

Pioneer

**DJ SYSTEM
SYSTÈME DJ
XDJ-R1**

English

Français

<http://pioneerdj.com/support/>

The Pioneer DJ support site shown above offers FAQs, information on software and various other types of information and services to allow you to use your product in greater comfort.

Le site de support DJ de Pioneer indiqué ci-dessus propose une FAQ, des informations sur le logiciel et divers types d'informations et de services qui permettent une utilisation plus confortable de ce produit.

Thank you for buying this Pioneer product. This manual includes material to be read before using the product and descriptions of basic connections, settings and operations for simple use of the product. For more detailed explanations of usage procedures, see the "Operating Instructions" on the included CD-ROM.

Merci pour l'achat de ce produit Pioneer. Ce manuel comprend le matériel à lire avant d'utiliser le produit et les descriptions des raccordements, réglages et opérations de base pour un usage élémentaire de ce produit. Pour plus de détails sur l'emploi, reportez-vous au "Mode d'emploi" sur le CD-ROM fourni.

Read Before Use (Important)/Quick Start Guide
A lire avant l'utilisation (Important)/Guide de démarrage rapide



Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However the method of connecting and operating the unit is the same.

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.



D3-7-13-69_En

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

D8-10-1-2_A1_En

FEDERAL COMMUNICATIONS COMMISSION DECLARATION OF CONFORMITY

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.

Product Name: DJ SYSTEM
Model Number: XDJ-R1
Responsible Party Name: PIONEER ELECTRONICS (USA) INC.
SERVICE SUPPORT DIVISION
Address: 1925 E. DOMINGUEZ ST. LONG BEACH, CA 90810-1003, U.S.A.
Phone: 1-800-421-1404
URL: <http://www.pioneerelectronics.com>

D8-10-4*_C1_En

CAUTION

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

D3-4-2-1-1_B1_En

WARNING

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.

D3-4-2-1-3_A1_En

WARNING

This product equipped with a three-wire grounding (earthed) plug - a plug that has a third (grounding) pin. This plug only fits a grounding-type power outlet. If you are unable to insert the plug into an outlet, contact a licensed electrician to replace the outlet with a properly grounded one. Do not defeat the safety purpose of the grounding plug.

D3-4-2-1-6_A1_En

WARNING

To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment.

D3-4-2-1-7a_A1_En

WARNING

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed.

D3-4-2-1-7b*_A1_En

Operating Environment

Operating environment temperature and humidity: +5 °C to +35 °C (+41 °F to +95 °F); less than 85 %RH (cooling vents not blocked)

Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light)

D3-4-2-1-7c*_A1_En

When using this product, confirm the safety information shown on the bottom of the unit.

D3-4-2-2-4_B1_En

CAUTION

The **STANDBY/ON** switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation).

D3-4-2-2-2a*_A1_En

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

D8-10-1-3_A1_En

Information to User

Alterations or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

D8-10-2_A1_En

IMPORTANT NOTICE

THE MODEL NUMBER AND SERIAL NUMBER OF THIS EQUIPMENT ARE ON THE REAR OR BOTTOM. RECORD THESE NUMBERS ON PAGE 47 FOR FUTURE REFERENCE.

D36-AP9-1_A1_En_PSV

WARNING: Handling the cord on this product or cords associated with accessories sold with the product may expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defect or other reproductive harm.

Wash hands after handling.

D36-P5_B1_En

CAUTION

This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007.

CLASS 1 LASER PRODUCT

D58-5-2-2a_A1_En

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

K041_A1_En

The Safety of Your Ears is in Your Hands

Get the most out of your equipment by playing it at a safe level – a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time, your hearing “comfort level” adapts to higher volumes of sound, so what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

ESTABLISH A SAFE LEVEL:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Once you have established a comfortable sound level, set the dial and leave it there.

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

- Do not turn up the volume so high that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle; the use of headphones may create a traffic hazard and is illegal in many areas.

S001a_A1_En

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

S002*_A1_En

1. This device complies with Part 15 of the FCC rules/Industry Canada RSS 210 standard. 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.
2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.
3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (Microwave ovens and Cordless phones, etc.). In this event noise appears in your television image, there is the possibility this unit (including products supported by this unit) is causing signal interference with the antenna input connector of your television, video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and this unit (including products supported by this unit).

- Pioneer is not responsible for any malfunction of the compatible Pioneer product due to communication error/malfunctions associated with your network connection and/or your connected equipment. Please contact your Internet service provider or network device manufacturer.
- A separate contract with/payment to an Internet service provider is required to use the Internet.

IMPORTANT NOTE:

- FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- IC Radiation Exposure Statement:
This device complies with the exemption from the routine evaluation limits in Section 2.5 of RSS 102.

Nous vous remercions d'avoir acquis un produit Pioneer. Veuillez lire attentivement ce mode d'emploi afin de connaître la manière d'utiliser l'appareil comme il convient. Cela fait, conservez le mode d'emploi de façon à pouvoir vous y référer en cas de nécessité. Dans certains pays ou certaines régions, la forme de la fiche et de la prise d'alimentation est un peu différente de ce qui est montré dans les illustrations. Toutefois, l'appareil se raccorde et fonctionne de la même façon.

ATTENTION

POUR ÉVITER TOUT RISQUE D'ÉLECTROCUTION, NE PAS ENLEVER LE COUVERCLE (NI LE PANNEAU ARRIÈRE). AUCUNE PIÈCE RÉPARABLE PAR L'UTILISATEUR NE SE TROUVE À L'INTÉRIEUR. CONFIER TOUT ENTRETIEN À UN PERSONNEL QUALIFIÉ UNIQUEMENT.

D3-4-2-1-1_B1_Fr

AVERTISSEMENT

Cet appareil n'est pas étanche. Pour éviter les risques d'incendie et de décharge électrique, ne placez près de lui un récipient rempli d'eau, tel qu'un vase ou un pot de fleurs, et ne l'exposez pas à des gouttes d'eau, des éclaboussures, de la pluie ou de l'humidité.

D3-4-2-1-3_A1_Fr

AVERTISSEMENT

Cet appareil est muni d'une fiche de mise à la terre (masse) à trois fils. Comme la fiche présente une troisième broche (de terre), elle ne peut se brancher que sur une prise de courant, prévue pour une mise à la terre. Si vous n'arrivez pas à insérer la fiche dans la prise de courant, contactez un électricien qualifié pour faire remplacer la prise par une qui soit mise à la terre. N'annulez pas la fonction de sécurité que procure cette fiche de mise à la terre.

D3-4-2-1-6_A1_Fr

AVERTISSEMENT

Pour éviter les risques d'incendie, ne placez aucune flamme nue (telle qu'une bougie allumée) sur l'appareil.

D3-4-2-1-7a_A1_Fr

AVERTISSEMENT

Les fentes et ouvertures du coffret sont prévues pour la ventilation, pour assurer un fonctionnement stable de l'appareil et pour éviter sa surchauffe. Pour éviter les risques d'incendie, ne bouchiez jamais les ouvertures et ne les recouvrez pas d'objets, tels que journaux, nappes ou rideaux, et n'utilisez pas l'appareil posé sur un tapis épais ou un lit.

D3-4-2-1-7b*_A1_Fr

Milieu de fonctionnement

Température et humidité du milieu de fonctionnement : De +5 °C à +35 °C (de +41 °F à +95 °F) ; Humidité relative inférieure à 85 % (orifices de ventilation non obstrués)

N'installez pas l'appareil dans un endroit mal ventilé ou un lieu soumis à une forte humidité ou en plein soleil (ou à une forte lumière artificielle).

D3-4-2-1-7c*_A1_Fr

Lorsque vous utilisez ce produit, vérifiez les informations concernant la sécurité sous l'appareil.

D3-4-2-2-4_B1_Fr

REMARQUE IMPORTANTE

LE NUMÉRO DE MODÈLE ET LE NUMÉRO DE SÉRIE SE TROUVENT À L'ARRIÈRE OU SUR LE FOND DE CET APPAREIL. NOTEZ CES NUMÉROS À LA PAGE 48 POUR VOUS Y RÉFÉRER ULTÉRIEUREMENT.

D36-AP9-1_A1_Fr_PSV

ATTENTION

L'interrupteur **STANDBY/ON** de cet appareil ne coupe pas complètement celui-ci de sa prise secteur. Comme le cordon d'alimentation fait office de dispositif de déconnexion du secteur, il devra être débranché au niveau de la prise secteur pour que l'appareil soit complètement hors tension. Par conséquent, veillez à installer l'appareil de telle manière que son cordon d'alimentation puisse être facilement débranché de la prise secteur en cas d'accident. Pour éviter tout risque d'incendie, le cordon d'alimentation sera débranché au niveau de la prise secteur si vous prévoyez une période prolongée de non utilisation (par exemple avant un départ en vacances).

D3-4-2-2-2a*_A1_Fr

Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada.

D8-10-1-3_A1_Fr

La protection de votre ouïe est entre vos mains

Pour assurer le rendement optimal de votre matériel et – plus important encore – la protection de votre ouïe, réglez le volume à un niveau raisonnable. Pour ne pas altérer votre sens de la perception, le son doit être clair mais ne produire aucun vacarme et être exempt de toute distorsion. Votre ouïe peut vous jouer des tours. Avec le temps, votre système auditif peut en effet s'adapter à des volumes supérieurs, et ce qui vous semble un « niveau de confort normal » pourrait au contraire être excessif et contribuer à endommager votre ouïe de façon permanente. Le réglage de votre matériel à un volume sécuritaire AVANT que votre ouïe s'adapte vous permettra de mieux vous protéger.

CHOISISSEZ UN VOLUME SÉCURITAIRE:

- Réglez d'abord le volume à un niveau inférieur.
- Montez progressivement le volume jusqu'à un niveau d'écoute confortable ; le son doit être clair et exempt de distorsions.
- Une fois que le son est à un niveau confortable, ne touchez plus au bouton du volume.

N'OUBLIEZ PAS DE RESPECTER LES DIRECTIVES SUIVANTES:

- Lorsque vous montez le volume, assurez-vous de pouvoir quand même entendre ce qui se passe autour de vous.
- Faites très attention ou cessez temporairement l'utilisation dans les situations pouvant s'avérer dangereuses.
- N'utilisez pas des écouteurs ou un casque d'écoute lorsque vous opérez un véhicule motorisé ; une telle utilisation peut créer des dangers sur la route et est illégale à de nombreux endroits.

