signal input level.

For Windows XP
([Control Panel] is in [Category View])

1 Select [Control Panel] from the [Start] menu.

2 Click [Sounds, Speech, and Audio Devices].

3 Click [Sounds and Audio Devices].

4 Click the [Audio] tab.

5 Select [USB Audio CODEC] for [Default device:] of [Sound recording].

6 Click [OK].

For Windows Vista
([Control Panel] is in the [Control Panel Home] view)

1 Select [Control Panel] from the [Start] menu.

2 Click [Hardware and Sound].

3 Click [Sound].

4 Click the [Recording] tab.

5 Select [USB Audio CODEC] for [Microphone].

6 Click [Set default].

7 Select [USB Audio CODEC], then click [Properties].

8 Click the [Advanced] tab.

9 Select [2 channel, ...] (ex: [2 channel, 16 bit, 44100 Hz (CD Quality)]) from the [Default Format] drop-down list.

10 Click [OK].

Note
- To input stereo signal from the turntable to the computer, performing steps 7 through 10 is necessary.
- You can set the signal input level for Windows Vista SP1 or higher. For details, refer to your computer's operating instructions.

For Windows 7
([Control Panel] is in the [Category] view)

1 Select [Control Panel] from the [Start] menu.

2 Click [Hardware and sound].

3 Click [Manage audio devices] in [Sound].

4 Click the [Recording] tab, and check if [Default device] is set for [USB Audio CODEC].

5 Select [USB Audio CODEC], and then click [Properties].

6 Click the [Advanced] tab.

7 Select [2 channel, …] (ex: [2 channel, 16 bit, 44100 Hz (CD Quality)] or [2 channel, 16 bit, 48000 Hz (DVD Quality)]) from the [Default Format] drop-down list.

Operations

8 Click [OK].

Note
To input a stereo signal from the turntable to the computer, steps 5 through 8 are necessary.

To set the signal input level

1 Click the [Levels] tab in the [USB Audio CODEC] property screen.

2 Move the slider to 0.

3 Adjust the slider using the cursor key.
The appropriate setting for the turntable is 2 in the [0, 0, 1, 2, 3, …] level display.
Check that the mute button is not active at this time.

Level display

Slider   Mute button
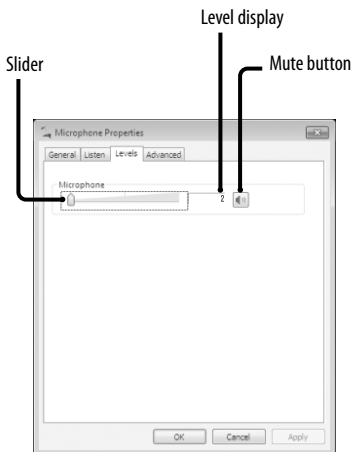
4 Click [OK].

Note
Do not exceed the recommended setting range when setting the input level (such as setting the left side all the way to 0 or increasing the numerical value of the level display). Doing so may cause the sound not to be output or to be distorted.

For Windows 8/8.1
(Charms bar as the typical operation method)

1 Display the Charms bar on the desktop and click the [Settings] charm.

2 Click [Control Panel], and then click [Hardware and Sound].

3 Click [Manage audio devices] in [Sound].

4 Click the [Recording] tab, and check if [USB AUDIO CODEC] is set to [Default Device].

5 Select [USB AUDIO CODEC], and then click [Properties].

6 Click the [Advanced] tab.

7 Select [2 channel, ...] (for example, [2 channel, 16 bit, 44100 Hz (CD Quality)] or [2 channel, 16 bit, 48000 Hz (DVD Quality)]) from the [Default Format] drop-down list.

8 Click the [Listen] tab, and then select the check box next to [Listen to this device].

9 Click [OK].

Notes
- To record audio after you connected the turntable to your computer, follow steps 1 through 4 to specify [USB AUDIO CODEC] as the default recording device.
- To send stereo signals from the turntable to your computer, steps 5 through 7 are mandatory.
- To output sounds from the built-in speakers of your computer during recording, make the appropriate sound output setting as described in step 8 above.

For Windows 10
([Control Panel] is in the [Category] view)

1 Right-click the [Start] menu and select [Control Panel].

2 Select [Hardware and Sound].

3 Select [Manage audio devices] in [Sound].

4 Select the [Recording] tab and make sure that [USB AUDIO CODEC] is set as the default device.

5 Select [USB AUDIO CODEC], and then select [Properties].

6 Select the [Advanced] tab.

7 Select [2 channel, ...] (for example, [2 channel, 16 bit, 44100 Hz (CD Quality)] or [2 channel, 16 bit, 48000 Hz (DVD Quality)]) from the [Default Format] drop-down list.