S001a_A1_Fr

ATTENTION

Cet appareil est un produit laser de Classe 1, classé selon l'article IEC 60825-1:2007 relatif à la Sécurité des produits laser.

APPAREIL À LASER DE CLASSE 1

D58-5-2-2a_A2_Fr

Ce produit est destiné à une utilisation domestique générale. Toute panne due à une utilisation autre qu'à des fins privées (comme une utilisation à des fins commerciales dans un restaurant, dans un autocar ou sur un bateau) et qui nécessite une réparation sera aux frais du client, même pendant la période de garantie.

K041_A1_Fr

NOTE IMPORTANTE SUR LE CÂBLE D'ALIMENTATION

Tenir le câble d'alimentation par la fiche. Ne pas débrancher la prise en tirant sur le câble et ne pas toucher le câble avec les mains mouillées. Cela risque de provoquer un court-circuit ou un choc électrique. Ne pas poser l'appareil ou un meuble sur le câble. Ne pas pincer le câble. Ne pas faire de noeud avec le câble ou l'attacher à d'autres câbles. Les câbles d'alimentation doivent être posés de façon à ne pas être écrasés. Un câble abîmé peut provoquer un risque d'incendie ou un choc électrique. Vérifier le câble d'alimentation de temps en temps. Contacter le service après-vente PIONEER le plus proche ou le revendeur pour un remplacement.

S002*_A1_Fr

Condensation

Des gouttelettes d'eau (condensation) peuvent se former à l'intérieur de l'appareil (sur les pièces et les lentilles) en hiver, par exemple, si vous transportez sans transition l'appareil d'un endroit froid dans un pièce chaude, ou si la température de la pièce où se trouve l'appareil augmente rapidement (un appareil de chauffage, par exemple, est mis en marche). Cet appareil ne fonctionne pas correctement et la lecture n'est pas possible si de la condensation s'est formée dans l'appareil. Laissez l'appareil éteint pendant 1 ou 2 heures à la température ambiante (selon l'intensité de la condensation). Les gouttelettes d'eau s'évaporeront et la lecture sera de nouveau possible. De la condensation peut aussi se former en été si l'appareil est exposé à l'air d'un climatiseur, etc. Dans ce cas, installez l'appareil à un autre endroit.

S005_A1_Fr

Le présent appareil est conforme aux CNR d'IndustrieCanada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Précaution concernant les ondes radio

Cet appareil utilise comme onde radio une fréquence de 2,4 GHz, c'est-à-dire une bande utilisée par d'autres systèmes sans fil (Fours à micro-ondes, téléphones sans fil, etc.).

Si des parasites apparaissent sur les images télévisées, il est possible que cet appareil (y compris ceux qu'il prend en charge) provoquent des interférences sur le connecteur d'entrée de votre téléviseur, les images vidéo, le tuner satellite, etc. Dans ce cas, augmentez la distance entre la prise d'entrée d'antenne et cet appareil (y compris les produits pris en charge par cet appareil).

- Pioneer n'est pas responsable d'un mauvais fonctionnement du produit Pioneer compatible due à une erreur/défaillance de la connexion réseau et/ou de l'appareil raccordé. Veuillez contacter votre fournisseur de service Internet ou le fabricant du périphérique du réseau.
- Un abonnement payant auprès d'un fournisseur d'accès Internet est nécessaire pour utiliser Internet.

REMARQUE IMPORTANTE :

- Déclaration d'IC sur l'exposition aux radiations :
Ce dispositif est en conformité avec l'exemption des limites d'évaluation courantes de la section 2.5 de la RSS 102.

Contents

How to read this manual

- In this manual, names of channels and buttons indicated on the product, names of menus in the software, etc., are indicated within square brackets ([]). (e.g. [MASTER] channel, [ON/OFF], [File] menu)

01 Before start

Features	8
What's in the box	8

02 Before you start

Mounting the smartphone stand	9
Supported sources	9
Usable media	9
Playable music file formats	10
Functions usable in combination with a computer.....	11

03 Connections

Connecting the input/output terminals.....	14
Connecting by wireless LAN	15

04 Part names and functions

Power & wireless section	18
USB device section.....	18
Player section	18
Browse section	21
Mixer section.....	23
Effect section.....	24

05 Operation

Turning the power on	26
To set to the standby mode	26
Loading and ejecting discs	26
Connecting and disconnecting USB devices	27
Playback	27
Using remotebox	27
Outputting sound	27
Mixing using the faders.....	28
Using the QUANTIZE function	28
Using the SYNC function	28
About the playback history (PLAYLIST).....	28

06 Changing the settings

About the auto standby function.....	29
Setting preferences	29
List of WLAN INFORMATION items.....	29
List of WLAN SETTING items	29

07 Using the DJ software

About the driver software (Windows)	30
Using the DJ software	31
Using VIRTUAL DJ LE.....	31
List of MIDI Messages	35

08 Additional information

Troubleshooting	42
Error messages	44
Block Diagram	44
List of icons displayed on the main unit display section.....	44
Cautions on use	44
Handling discs	45
About trademarks and registered trademarks	45
Specifications.....	45

Before start

Features

This unit is an integrated DJ player/DJ mixer carrying over the high operability of the Pioneer DJ products used in clubs throughout the world. With it, full-fledged DJ performances can be held easily using tracks on USB devices, CDs and computers.

MULTI MEDIA, MULTI FORMAT

In addition to music CDs, music files stored on flash memory or other USB devices (MP3, AAC, WAV and AIFF) and music files stored on CD-R/RW discs (MP3, WAV and AIFF) can also be played. The unit can also be used as a DJ software controller and audio interface.

remotebox

This unit is equipped with a wireless LAN function. remotebox, a mobile device application available for download free of charge, can be used to control this unit remotely from a mobile device. Highly varied DJ performances can be achieved through operations on remotebox.

rekordbox

The included rekordbox (Mac/Windows) music management software can be used for the management (analysis, settings, creation, history storage) of music files on computers. Using music files managed with rekordbox in combination with this unit makes it possible to achieve outstanding DJ performances.

- In this manual, the Mac/Windows edition of rekordbox is referred to as "rekordbox".

USB EXPORT

rekordbox music files and management data can be exchanged using a USB device.

SOUND CARD

This unit is equipped with a MIDI interface allowing other brands of DJ software to be controlled. It also has a built-in sound card, allowing simple connections to other devices.

BEAT SYNC

This function can be used to automatically synchronize the tempo (BPM) and beat positions on the left and right decks based on the tracks' GRID information as analyzed with rekordbox. Genuine beat mixing is possible easily, without moving the [TEMPO] sliders.

QUANTIZE

This unit is equipped with a QUANTIZE function letting you set points on beat for tracks analyzed with rekordbox, even if buttons are pressed roughly. When setting auto loop beats and beat effects, the points are automatically set to the beat nearest the position at which the button was pressed.

With this unit, accurate, on-beat performances are possible without breaking the rhythm of the currently playing sound not only when auto beat loops and beat effects are set but also when using hot cues and other functions during playback.

AUTO BEAT LOOP

Loops can be set automatically without breaking the beat by pressing the [AUTO BEAT LOOP] control. The loop's number of beats can be changed by turning the [AUTO BEAT LOOP] control clockwise or counterclockwise.

BEAT FX

Beat effects are provided for each of the decks. Beat effects can be applied individually to the tracks currently playing on the respective deck.

SOUND COLOR FX

This unit is equipped with four effect buttons allowing the sound to be changed in various ways. The mood of the sound can be modified easily, simply by pressing a button and turning the control.

HOT CUE

This unit is equipped with a hot cue function for starting playback instantaneously from cue points that have been set in advance simply by pressing a button. Three hot cues can be set per deck.

SAMPLER

Sampled sound sources registered on this unit can be played simply by pressing a button. Sampled sound sources can be registered from tracks on USB devices and CDs.

3-BAND ISOLATOR

This unit is equipped with a 3-band equalizer allowing the volume of the high, medium and low frequency ranges to be adjusted separately. Not only can the tone be adjusted to your tastes, the sound for a certain range can be turned completely off by turning the control all the way counterclockwise (isolator function).

VIRTUAL DJ LE

A license key for "VIRTUAL DJ Limited Edition", a DJ software program with a complete set of basic functions for DJ performances, is included. This software can be downloaded from the Atomix productions website. Not only is this unit equipped with a wide variety of functions, including looping, effects, sampling, 4-channel mixing and video, it can also display Pioneer original design skins matching its operation panel.

What's in the box

- CD-ROM (The disc includes rekordbox, the driver software, the XDJ-R1's operating instructions and the operating instructions for remotebox. The rekordbox license key is attached.)
- Power cord
- Read Before Use (Important)/Quick Start Guide
- About SSIDs and passwords
- Smartphone stand
- Smartphone stand mount screws x 2
- USB cable

Before you start

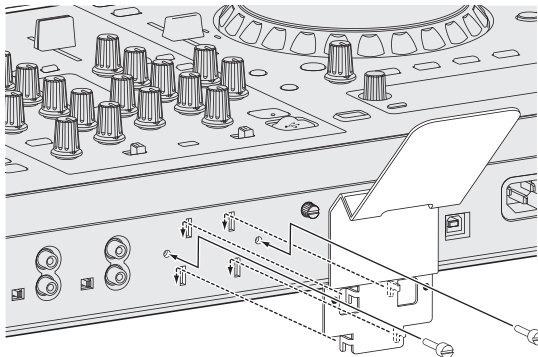
Mounting the smartphone stand

1 Insert the hooks in the smartphone stand into the holes in the main unit's rear panel and slide the stand downward until it stops.

- Do not mount any stand other than the included one.

2 Fasten the stand using the included screws.

- Do not use any screws other than the included ones.



Cautions on using the smartphone stand

- This stand is exclusively for smartphones. Do not set tablets or other larger devices on it.
- Do not apply excessive force to the stand. Doing so may damage this unit.
- Please note that Pioneer will accept no responsibility whatsoever for damage to or malfunction of the device, injury, etc., due to the device falling, etc.

Supported sources

This unit supports the sources listed below.

- Discs (page 9)
- USB devices (page 10)

About the included CD-ROM

This unit can be used in combination with a computer when the software is installed onto the computer from the included CD-ROM.


The included CD-ROM contains the following two software programs.




- rekordbox music management software
- Driver software

Usable media

About discs

This unit can play the discs shown below.

Type	Mark ^①	Compatible formats	Supported file systems
CD		<ul style="list-style-type: none"> Music CD (CD-DA) 	—

Type	Mark ^①	Compatible formats	Supported file systems
CD-R		<ul style="list-style-type: none"> Music CD (CD-DA) CD-ROM 	ISO9660 level 1, ISO9660 level 2, Romeo and Joliet
CD-RW			
CD-TEXT ^②		<ul style="list-style-type: none"> Music CD (CD-DA) 	—

^① Discs on which the marks on this table are indicated on the disc label, package or jacket can be played.

^② Titles, album names and artist names recorded in the CD-Text data are displayed. When multiple text data are recorded on the disc, the information for the first text data is displayed.

❖ Discs that cannot be played

- DTS-CD
- Photo CDs
- Video CDs
- CD Graphics (CD-G) discs
- Unfinalized CDs
- DVD

❖ About CD-R/-RW discs

Music files (MP3/WAV/AIFF) recorded on CD-R/-RW discs can be played.

Folder layers	Max. 8 layers (files in folders beyond the 8th layer cannot be played)
Max. number of folders	999 folders
Max. number of files	999 files

When there are many folders or files, some time may be required for loading.

❖ Playback of discs created on a computer

Depending on the application's settings and the computer's environment settings, it may not be possible to play discs created on a computer. Record discs in a format playable on this unit. For details, contact your application's selling agent.

If the recording quality is poor due to the disc's properties, scratches or dirt on the disc or dirt on the recording lens, it may not be possible to play the disc.

See *Handling discs* on page 45 for instructions on handling discs.

❖ Creating backup discs

When CD-R/-RW discs are paused or left in the pause mode at cue points for long periods of time, it may become difficult to play the disc at that point, due to the properties of the disc. Also, when a specific point is looped repeatedly an extremely large number of times, it may become difficult to play that point.

When playing valuable discs, we recommend making backup discs.

❖ Regarding copy protected CDs

This unit is designed to CD standards. Operation and performance of discs with standards other than CD standards is not guaranteed.

❖ About playing DualDiscs

A DualDisc is a new two-sided disc, one side of which contains DVD content — video, audio, etc. — while the other side contains non-DVD content such as digital audio material. The non-DVD, audio side of the disc is not compatible with this player. For more detailed information on the DualDisc specification, please refer to the disc manufacturer or disc retailer.

❖ About 8 cm discs

8 cm discs cannot be played. Do not mount 8 cm adapters on discs and play the discs on this unit. The adapter could come off while the disc is rotating, damaging both the disc and this unit.

❖ CD-TEXT

This unit is compatible with CD-TEXT. Titles, album names and artist names recorded in CD-TEXT are displayed. When multiple text data is recorded, the first text data is displayed. The supported character codes are listed below.

- ASCII
- ISO-8859-1

About USB devices

This unit supports USB mass storage class USB devices (external hard disks, portable flash memory devices, digital audio players, etc.).

Folder layers	Max. 8 layers (files in folders beyond the 8th layer cannot be played)
Max. number of folders	999 folders
Max. number of files	10 000 files (999 files for files not managed by rekordbox)
Supported file systems	FAT16 and FAT32 (HFS+ and NTFS are not supported.)

Playable music file formats

This unit supports music files in the formats shown below.

- AAC files on CD-ROMs cannot be played.
- Only up to 99 minutes of AAC files can be played.

Type	File extension	Compatible formats	Bit depth	Bit rate	Sampling frequency	Encoding method
MP3	.mp3	MPEG-1 AUDIO LAYER-3	16 bit	32 kbps to 320 kbps	32 kHz, 44.1 kHz, 48 kHz	CBR, VBR
		MPEG-2 AUDIO LAYER-3	16 bit	32 kbps to 160 kbps	16 kHz, 22.05 kHz, 24 kHz	CBR, VBR
AAC	.m4a, .aac and .mp4	MPEG-4 AAC LC	16 bit	16 kbps to 320 kbps	32 kHz, 44.1 kHz, 48 kHz	CBR, VBR
		MPEG-2 AAC LC	16 bit	16 kbps to 320 kbps	32 kHz, 44.1 kHz, 48 kHz	CBR, VBR
WAV	.wav	WAV	16 bit, 24 bit	—	44.1 kHz, 48 kHz	Uncompressed PCM
AIFF	.aif, .aiff	AIFF	16 bit, 24 bit	—	44.1 kHz, 48 kHz	Uncompressed PCM

About MP3 files

MP3 files include constant bit rate (CBR) and variable bit rate (VBR) files. Both types can be played on this unit, but the searching speed is slower for VBR files than for CBR files. To prioritize operability, we recommend recording files in CBR.

About AAC files

- AAC is the abbreviation of “Advanced Audio Coding”, a basic format of audio compression technology used for MPEG-2 and MPEG-4.
- The file format and extension of AAC data depends on the application used to create the data.

❖ USB devices that cannot be used

- Optical disc type devices such as external DVD/CD drives, etc., are not supported.
- USB hubs cannot be used.

❖ Cautions on using USB devices

- Some USB devices may not operate properly. Please note that Pioneer will accept no responsibility whatsoever for loss of data stored by the user on USB devices or other direct or indirect problems arising due to connection of USB devices to this unit.
- If a current larger than the allowable value is detected at this unit's USB device insertion slot, it may happen that the **[USB STOP]** indicator flashes, the supply of power to the USB device is stopped and communications are interrupted. To restore normal operation, disconnect the USB device from this unit. Avoid using USB devices for which excess currents have been detected. If normal operation is not restored using the method above (if communications cannot be established), turn this unit's power off then back on.
- If the USB device is split into multiple partitions, only the first partition can be used.
- USB devices equipped with flash card readers may not operate.
- Depending on the USB device you are using, the desired performance may not be achieved.

- On this unit, in addition to AAC files encoded with iTunes® and with the extension “.m4a”, files with the extensions “.aac” and “.mp4” files can also be played. However, AAC files that are copyright-protected, such as those purchased from the iTunes Store, cannot be played. Also, depending on the version of iTunes in which the file was encoded, it may not be possible to play the file.

About ID3 tags

The tag information types which can be registered from a music file are ID3 tags (v1, v1.1, v2.2.0, v2.3.0, and v2.4.0) or meta tags.

Functions usable in combination with a computer

About the included CD-ROM

This unit can be used in combination with a computer when the software is installed onto the computer from the included CD-ROM. The included CD-ROM contains the following two software programs.

❖ rekordbox music management software

rekordbox is a software program allowing users who have purchased a Pioneer DJ player supporting rekordbox to manage music files to be used for DJ performances.

- rekordbox may be used for classifying and searching for music files stored on your computer as well as creating playlists, all of which can help improve your DJ performance.
- rekordbox allows the detecting, measuring, and editing of beats, tempos (BPM), and other elements of your music files prior to a performance.
- Hot cue point information can be set and saved ahead of time.

Not only can various types of point information and playlists prepared with rekordbox be used for playback on Pioneer DJ players, the playback history and point information can also be fed back to rekordbox after performances.

❖ Driver software

This driver software is an exclusive ASIO driver for outputting audio signals from the computer. To use this unit connected to a computer on which Windows is installed, install the driver software on the computer beforehand.

There is no need to install the driver software when using Mac OS X. For details, see *Installing the driver software* on page 30.

Software end user license agreement

This Software End User License Agreement ("Agreement") is between you (both the individual installing the Program and any single legal entity for which the individual is acting) ("You" or "Your") and PIONEER CORPORATION ("Pioneer").

TAKING ANY STEP TO SET UP OR INSTALL THE PROGRAM MEANS THAT YOU ACCEPT ALL OF THE TERMS OF THIS LICENSE AGREEMENT. PERMISSION TO DOWNLOAD AND/OR USE THE PROGRAM IS EXPRESSLY CONDITIONED ON YOUR FOLLOWING THESE TERMS. WRITTEN OR ELECTRONIC APPROVAL IS NOT REQUIRED TO MAKE THIS AGREEMENT VALID AND ENFORCEABLE. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, YOU ARE NOT AUTHORIZED TO USE THE PROGRAM AND MUST STOP INSTALLING IT OR UNINSTALL IT, AS APPLICABLE.

1 DEFINITIONS

- 1** "Documentation" means written documentation, specifications and help content made generally available by Pioneer to aid in installing and using the Program.
- 2** "Program" means all or any part of Pioneer's software licensed to You by Pioneer under this Agreement.

2 PROGRAM LICENSE

- 1** Limited License. Subject to this Agreement's restrictions, Pioneer grants to You a limited, non-exclusive, non-transferable, license (without the right to sublicense):
 - a To install a single copy of the Program in Your computer or mobile device, to use the Program only for Your personal purpose complying with this Agreement and the Documentation ("Authorized Use");
 - b To use the Documentation in support of Your Authorized Use; and
 - c To make one copy of the Program solely for backup purposes, provided that all titles and trademark, copyright and restricted rights notices are reproduced on the copy.

- 2** Restrictions. You will not copy or use the Program or Documentation except as expressly permitted by this Agreement. You will not transfer, sublicense, rent, lease or lend the Program, or use it for third-party training, commercial time-sharing or service bureau use. You will not Yourself or through any third party modify, reverse engineer, disassemble or decompile the Program, except to the extent expressly permitted by applicable law, and then only after You have notified Pioneer in writing of Your intended activities.
- 3** Ownership. Pioneer or its licensor retains all right, title and interest in and to all patent, copyright, trademark, trade secret and other intellectual property rights in the Program and Documentation, and any derivative works thereof. You do not acquire any other rights, express or implied, beyond the limited license set forth in this Agreement.
- 4** No Support. Pioneer has no obligation to provide support, maintenance, upgrades, modifications or new releases for the Program or Documentation under this Agreement.

3 WARRANTY DISCLAIMER

THE PROGRAM AND DOCUMENTATION ARE PROVIDED "AS IS" WITHOUT ANY REPRESENTATIONS OR WARRANTIES, AND YOU AGREE TO USE THEM AT YOUR SOLE RISK. TO THE FULLEST EXTENT PERMISSIBLE BY LAW, PIONEER EXPRESSLY DISCLAIMS ALL WARRANTIES OF ANY KIND WITH RESPECT TO THE PROGRAM AND DOCUMENTATION, WHETHER EXPRESS, IMPLIED, STATUTORY, OR ARISING OUT OF COURSE OF PERFORMANCE, COURSE OF DEALING OR USAGE OF TRADE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, ACCURACY, TITLE OR NON-INFRINGEMENT.

4 DAMAGES AND REMEDIES FOR BREACH

You agree that any breach of this Agreement's restrictions would cause Pioneer irreparable harm for which money damages alone would be inadequate. In addition to damages and any other remedies to which Pioneer may be entitled, You agree that Pioneer may seek injunctive relief to prevent the actual, threatened or continued breach of this Agreement.