8 Select [OK].

Note
To send stereo signals from the turntable to your computer, steps 5 through 8 are mandatory.

Setting the playback device

When first connecting the turntable and computer using the USB cable, [Speaker USB Audio CODEC] is automatically added to [Playback device], and set to [Default device]. In this state, audio is not output through your computer speakers. Set the computer according to the operating system you use as follows:

Select the computer's speakers and [Set Default] to set them as the default device.
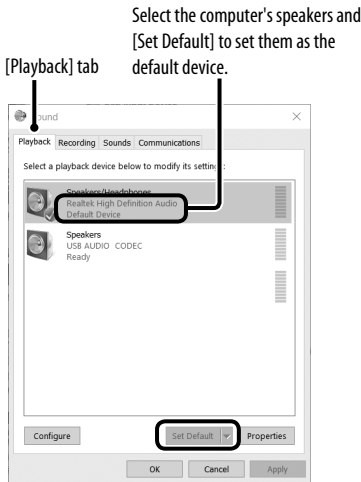
[Playback] tab

For Windows XP

Perform the following steps to change your computer's playback device settings:

1 Select [Control Panel] from the [Start] menu.

2 Select [Sounds and Audio Devices].

3 Click the [Audio] tab.

4 In the [Sound playback] box, select your computer's sound card from the [Default device] drop-down list.
   The default playback devices vary depending on your computer. For details, refer to your computer's operating instructions and help file.

5 Click [Apply], and then click [OK] to close the [Sounds and Audio Devices Properties] screen.

For Windows Vista
([Control Panel] is in the [Category] view)

1 Select [Control Panel] from the [Start] menu.

2 Select [Hardware and Sound].

3 Select [Manage audio devices].

4 Select the [Playback] tab.

5 On the [Playback] tab, select your computer's speakers and click [Set Default].
   The default playback devices vary depending on your computer. For details, refer to your computer's operating instructions and help file.

6 Click [OK] to close the [Sound] screen.

For Windows 7
([Control Panel] is in the [Category] view)

1 Select [Control Panel] from the [Start] menu.

2 Select [Hardware and Sound].

3 Select [Manage audio devices].

4 Select the [Playback] tab.

5 On the [Playback] tab, select your computer's speakers and click the [Set Default].
The default playback devices vary depending on your computer. For details, refer to your computer's operating instructions and help file.

6 Click [OK] to close the [Sound] screen.

For Windows 8/8.1
(Charms bar as the typical operation method)

1 Display the Charms bar on the desktop and click the [Settings] charm.

2 Click [Control Panel], and then click [Hardware and Sound].

3 Click [Manage audio devices] in [Sound].

4 On the [Playback] tab, select your computer's speakers and click [Set Default].
The default playback devices vary depending on your computer. For details, refer to your computer's operating instructions and help file.

5 Click [OK].

For Windows 10
([Control Panel] is in the [Category] view)

1 Right-click the [Start] menu and select [Control Panel].

2 Select [Hardware and Sound].

3 Select [Manage audio devices] in [Sound].

4 Select the [Playback] tab.

5 Select your computer's speakers and select [Set Default].
The default playback devices vary depending on your computer. For details, refer to your computer's operating instructions and help file.

6 Select [OK] to close the [Sound] window.

Setting the default playback device in Sound Forge Audio Studio LE

1 Start the Sound Forge Audio Studio LE software.

2 Select [Preferences] from the [Options] menu.

3 Select the [Audio] tab.

4 Select [Microsoft Sound Mapper] from the [Audio device type] drop-down list.

5 Click [Apply], and then click [OK] to close the [Preferences] screen.

If you still cannot hear audio
Check the connection. Exit Sound Forge Audio Studio LE once and then restart the software.

Recording audio tracks from the turntable on a computer

For details about using the software, refer to the "Sound Forge Audio Studio LE" quick start guide (on the supplied CD-ROM) or on-line help of the software.

Reference guides for the supplied software
Refer to the following instructions:
- The "Sound Forge Audio Studio LE" tutorial: This tutorial provides easy instructions on how to operate the software. After installing the software, the tutorial appears when you launch the software for the first time.
- The "Sound Forge Audio Studio LE" quick start guide (on the supplied CD-ROM): This provides instructions on the basic operation of the software.