5 TERMINATION

Pioneer may terminate this Agreement at any time upon Your breach of any provision. If this Agreement is terminated, You will stop using the Program, permanently delete it from your computer or mobile device where it resides, and destroy all copies of the Program and Documentation in Your possession, confirming to Pioneer in writing that You have done so. Sections 2.2, 2.3, 2.4, 3, 4, 5 and 6 will continue in effect after this Agreement's termination.

6 GENERAL TERMS

- 1** Limitation of Liability. In no event will Pioneer or its subsidiaries be liable in connection with this Agreement or its subject matter, under any theory of liability, for any indirect, incidental, special, consequential or punitive damages, or damages for lost profits, revenue, business, savings, data, use, or cost of substitute procurement, even if advised of the possibility of such damages or if such damages are foreseeable. In no event will Pioneer's liability for all damages exceed the amounts actually paid by You to Pioneer or its subsidiaries for the Program. The parties acknowledge that the liability limits and risk allocation in this Agreement are reflected in the Program price and are essential elements of the bargain between the parties, without which Pioneer would not have provided the Program or entered into this Agreement.
- 2** The limitations or exclusions of warranties and liability contained in this Agreement do not affect or prejudice Your statutory rights as consumer and shall apply to You only to the extent such limitations or exclusions are permitted under the laws of the jurisdiction where You are located.
- 3** Severability and Waiver. If any provision of this Agreement is held to be illegal, invalid or otherwise unenforceable, that provision will be enforced to the extent possible or, if incapable of enforcement, deemed to be severed and deleted from this Agreement, and the remainder will continue in full force and effect. The waiver by either party of any default or breach of this Agreement will not waive any other or subsequent default or breach.
- 4** No Assignment. You may not assign, sell, transfer, delegate or otherwise dispose of this Agreement or any rights or obligations

under it, whether voluntarily or involuntarily, by operation of law or otherwise, without Pioneer's prior written consent. Any purported assignment, transfer or delegation by You will be null and void. Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns.

5. Entire Agreement. This Agreement constitutes the entire agreement between the parties and supersedes all prior or contemporaneous agreements or representations, whether written or oral, concerning its subject matter. This Agreement may not be modified or amended without Pioneer's prior and express written consent, and no other act, document, usage or custom will be deemed to amend or modify this Agreement.

6. You agree that this Agreement shall be governed and construed by and under the laws of Japan.

Cautions on copyrights

rekordbox restricts playback and duplication of copyright-protected music contents.

- When coded data, etc., for protecting the copyright is embedded in the music contents, it may not be possible to operate the program normally.
- When rekordbox detects that coded data, etc., for protecting the copyright is embedded in the music contents, processing (playback, reading, etc.) may stop.

Recordings you have made are for your personal enjoyment and according to copyright laws may not be used without the consent of the copyright holder.

- Music recorded from CDs, etc., is protected by the copyright laws of individual countries and by international treaties. It is the full responsibility of the person who has recorded the music to ensure that it is used legally.
- When handling music downloaded from the Internet, etc., it is the full responsibility of the person who has downloaded the music to ensure that it is used in accordance with the contract concluded with the download site.

Cautions on installing rekordbox

Read *Software end user license agreement* carefully before installing rekordbox.

- The included CD-ROM contains installation programs and operating instructions in the following 12 languages: English, French, German, Italian, Dutch, Spanish, Portuguese, Russian, Chinese (simplified characters), Chinese (traditional characters), Korean, Japanese.
- When using an operating system in any language besides the ones listed above, select **[English]** during the installation procedure.

Supported operating systems

Mac OS X (10.5.8, 10.6 or 10.7)		✓
Windows® 7 Home Premium/Professional/Ultimate	32-bit version	✓
	64-bit version	✓
Windows Vista® Home Basic/Home Premium/Business/Ultimate (SP2 or later)	32-bit version	✓
	64-bit version	✓
Windows® XP Home Edition/Professional (SP3 or later)	32-bit version	✓

The latest information on rekordbox (supported operating systems, required operating environment, etc.) is provided on the rekordbox online support site. (page 13).

❖ Minimum operating environment for rekordbox

Check that the computer provides the operating environment described below before starting installation.

CPU	For Mac OS X	Macintosh computer equipped with a Dual-Core 1.6 GHz or greater Intel® processor
	For Windows® 7, Windows Vista® and Windows® XP	PC/AT compatible computer equipped with a Dual-Core 2.0 GHz or greater Intel® processor
Required memory	1 GB or more of RAM	
Hard disk	250 MB or more of free space (not including space for storing music files, etc.)	

Optical drive	Optical disc drive on which the CD-ROM can be read
Sound	Audio output to speakers, headphones, etc. (internal or external audio device)
Internet connection	For user registration and inquiries, use a web browser supporting 128-bit SSL (Safari 2.0 or greater, Internet Explorer® 6.0 or greater, etc.).
USB port	A USB port for connection of a USB device (flash memory, hard disc, etc.) is required to transfer music files to the USB device.

- Full functionality is not guaranteed on all computers, even those meeting the operating environment requirements described above.
- Even with the required memory capacity indicated for the operating environment above, in the cases described below the software may not provide full functionality and performance due to lack of memory. In this case, take the necessary measures to ensure sufficient free memory. We recommend adding extra memory in order to achieve stable performance.
 - When there are many tracks being managed in the rekordbox library
 - When resident programs and services are running
- Depending on the computer's power settings and other factors, the CPU and hard disk processing capacity may be insufficient. When using laptop computers in particular, always keep the AC power connected and adjust the computer's settings to maximize performance when using rekordbox.
- Note that problems may arise with the functionality of rekordbox depending on other software running on your computer.

Installing rekordbox

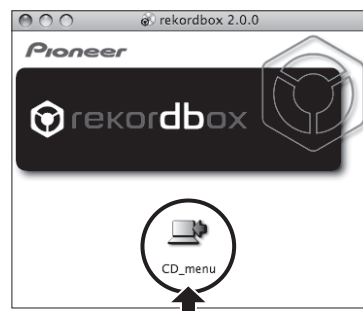
Read *Cautions on installing rekordbox* carefully before installing rekordbox.

❖ Installation procedure (Macintosh)

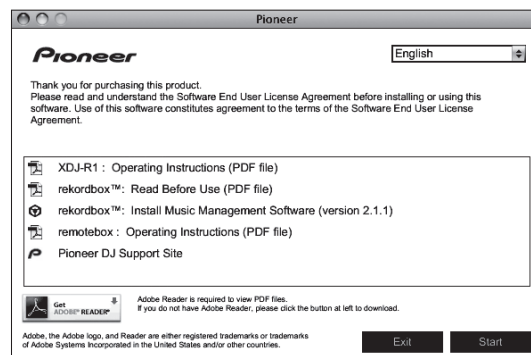
- Authorization of the computer's administrator is required to install and uninstall rekordbox.
Log on as the user which was set as the computer's administrator before installing.

1 When the CD-ROM is inserted into the computer's optical drive, the optical drive opens on the screen. Double-click the **[CD_menu.app]** icon.

- If the window containing the **[CD_menu.app]** icon is not displayed when the CD-ROM is inserted, use Finder to open the optical drive manually and double-click the **[CD_menu.app]** icon.



2 When the CD-ROM's menu is displayed, select **[rekordbox: Install Music Management Software]**, then click **[Start]**.



- To close the CD-ROM menu, click **[Exit]**.

3 When the license agreement screen appears, select [English], read the *Software end user license agreement* carefully, then click [Continue].

- You can select the one you desire from multiple languages as long as the language is supported by the system environment of your computer.

4 If you agree to the *Software end user license agreement*, click [Agree].

- If you do not consent to the provisions of the *Software end user license agreement*, click [I disagree] and stop installation.

5 Install rekordbox by following the instructions on the screen.

❖ Installation procedure (Windows)

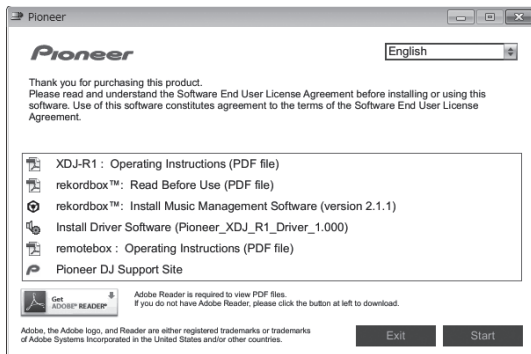
- Authorization of the computer's administrator is required to install and uninstall rekordbox.
Log on as the user registered as the computer's administrator before installing rekordbox.

1 Insert the CD-ROM into the computer's optical drive.

The CD-ROM menu is displayed.

- If the CD-ROM menu does not appear when the CD-ROM is inserted, open the optical drive from [Computer (or My Computer)] in the [Start] menu, then double-click the [CD_menu.exe] icon.

2 When the CD-ROM's menu is displayed, select [rekordbox: Install Music Management Software], then click [Start].



- To close the CD-ROM menu, click [Exit].

3 When the language selection screen appears, select [English] and click [OK].

- You can select the one you desire from multiple languages as long as the language is supported by the system environment of your computer.

4 When the license agreement screen appears, read the *Software end user license agreement* carefully. If you agree to the *Software end user license agreement*, click [Agree].

- If you do not consent to the provisions of the *Software end user license agreement*, click [Cancel] and stop installation.

5 Install rekordbox by following the instructions on the screen.

- Click [Cancel] to cancel installation after it has started.

Launching rekordbox/Viewing the Operating Instructions

Log on as the user which was set as the computer's administrator before using rekordbox.

- When rekordbox is started up for the first time, the license key must be entered. The license key is affixed to the CD-ROM package. When rekordbox is started up, the operating instructions can be viewed from the rekordbox [Help] menu.
- The Online manual and online support site can be accessed if the computer is connected to the Internet.

❖ For Mac OS X

Open the [Application] folder with Finder, then double-click [rekordbox 2.x.x.app].

- The 2.x.x indicates the rekordbox version.

❖ For Windows® 7, Windows Vista® and Windows® XP

Click on the Windows [Start] menu button, then [All Programs] > [Pioneer] > [rekordbox 2.x.x] > [rekordbox 2.x.x].

- The 2.x.x indicates the rekordbox version.

Using the online support site

Before making inquiries on rekordbox operating procedures or technical issues, read the rekordbox operating instructions and online manual and check the FAQ provided on the rekordbox online support site.

<rekordbox online support site>

<http://rekordbox.com/>

- User registration on the rekordbox online support site is required prior to making inquiries concerning rekordbox.
- You will need to enter your license key during user registration, so please have it handy. Also, be sure not to forget the login name (your e-mail address) and the password specified for your user registration, as well as the license key.
- PIONEER CORPORATION collects your personal information for the following purposes:
 - To provide customer support for your purchased product
 - To inform you of product or event information by e-mail
 - To obtain feedback collected by survey for product planning purposes
 — Your personal information is kept confidential corresponding to the privacy policy set forth by our company.
 — Pioneer's privacy policy can be viewed on the rekordbox online support site.
- When making inquiries regarding rekordbox, please be sure to furnish your computer type and specifications (CPU, installed memory, other connected peripherals, etc.), the operating system and version used, as well as concrete information regarding the issue at hand.
 - To inquire about configuring your computer with non-Pioneer peripheral devices and to obtain the corresponding technical support, contact the specific manufacturer or retailer.
- Further version updates are anticipated for improved functionality and performance of rekordbox. Update programs will be available for download on the rekordbox online support site. We strongly recommend you perform these updates and always use the latest version of rekordbox.

Installing remotebox

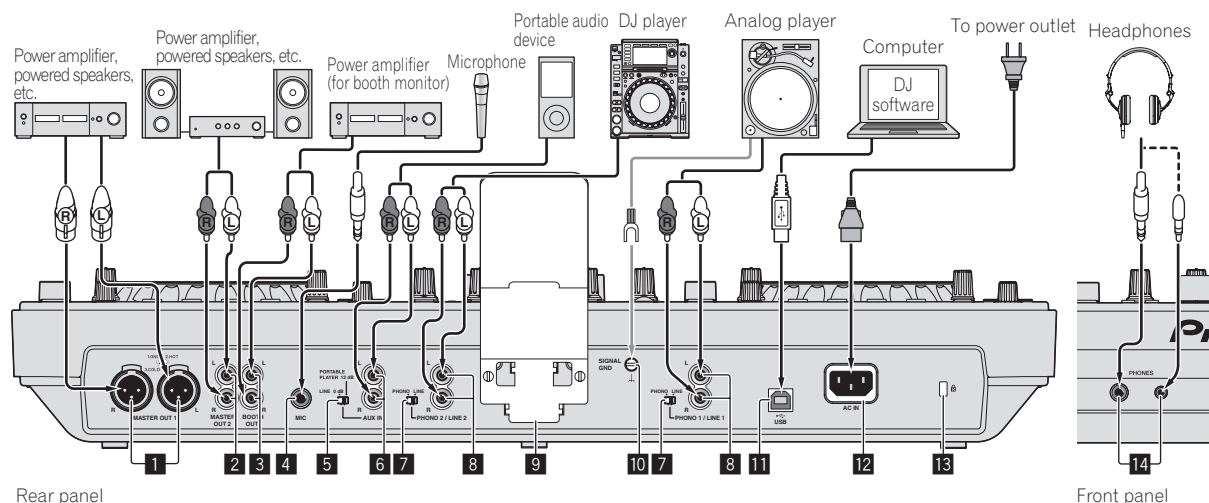
Install remotebox on the mobile device (smartphone, tablet device, etc.). For the installation procedure and supported operating system versions, see the remotebox operating instructions or the Pioneer website (<http://pioneerdj.com/support/>).

Connections

- Connect the power cord after all the connections between devices have been completed.
Be sure to turn off the power and unplug the power cord from the power outlet whenever making or changing connections.
Refer to the operating instructions for the component to be connected.
- Be sure to use the included power cord.

Connecting the input/output terminals

Rear panel, front panel



1 MASTER OUT 1 terminals

Connect a power amplifier, powered speakers, etc., here.
Be sure to use these as balanced outputs.

2 MASTER OUT 2 terminals

Connect a power amplifier, powered speakers, etc., here.

3 BOOTH output terminal

This is an output terminal for a booth monitor.

4 MIC jack

Connects a microphone here.

5 LINE, PORTABLE PLAYER selector switch

Switch this according to the audio level input to the [AUX] terminals.

6 AUX IN terminals

Connect a line level output device (such as a DJ player) or a device with a low gain (such as a portable audio player) here. Switch the terminals' input gain according to the connected device using the [LINE, PORTABLE PLAYER] selector switch on this unit's rear panel.

7 LINE, PHONO selector switch

Switches the function of the [PHONO/LINE] terminals.

8 PHONO1/LINE1 and PHONO2/LINE2 terminals

Connect a phono level output device (analog player (for MM cartridges), etc.) or a line level output device (DJ player, etc.) here. Switch the terminals' function according to the connected device using the [LINE, PHONO] selector switch on this unit's rear panel.

9 Smartphone stand

A mobile device can be set here.
For instructions on mounting the smartphone stand, see *Mounting the smartphone stand* on page 9.

10 SIGNAL GND terminal

Connects an analog player's ground wire here. This helps reduce noise when the analog player is connected.

11 USB terminal

Connect to a computer.
• A USB hub cannot be used.

12 AC IN

Connect this to a power outlet.
Connect the power cord after all the connections between devices have been completed.
Be sure to use the included power cord.

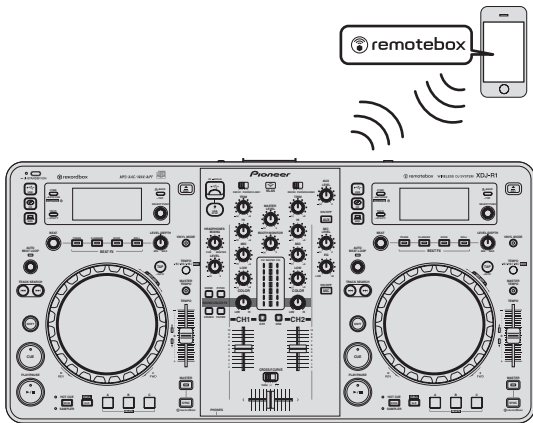
13 Kensington security slot

14 PHONES jacks

Connect headphones here.
Both stereo phone plugs (Ø 6.3 mm) and stereo mini phone plugs (Ø 3.5 mm) can be used.
• There are two output terminals (one for a stereo phone jack and one for a mini-phone jack), but do not use both terminals simultaneously. If one is connected or disconnected while the other one is being used, the volume of the other one in use may increase or drop suddenly.

Connecting by wireless LAN

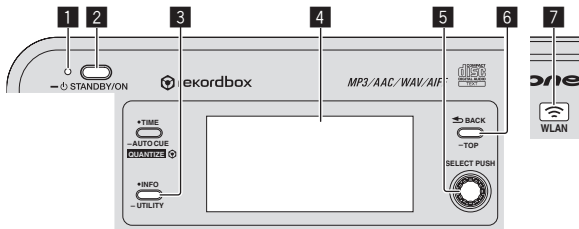
With this unit, a mobile device supporting wireless LAN connections can be connected directly without using router, etc., to hold DJ performances using the mobile device application (remotebox). This unit does not support wireless LAN connection via a router.



Setting the wireless LAN function's operation mode

Set the wireless LAN function's operation mode before connecting this unit by wireless LAN.

The buttons and controls below are used for making the wireless LAN function's operation mode settings and wireless LAN connection settings.



- 1 STANDBY/ON indicator
- 2 STANDBY/ON button
- 3 INFO(UTILITY) button
- 4 Main unit display
- 5 Rotary selector
- 6 BACK(TOP) button
- 7 WLAN indicator

1 Press [STANDBY/ON] button.

Turn on the power of this unit.

The [STANDBY/ON] indicator lights green.

2 Press the [INFO(UTILITY)] button for over 1 second.

The [UTILITY] screen is displayed.

3 Turn the rotary selector, select [WLAN SETTING], then press the rotary selector.

See page 29 for the list of [WLAN SETTING] items.

4 Turn the rotary selector, select [MODE], then press the rotary selector.

5 Turn the rotary selector, select the mode you want to set, then press the rotary selector.

- [ENABLE]: Activates the wireless LAN function.
- [DISABLE]: Turns the wireless LAN function off.

6 When [APPLY CHANGES?] appears on the main unit display, turn the rotary selector to select [YES], then press the rotary selector.

After this, make the settings for connection in the ENABLE mode.

Making the wireless LAN connection settings in the ENABLE mode

1 Press the [INFO(UTILITY)] button for over 1 second.

2 Turn the rotary selector, select [WLAN INFO], then press the rotary selector.

3 Turn the rotary selector, select [SSID], then press the rotary selector.

Make a note of the [SSID] for future reference.

- The first 9 characters of the [SSID] are displayed. Turn the rotary selector to display the portion that is not initially displayed.

4 Press the [BACK(TOP)] button.

Press to return to the previous screen.

5 Turn the rotary selector, select [PASSWORD], then press the rotary selector.

Make a note of the [PASSWORD] for future reference.

6 From the wireless LAN connection settings on the mobile device or computer, display the connectable [SSID]s.

- See your device's operating instructions for instructions on searching for or displaying connectable [SSID]s.

7 On the mobile device or computer, select the [SSID] checked in step 3.

8 Input the password you made a note of in step 5.

Checking the current wireless LAN settings

1 Press the [INFO(UTILITY)] button for over 1 second.

The [UTILITY] screen is displayed.

2 Turn the rotary selector, select [WLAN INFO], then press the rotary selector.

See page 29 for the list of [WLAN INFO] items.

3 Select the item you want to check, then press the rotary selector.

The settings are displayed.

- When the [BACK(TOP)] button is pressed, the screen returns to the [WLAN INFO] screen.

4 Press the [INFO(UTILITY)] button.

The [UTILITY] screen closes.

Cautions concerning security when using wireless LAN products

Wireless LAN connections offer the advantage that because the information is exchanged between the computer, etc., and the wireless LAN access point using radio waves rather than a LAN cable, LAN connections are possible as long as the devices are within the range of the radio waves.