Precautions

On safety

- Before operating the unit, check that the operating voltage of your unit is identical with that of your local power supply.
- Should any solid object or liquid fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull it out by the plug. Never pull the cord itself.

On placement

- Place the unit on a level surface.
- Avoid placing the unit near electrical appliances (such as a television, hair dryer, or fluorescent lamp) which may cause hum or noise.
- Place the unit where it will not be subject to any vibration, such as from speakers, slamming of doors, etc.
- Keep the unit away from direct sunlight, extremes of temperature, and excessive dust and moisture.

On repacking

Keep the carton and packing materials. They provide an ideal container to transport the unit.

If you have any question or problem concerning your unit that is not covered in this manual, please consult your nearest Sony dealer.

Note on recording

The recorded music is limited to private use only. Use of the music beyond this limit requires permission of the copyright holders.

Maintenance

Stylus and record care

In order to prevent premature stylus and record wear, the stylus and record should be cleaned before playback.
To clean the stylus, brush it from back to front using a good quality stylus cleaning brush. Do not clean the stylus with your finger tip. When using a fluid stylus cleaner, make sure not to moisten the stylus too much.
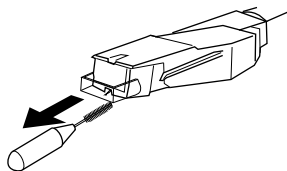
To clean your records, wipe thoroughly using a good quality record cleaner.

Cleaning the cabinet and dust cover

Clean the cabinet and dust cover periodically using a soft dry cloth. If stains are difficult to remove, use a cloth moistened with a mild detergent solution. Do not use solvents such as alcohol, benzine or thinner, since they will damage the finish.

Replacing the stylus

The life expectancy of the stylus tip is about 500 hours. To preserve good sound quality and avoid damage to your records, we recommend replacing the stylus within this time limit.
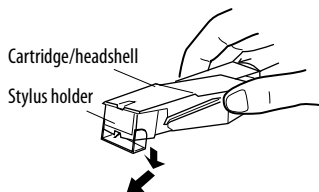For a replacement stylus, consult your nearest Sony dealer.

To remove the stylus

1 Turn off and unplug the AC power cords of the turntable and amplifier.

2 Protect the stylus with the stylus cover.
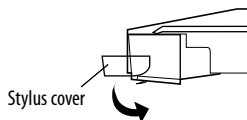
Stylus cover

3 Grasp the stylus holder and pull it downward away from the body of the cartridge/headshell as shown.
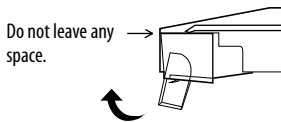
Cartridge/headshell
Stylus holder

To install the stylus

Do this procedure with the stylus protected by the stylus cover.

1 Grasp both sides of the stylus holder, then insert the stylus grip into the cartridge/headshell receptacle.

Stylus holder

Stylus cover   Stylus grip
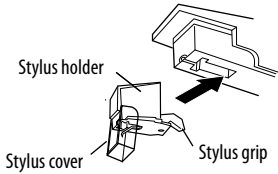
2 Push up the stylus holder until it clicks so that it locks completely.

Do not leave any space. →

Note

Do not push the stylus cover forcefully. Otherwise, the exposed stylus from the cover may cause injury, or damage the stylus.

Troubleshooting

Before going through the check list below, first make sure that:

• The power cord is securely connected.

• The speaker cords are securely connected. Should any problem persist after you have made these checks, consult your nearest Sony dealer.

Playing a vinyl record

The tone arm skips, skates or does not advance.

• The turntable is not level. Place the turntable on a level surface.

• The record is dirty or scratched.
  Clean the record with a commercially available record cleaning kit, or replace the record.

Poor sound quality, excessive noise, intermittent sound, etc…

• The stylus is dirty or worn. Remove dust on the stylus using a stylus cleaning brush, or replace the worn stylus (see page 18).

• Dust or dirt has collected on the vinyl record. Clean the record using a good quality record cleaner.

Rumble or low-frequency howl*.

- The turntable is placed too close to speakers. Move speakers away from the turntable.

* This phenomenon, called "acoustic feedback", occurs when vibrations from the speakers are transmitted through the air or via solid objects (such as shelves, a cabinet, or the floor) to the turntable where they are picked up by the stylus, amplified and reproduced through the speakers.