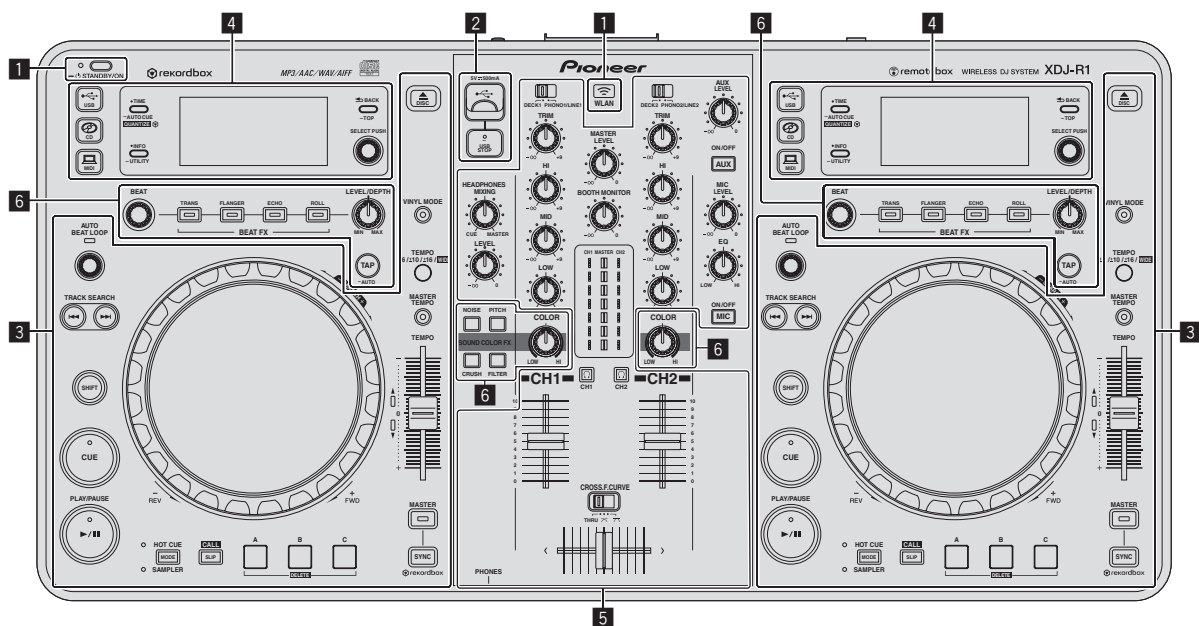
On the other hand, because the radio waves reach all places within their range, even through such obstacles as walls, the problems below may occur if the security settings have not been made.

- Exchanged information may be viewed surreptitiously
Third parties with malicious intents may deliberately intercept the radio waves and surreptitiously view the exchanged information, including ID numbers, passwords, credit card numbers and other personal information or e-mail messages.
- Your network may be infiltrated without authorization
Third parties with malicious intents may access your personal or company network without authorization and obtain personal or confidential information (leakage of information), impersonate specific persons and release false information (impersonation), rewrite intercepted information and issue the rewritten information (falsification) or plant computer viruses, etc., that damage your data or system (vandalism).

Wireless LAN products normally have a security system. Using the product with the security settings activated decreases the above risks.

It is your responsibility to thoroughly understand the risks of using wireless LAN products without security settings and to make the security settings according to your personal judgment.

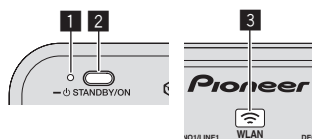
Part names and functions



Part names and functions

- 1 Power & wireless section (page 18)
- 2 USB device section (page 18)
- 3 Player section (page 18)
- 4 Browse section (page 21)
- 5 Mixer section (page 23)
- 6 Effect section (page 24)

Power & wireless section



1 STANDBY/ON indicator

This lights when this unit's power is on or in standby.

2 STANDBY/ON button

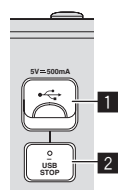
This switches this unit's power between on and standby.

- ➡ Turning the power on (p.26)
- ➡ To set to the standby mode (p.26)

3 WLAN indicator

This lights when a link is established with the mobile device.

USB device section



1 USB device insertion slot

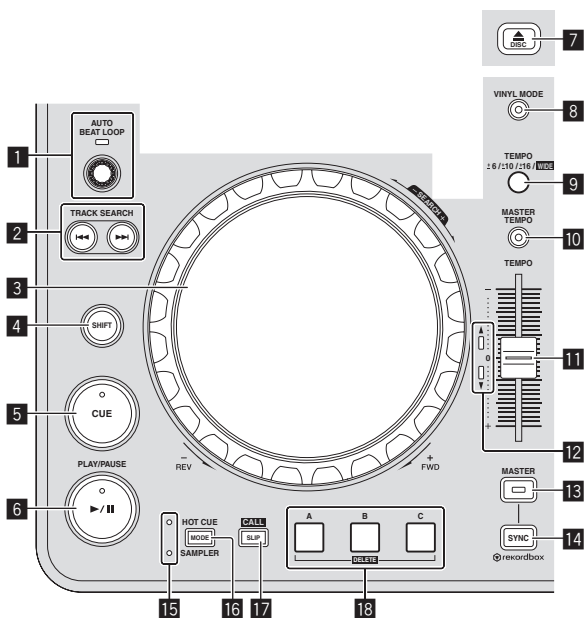
Insert USB devices here.

- ➡ Connecting and disconnecting USB devices (p.27)

2 USB STOP button

Press this for over 2 seconds before disconnecting USB devices from this unit.

Player section



1 AUTO BEAT LOOP control

- Turn:
 - Set the length of the auto beat loop's loop in units of beats.
- Press:
 - Turns loop playback on and off.

2 TRACK SEARCH ◀◀, ▶▶ buttons

Use these to search for the beginnings of tracks.

3 Jog dial

- Scratch
 - When the [VINYL] mode is set and the jog dial is turned while touching a metal part on its top, the sound is played according to the direction and speed at which the jog dial is turned.
- Pitch bend
 - The playing speed can be adjusted by turning the outer part of the jog dial during playback.

4 SHIFT button

When another button is pressed while pressing the [SHIFT] button, a different function is called out.

5 CUE button

Sets a cue point or moves the cue point.

6 ▶/II (PLAY/PAUSE) button

Use this to play/pause tracks.

7 DISC▲ button

Use this to eject discs.

- ➡ Ejecting discs (p.26)

8 VINYL MODE button

This switches the [VINYL] mode on/off.

9 TEMPO RANGE button

The [TEMPO] slider's range of variation switches each time this is pressed.

10 MASTER TEMPO button

Use this to turn the master tempo function on and off.

11 TEMPO slider

Use this to adjust the track playing speed.

12 TEMPO indicator

When the top or bottom indicator is lit, the BPM is synchronized to the master sound by sliding the tempo slider to the side whose indicator is lit until the indicator turns off.

13 MASTER button

Use this to set the track loaded in this unit as the master for the beat sync function.

14 SYNC button

Synchronizes to the master deck's tempo.

- ➡ Using the SYNC function (p.28)

15 MODE indicator

These light to indicate whether the hot cue/sampler section is set to the hot cue or sampler function.

16 MODE (HOT CUE/SAMPLER) button

Switches the function of the hot cue/sampler section with each press.

17 SLIP (CALL) button

- Press:
 - This turns the slip mode on/off.
- [SHIFT] + press:
 - Calls out the hot cue.

18 HOT CUE/SAMPLER (A, B, C) button

When using with the hot cue function

- Press:
 - When no hot cue is set during playback or while pausing:
 - A hot cue is set at the position at which the button is pressed.
 - When a hot cue is set during playback or while pausing:
 - Calls out the hot cue.
- [SHIFT] + press:
 - Deletes the hot cue.

When using with the sampler function

For details, see *Using the sampler function* on page 21.

Playback

Press the [▶/II (PLAY/PAUSE)] button.

❖ Pausing

During playback, press the [▶/II (PLAY/PAUSE)] button.

- Playback resumes when [▶/II (PLAY/PAUSE)] button is pressed again.
- When tracks have been loaded from a disc, the disc automatically stops spinning if no operation is performed for 100 minutes while in the pause mode.

Forward and reverse scanning

Turn the jog dial while pressing the [SHIFT] button.

The track is fast-forwarded/fast-reversed in the direction in which the jog dial is spun.

- When the [SHIFT] button is released, this function is canceled.
- When you stop the jog dial from spinning, normal playback resumes.
- The fast-forward/fast-reverse speed can be adjusted according to the speed at which the jog dial is spun.

Finding the beginnings of tracks (Track Search)

Press one of the [TRACK SEARCH ◀◀, ▶▶] buttons.

Press the [▶▶] to move to the beginning of the next track.

When [◀◀] is pressed, playback returns to the beginning of the currently playing track. When pressed twice in a row, playback returns to the beginning of the previous track.

- It is not possible to move to a different category or folder with the track search function.

Frame search

In the pause mode, spin the jog dial.

The pause position can be moved in units of single frames.

- The position is moved in the direction of playback when the jog dial is spun clockwise, in the reverse direction when it is spun counter-clockwise. The position moves 135 for one revolution of the jog dial.

Super fast track search

Turn the jog dial while pressing one of the [TRACK SEARCH ◀◀, ▶▶] buttons.

The track is advanced at high speed in the direction in which the jog dial was turned.

Adjusting the playing speed (Tempo control)

Move the [TEMPO] slider forward or backward.

The playing speed increases when the slider is moved to the [+] side (towards you), decreases when the slider is moved to the [-] side (away from you).

The rate at which the playing speed is changed is indicated on the main unit display.

❖ Selecting the playing speed adjustment range

Press the [TEMPO RANGE] button.

The playing speed adjustment range switches each time the button is pressed.

[WIDE, ±16, ±10, ±6] is displayed on the main unit display.

- Adjustment is possible in units of 0.02 % when [±6] % is selected, 0.04 % when [±10] % or [±16] % is selected, and 0.5 % when [WIDE] is selected.
- The [WIDE] adjustment range is ±100 %. When set to -100 %, playback stops.
- [WIDE] can only be selected when playing music CDs (CD-DA).

❖ Adjusting the playing speed without changing the pitch (Master Tempo)

Press the [MASTER TEMPO] button.

The [MASTER TEMPO] indicator lights. The pitch does not change even when the playing speed is changed with the [TEMPO] slider.

- The sound is digitally processed, so the sound quality changes.

Setting Cue

1 During playback, press the [▶/II (PLAY/PAUSE)] button.

Playback is paused.

2 Press the [CUE] button.

The point at which the track is paused is set as the cue point.

The [▶/II (PLAY/PAUSE)] indicator flashes and the [CUE] indicator lights. No sound is output at this time.

- When a new cue point is set, the previously set cue point is canceled.

❖ Adjusting the cue point position

1 Turn the jog dial while pausing at a cue point.

The [▶/II (PLAY/PAUSE)] and [CUE] indicators flash.

The cue point can be fine-adjusted in units of single frames.

2 Press the [CUE] button.

The position at which the button was pressed is set as the new cue point.

- When a new cue point is set, the previously set cue point is canceled.

❖ Returning to Cue Point (Back Cue)

During playback, press the [CUE] button.

The set immediately returns to the currently set cue point and pauses.

- When the [▶/II (PLAY/PAUSE)] button is pressed, playback starts from the cue point.

❖ Checking Cue Point (Cue Point Sampler)

Keep pressing the [CUE] button after returning to the cue point.

Playback starts from the set cue point. Playback continues while the button is held in.

Setting the loop automatically based on the track's tempo (Auto Beat Loop)

1 During playback, turn the [AUTO BEAT LOOP] control to set the length for loop playback in number of beats.

The main unit display switches to the beat display.

2 Press the [AUTO BEAT LOOP] control to start loop playback.

The loop out point is set automatically according to the track's tempo (BPM) and loop playback starts.

- Loop playback cannot be performed properly if the BPM value is not displayed.
- When auto beat loop is set, the cue point moves to the loop in point.
- When the [AUTO BEAT LOOP] control is pressed during loop playback, loop playback is canceled.

Operating the jog dial

❖ Switching the jog dial mode

The jog dial has two modes.

- [VINYL] mode: When a metal part of the top of jog dial is touched during playback, playback stops, and when the jog dial is turned at this point the sound is output according to the rotation of the jog dial.
- Normal mode: Playback does not stop even when a metal part of the top of jog dial is touched. Also, such operations as scratching cannot be performed.

Press the [VINYL MODE] button.

The jog mode switches to the [VINYL] mode and the [VINYL MODE] button lights.

❖ Scratch

When the jog dial is set to the [VINYL] mode, the sound can be played according to the direction and speed at which the jog dial is turned by turning the jog dial while touching a metal part on its top.

1 Press the [VINYL MODE] button.

Set the jog mode to the [VINYL] mode.

2 During playback, touch a metal part of the top of the jog dial.

Playback stops.

3 While still touching a metal part of the top of the jog dial, turn the jog dial in the direction and at the speed at which you want to play the sound.

The sound is played according to the spinning direction and speed of the jog dial.

4 Take your finger off the metal part of the top of the jog dial.

Normal playback resumes.

❖ Pitch bend

During playback, spin the outer section of the jog dial.

The playing speed increases when spun clockwise, decreases when spun counterclockwise. When spinning is stopped, playback returns to the normal speed.

- When the jog mode is set to the normal mode, the same operation is possible by spinning the top of the jog dial.

Using the slip mode

When the slip mode is turned on, normal playback continues in the background with the original rhythm during scratch, hot cue and sampler playback. When the slip mode is canceled, normal playback resumes from the position reached at the time the slip mode was canceled.

- When the quantize function is on, there may be a slight delay in operation of this function in order to synchronize the beat. (Only for the slip hot cue function)

❖ Slip scratching

1 Press the [VINYL MODE] button.

Set the jog mode to VINYL.

2 Press the [SLIP (CALL)] button.

The mode switches to the slip mode.

3 During playback, touch a metal part of the top of the jog dial.

The scratch play mode is set.

Normal playback continues in the background even while scratching. The [SLIP (CALL)] button flashes in beat with the sound playing in the background.

4 Take your finger off the metal part of the top of the jog dial.

Normal playback of the sound that was playing in the background resumes.

❖ Slip hot cue

1 Press the [SLIP (CALL)] button.

The mode switches to the slip mode.

2 Press and hold a [HOT CUE/SAMPLER (A, B, C)] button.

Hot cueing begins.

Normal playback continues in the background while the [HOT CUE/SAMPLER (A, B, C)] button is pressed.

The [SLIP (CALL)] button flashes in beat with the sound playing in the background.

- With the slip hot cue function, a 4-beat loop is played while the button is held.

3 Release the [HOT CUE/SAMPLER (A, B, C)] button.

When the [HOT CUE/SAMPLER (A, B, C)] button is released, normal playback of the sound that was playing in the background resumes.

❖ Slip sampler

1 Press the [SLIP (CALL)] button.

The mode switches to the slip mode.

2 Press and hold a [HOT CUE/SAMPLER (A, B, C)] button.

The sampler starts.

Normal playback continues in the background while the [HOT CUE/SAMPLER (A, B, C)] button is pressed.

The [SLIP (CALL)] button flashes in beat with the sound playing in the background.

- With the slip sampler function, a 4-beat loop is played while the button is held.

3 Release the [HOT CUE/SAMPLER (A, B, C)] button.

When the [HOT CUE/SAMPLER (A, B, C)] button is released, normal playback of the sound that was playing in the background resumes.

❖ Canceling the slip mode

Press the [SLIP (CALL)] button.

The slip mode is canceled.

- The slip mode is also canceled when a track is loaded.

Using hot cues

When a hot cue is set, the point can be called out instantaneously and playback can be started from that point. A maximum of 3 hot cues can be set per disc. For music files on USB devices, up to 3 hot cues can be set per track.

❖ Setting Hot Cue

1 Press the [MODE (HOT CUE/SAMPLER)] button to switch to the hot cue mode.

The hot cue [MODE] indicator lights.

2 During playback or while pausing, press one of the [HOT CUE/SAMPLER (A, B, C)] buttons at the point at which you want to set the hot cue.

The point at which the button was pressed is set as the hot cue, and the corresponding [HOT CUE/SAMPLER (A, B, C)] button lights blue.

- During loop playback, the loop is registered as a hot cue.
- The direction of playback is not recorded for hot cues.
- When a hot cue is set during scratch play, playback may stop temporarily.
- When the quantize function is on, there may be a slight delay in operation of this function in order to synchronize the beat.
- It is not possible to store a hot cue at a [HOT CUE/SAMPLER (A, B, C)] button at which a hot cue is already stored. To do so, first delete the hot cue stored at that button.

❖ Playing hot cues

During playback or while pausing, press one of the [HOT CUE/SAMPLER (A, B, C)] buttons.

The hot cue recorded at that button is called out and playback begins.

❖ Calling out hot cues (on discs)

1 Load a disc in this unit.

2 While pressing the [SHIFT] button, press the [SLIP (CALL)] button.

The unit switches to the hot cue callout mode and the [HOT CUE/SAMPLER (A, B, C)] buttons at which hot cues are stored flash.

3 Press the [HOT CUE/SAMPLER (A, B, C)] button whose hot cue you want to call out.

The hot cue is called out and the [HOT CUE/SAMPLER (A, B, C)] button lights blue.

- If you do not want to call out a hot cue, press the [SLIP (CALL)] button while pressing the [SHIFT] button, without pressing a [HOT CUE/SAMPLER (A, B, C)] button. The buttons whose hot cues were not called out turn off.

❖ Calling out hot cues (on a storage (USB) device)

1 Connect a storage device (USB) to this unit.

2 Load the track whose hot cue you want to call out.

3 While pressing the [SHIFT] button, press the [SLIP (CALL)] button.

The unit switches to the hot cue callout mode and the [HOT CUE/SAMPLER (A, B, C)] buttons at which hot cues are stored flash.

4 Press the [HOT CUE/SAMPLER (A, B, C)] button whose hot cue you want to call out.

The hot cue is called out and the [HOT CUE/SAMPLER (A, B, C)] button lights blue.

- If you do not want to call out a hot cue, press the [SLIP (CALL)] button while pressing the [SHIFT] button, without pressing a [HOT CUE/SAMPLER (A, B, C)] button. The buttons whose hot cues were not called out turn off.
- If you accidentally cancel the hot cue callout mode, once again press the [SLIP (CALL)] button while pressing the [SHIFT] button.
- rekordbox can be preset so that hot cues are called out automatically when tracks are loaded.

- "H" is displayed on the track list for tracks for which auto hot cue loading is set.

❖ Deleting hot cues

Press one of the [HOT CUE/SAMPLER (A, B, C)] buttons while pressing the [SHIFT] button.

The hot cue stored at the corresponding button is deleted, the button turns off, and a new hot cue can now be stored at that button.

Using the sampler function

Four beats of sound can be sampled. Samples that have been stored can be called out and played later.

- Up to three samples can be stored per deck.
- After editing (recording or deleting) a sampled sound source, be sure to press the [STANDBY/ON] button to turn the power off. If the power is turned off without pressing the [STANDBY/ON] button, the edited results are not retained in the memory.

❖ Storing samples

1 Press the [MODE (HOT CUE/SAMPLER)] button to switch to the sampler mode.

The sampler [MODE] indicator lights.

2 Press one of the HOT CUE/SAMPLER (A, B, C) buttons.

The point at which the button is pressed is set as the recording start point, four beats worth of sound or the first 5 seconds of the sound is sampled, and the button lights blue.

- If a sample is already stored at a [HOT CUE/SAMPLER (A, B, C)] button, it is not possible to store a new sample there. To store a new sample, first delete the stored sample.

❖ Playing samples

Press and hold a [HOT CUE/SAMPLER (A, B, C)] button.

The sample is played while the button is pressed.

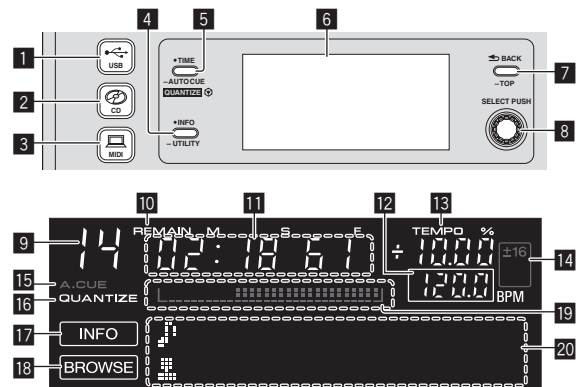
- The volume of the sample can be adjusted at [SAMPLE LEVEL] on the [UTILITY] menu.

❖ Deleting samples

Press one of the [HOT CUE/SAMPLER (A, B, C)] buttons while pressing the [SHIFT] button.

The sampled sound stored at the corresponding button is deleted, the button turns off, and a new sample can now be stored at that button.

Browse section



1 USB button

Use this to browse the contents of the USB device connected to this unit and display them on the main unit display.

2 CD button

Use this to browse the contents of a CD or CD-ROM loaded in this unit and display them on the main unit display.

3 MIDI button

Use this to switch this unit to the PC control connections screen.