There is noise.

- When the PHONO cable is not connected to the PHONO input jacks of your stereo system (amplifier), the turntable is connected to your computer using the USB cable.
  – Set the PHONO/LINE switch on the rear of the turntable to LINE.
    * When set to LINE, do not connect the PHONO cable to the PHONO input jacks of your stereo system (amplifier).
  – Make sure that the end of the PHONO cable is not touching metal.
- The turntable is connected to your computer using the USB cable. If you directly connect your stereo system (amplifier) or other devices while the USB cable is connected, noise may occur.

Tempo is incorrect.

- Incorrect r/min. Set the r/min setting to match the one indicated on the vinyl record. (Select "33" for 33 $1/_3$ r/min records or "45" for 45 r/min records.)
- The drive belt is twisted. Straighten the belt.

The drive belt is deteriorated.

- Replace the drive belt. For details, consult your nearest Sony dealer.

Platter does not rotate.

- Make sure the power cord is inserted all the way into an AC wall outlet.
- Make sure that the drive belt is looped around the motor pulley completely.

The drive belt is broken.

- Replace the drive belt. For details, consult your nearest Sony dealer.

Sound is too low or distorted.

- The turntable is not connected to the PHONO IN inputs on the amplifier (see page 8).

USB connection/recording

The turntable is not detected on your computer.

- Disconnect the supplied USB cable, and connect it again.
- With the turntable and the computer connected, restart the computer.
- Disconnect the supplied USB cable, and restart the computer. After restarting, connect the computer and the turntable with the supplied USB cable.
- The device setting of your computer may not be set correctly.
  – When first connecting the turntable and the computer using the USB cable or connecting to a different USB port, the USB device drivers may be automatically installed once again. To confirm if the driver is correctly installed, check as follows:
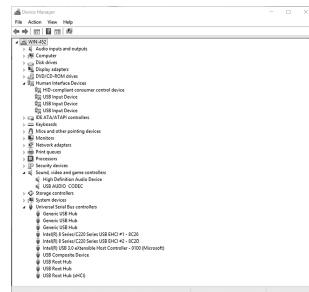
- For Windows XP
  ([Control Panel] is in [Category View])

1 Select [Control Panel] from the [Start] menu.

2 Click [Performance and Maintenance].

3 Click [System].

4 Click the [Hardware] tab, and then click [Device manager].

5 On the [Device manager] window, make sure that the following devices are installed.
  – [USB Human Interface Devices] and [HID-compliant consumer control device] under [Human Interface Devices]
  – [USB Audio Device] under [Sound, video and game controllers]
  – [USB Composite Device] under [Universal Serial Bus controllers]

• For Windows Vista
([Control Panel] is in the [Control Panel Home] view)

1 Select [Control Panel] from the [Start] menu.

2 Select [System and Maintenance].

3 Select [Device Manager].

4 On the [Device manager] window, make sure that the following devices are installed.
– [USB Human Interface Devices] and [HID-compliant consumer control device] under [Human Interface Devices]
– [USB Audio CODEC] under [Sound, video and game controllers]
– [USB Composite Device] under [Universal Serial Bus controllers]

• For Windows 7
([Control Panel] is in the [Category] view)

1 Select [Control Panel] from the [Start] menu.

2 Click [Hardware and sound].

3 Click [Device Manager] in [Devices and Printers].

4 On the [Device Manager] window, make sure that the following devices are installed.
– [HID-compliant consumer control device] and [USB Input Device] under [Human Interface Devices]
– [USB Audio CODEC] under [Sound, video and game controllers]
– [USB Composite Device] under [Universal Serial Bus controllers]

• For Windows 8/8.1
(Charms bar as the typical operation method)

1 Display the Charms bar on the desktop and click the [Settings] charm.

2 Click [Control Panel], and then click [Hardware and Sound].

3 Click [Device Manager] in [Devices and Printers].

4 On the [Device manager] window, make sure that the following devices are installed.
– [HID-compliant consumer control device] and [USB Input Device] under [Human Interface Devices]
– [USB AUDIO CODEC] under [Sound, video and game controllers]
– [USB Composite Device] under [Universal Serial Bus controllers]

• For Windows 10
([Control Panel] is in the [Category] view)

1 Right-click the [Start] menu and select [Control Panel].

2 Select [Hardware and Sound].

3 Select [Device Manager] in [Devices and Printers].

4 On the [Device Manager] window, make sure that the following devices are installed.
– [HID-compliant consumer control device] and [USB Input Device] under [Human Interface Devices]
– [USB AUDIO CODEC] under [Sound, video and game controllers]
– [USB Composite Device] under [Universal Serial Bus controllers]

Notes
• When connecting to different USB ports, you may have to install USB drivers.
• When connecting to different USB ports, the computer automatically installs the driver again. In such case, check that the driver is correctly installed as in this procedure.

The recorded sound is disrupted.
• The CPU of your computer is overloaded. Exit other applications.
• Other USB devices are connected to your computer and being operated simultaneously. Quit operating other USB devices.

You cannot record sound to your computer from the turntable, or the sound is distorted.
• The audio recording device of your computer is not set correctly. See pages 13 – 14 to check the device settings.
• The signal input level exceeds the recommended setting range; adjust it (see page 14).

Additional Information

There is noise in recorded sound.

- There are electrical wires, fluorescent lights or mobile phones near the turntable. Move away from any possible sources of electromagnetic interference.

The supplied software does not launch.

- Thirty days have passed since the software was installed, and user registration has not been completed. Select [Update User Information] from [Help] on the software and complete the user registration.

You are being asked to enter the serial number in the startup screen of the supplied software.

- Installation has failed. Uninstall the software, and then reinstall it with the supplied CD-ROM. If you are running resident software such as antivirus software, shut it down while installing the supplied software.

Notes

- For details on the operation of your computer, refer to your computer's operating instructions.
- There can be some breakdowns that cannot be solved even with Troubleshooting. In such cases, contact your nearest Sony dealer.

Specifications

Motor and Platter

Drive system:
    Belt-drive
Motor:
    DC motor
Platter:
    295 mm dia. (aluminum die-cast)
Speeds:
    33 $^1/_3$ and 45 r/min, 2 speed
Wow and flutter:
    Less than 0.25% (WRMS)
Signal to noise ratio:
    More than 50 dB (DIN-B)

Tone Arm

Type:
    Dynamic balanced straight-shaped with soft damping control
Effective arm length:
    195 mm

USB jack

Power supply:
    USB bus power compliant (5 V, 100 mA) (The power is supplied by the PC which is connected with an attached USB cable)
Output jack:
    Plug-in-power system (Dedicated USB jack)
    USB series B connector
    USB (full-speed)

General

Power requirements:
    North American model:
    120 V AC, 60 Hz
    Other models:
    230 – 240 V AC, 50/60 Hz
Power consumption:
    2 W
Dimensions:
    Approx. 420 × 95 × 360 mm (16 $^1/_2$ × 3 $^5/_8$ × 14 $^1/_4$ in) (w/h/d)
Mass:
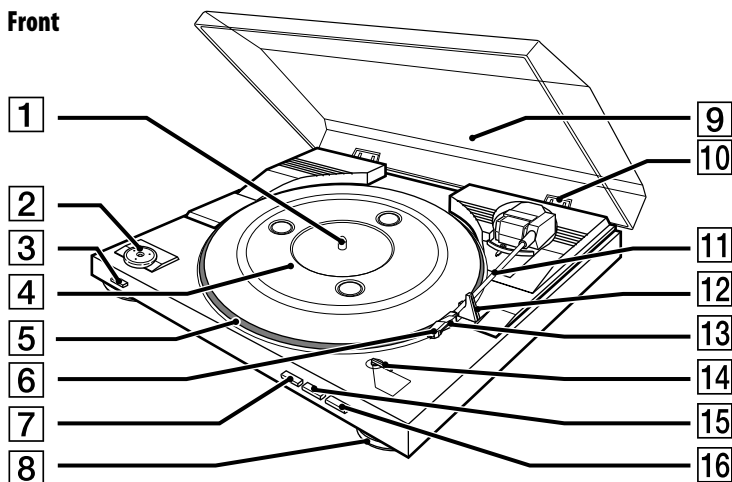   3.3 kg (7 lb 5 oz)

Design and specifications are subject to change without notice.

Parts and Controls

1 Spindle

2 45 r/min adaptor

3 Speed select button

4 Rubber mat

5 Platter

6 Cartridge and headshell

7 START button

8 Insulator

9 Dust cover

10 Hinge

11 Tone arm

12 Arm stand

13 Finger lift

14 SIZE SELECTOR

15 STOP button

16 UP/DOWN button

17 PHONO/LINE switch

18 USB jack

Additional Information

Front

Rear