4 INFO(UTILITY) button

- Press:
The main unit display switches to the information display mode. When in the information display mode, the bottom section of the display switches between the track name and beat display each time the button is pressed.
- Press for over 1 second:
The [UTILITY] screen is displayed.
➔ *Changing the settings* (p.29)

5 TIME (AUTO CUE,QUANTIZE) button

- Press:
The main unit display's time display mode switches to the elapsed time or remaining time display.
- Press for over 1 second:
When pressed for over 1 second, auto cue turns on and off.
- [SHIFT] + press:
This turns the QUANTIZE function on and off.
➔ *Using the QUANTIZE function* (p.28)

6 Main unit display

7 BACK(TOP) button

- Press:
The screen moves back to the layer above.
- Press for over 1 second:
Press for over 1 second to move to the top layer.

8 Rotary selector

9 This displays the track number.

10 REMAIN

This is displayed when the time display is set to the remaining time.

11 Time display (minutes, seconds and frames)

12 BPM

Displays BPM (Beats Per Minute) of the track currently being played.

13 Playing speed display

The value changes according to the position of the [TEMPO] slider.

14 TEMPO %

This indicates the percentage by which the playing speed is changed.

15 A. CUE

This is displayed when the auto cue mode is set.

16 QUANTIZE

This is displayed when [QUANTIZE] is turned on.

17 INFO

This is displayed when the main unit display is set to the information display mode.

18 BROWSE

This is displayed when the main unit display is set to the browse display mode.

19 Playing address display

This displays a track as a bar graph. The graph lights up from the left edge when the elapsed time is displayed and turns off from the left edge when the remaining time is displayed. The entire graphs starts flashing slowly when only 30 seconds remain to the end of the track, then starts flashing quickly when only 15 seconds remain.

20 Information display section

Switching the browse display mode

There are two types of browse display modes: library browse and folder browse. The display mode differs according to whether or not rekordbox library information is stored on the USB device.

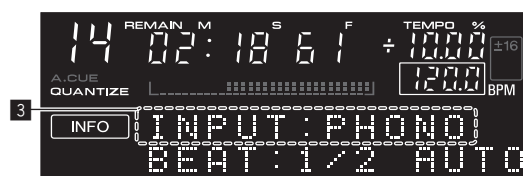
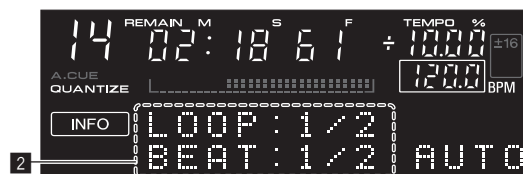
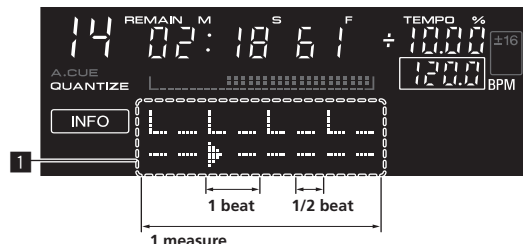
- When library information is stored on the USB device: The information is displayed in the library browse mode. The music files are displayed in the categories (album, artist, etc.) set with rekordbox.
- When no library information is stored on the USB device: The information is displayed in the folder browse mode. The folders and tracks on the medium are displayed in a tree structure.

Switching the information display mode

The bottom section of the display switches between the track name and beat display each time the [INFO(UTILITY)] button is pressed.

❖ Using the beat display function

This displays the beat and playback position of the currently playing track.



- 1 Beat display section
 - 2 Auto loop/effect display section
 - 3 Input source display section
- When display of track name is selected in the information display mode, the mode automatically switches to the beat display when one of the operations below is performed.
 - Scratch
 - Auto beat loop setting
 - Effect setting
 - [DECK, PHONO/LINE] selector switch switching

Setting auto cue

When a track is loaded or the track search operation is performed, the silent section at the beginning of the track is skipped and the cue point is automatically set at the point immediately before the sound starts.

Press the [TIME (AUTO CUE, QUANTIZE)] button for over 1 second.

Auto cue is set to on.

[A. CUE] is displayed on the main unit display.

- When the [TIME (AUTO CUE, QUANTIZE)] button is pressed again for over 1 second, auto cue is set to off.
- The auto cue level setting remains in the memory, even when the power is turned off.

❖ Changing the auto cue level

The acoustic pressure level identified as a silent section with the auto cue function can be selected from eight levels.

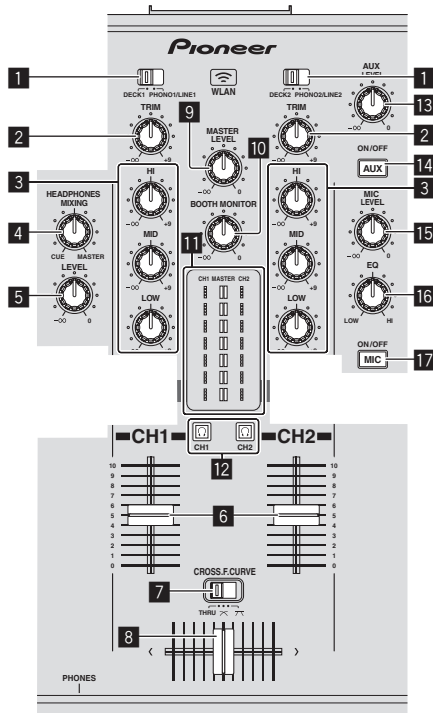
- The auto cue level setting remains in the memory, even when the power is turned off.

1 Press the [INFO(UTILITY)] button for over 1 second.
The [UTILITY] screen is displayed.

2 Turn the rotary selector then press it.
Select [A. CUE LEVEL].

3 Turn the rotary selector then press it.
The auto cue level setting changes.

Mixer section



1 DECK/PHONO/LINE selector switch

Used to select the [CH 1] or [CH 2] input source from among the devices connected to this unit.

- When set to [PHONO/LINE], the mixer section can be used as a DJ mixer.

2 TRIM control

Adjusts the level of audio signals input in each channel.

3 EQ (HI, MID, LOW) controls

These adjust the sound quality of the respective channels.

These adjust the [HI] (high range), [MID] (middle range) and [LOW] (low range), respectively.

4 HEADPHONES MIXING control

Adjusts the balance of the monitor volume between the sound of the deck whose [CH1] button is pressed and the master sound.

5 HEADPHONES LEVEL control

Adjusts the audio level output from the [PHONES] terminal.

6 Channel fader

Adjusts the level of audio signals output in each channel.

7 CROSS F. CURVE (THRU, \wedge , ∇) (crossfader curve selector switch)

This switches the crossfader curve characteristics.

8 Crossfader

The sound of the respective channels is output according to the curve characteristics selected with the [THRU, \wedge , ∇] selector switch.

9 MASTER LEVEL control

Adjusts the audio level output from the [MASTER OUT 1] and [MASTER OUT 2] terminals.

10 BOOTH MONITOR control

Adjusts the level of audio signals output from the [BOOTH] terminal.

11 LEVEL indicator

This displays the audio levels of the respective channels.

12 [CH1, CH2] button

Used to monitor the [CH 1] or [CH 2] sound.

13 AUX LEVEL control

Adjusts the audio level input to the [AUX IN] terminals.

14 AUX (ON/OFF) button

These turn the AUX effects on/off.

15 MIC LEVEL control

Adjusts the audio level input to the [MIC] terminal.

16 MIC EQ control

This adjusts the microphone's sound quality.

17 MIC (ON/OFF) button

Turns the microphone on/off.

Adjusting the sound quality

Turn the [HI], [MID], [LOW] controls for the respective channels.

- The sound for that range can be turned completely off by turning the control all the way counterclockwise (isolator function).

Monitoring sound with headphones

1 Connect headphones to the [PHONES] terminal.

For instructions on connections, see *Connecting the input/output terminals* on page 14.

2 Press the [CH1] or [CH2] button.

Select the channel you want to monitor.

- This operation is not necessary to monitor the sound output from the [MASTER OUT 1] and [MASTER OUT 2] terminals (the sound of the master channel).

3 Turn the [HEADPHONES MIXING] control.

- When turned counterclockwise: The volume of [CH 1] and [CH 2] becomes relatively louder.
- At the center position: The volume of the [CH 1] and [CH 2] sound is the same as the volume of the sound output from the [MASTER OUT 1] and [MASTER OUT 2] terminals (the sound of the master channel).
- When turned clockwise: The volume of the sound output from the [MASTER OUT 1] and [MASTER OUT 2] terminals (the sound of the master channel) becomes relatively louder.

4 Turn the [HEADPHONES LEVEL] control.

Sound is output from the headphones.

- When the [CH1] button or [CH2] button is pressed again, monitoring is canceled.
- Monitoring of the sound output from the [MASTER OUT 1] and [MASTER OUT 2] terminals (the sound of the master channel) cannot be canceled.

Using a microphone

1 Press the [MIC (ON/OFF)] button.

2 Turn the [MIC LEVEL] control clockwise.

The sound of the microphone is output from the speakers.

❖ Adjusting the sound quality

Turn the [MIC EQ] control.

- When turned fully clockwise, the attenuation of the bass sound is maximum.
- When turned fully counterclockwise, the attenuation of the treble sound is maximum.

Using the AUX function

1 Press the [AUX (ON/OFF)] button.

2 Turn the [AUX LEVEL] control.

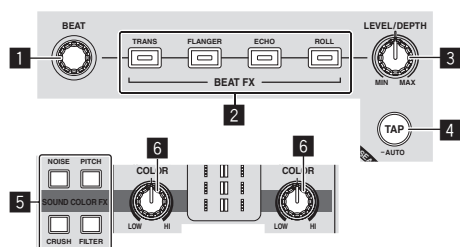
Adjusts the audio level input to the [AUX IN] terminals.

Audio is output from the [BOOTH] terminal

Turn the [BOOTH MONITOR] control.

Adjusts the level of audio signals output from the [BOOTH] terminal.

Effect section



1 BEAT control

Selects the beat multiple for synchronizing the beat effect.

2 BEAT FX (TRANS, FLANGER, ECHO, ROLL) buttons

These turn the respective beat effects on and off.

3 LEVEL/DEPTH control

Adjusts the quantitative parameter of the BEAT FX function.

4 TAP (AUTO) button

Switches the BPM measurement mode.

- AUTO mode: The [TAP (AUTO)] button turns off and the BPM is measured automatically from the audio signal being input. The [AUTO] mode is set when this unit's power is turned on.
- TAP mode: The [TAP (AUTO)] button lights and the BPM is input manually by tapping the [TAP (AUTO)] button. When the [TAP (AUTO)] button is pressed, the TAP mode is set.
- The BPM measuring range in the AUTO mode is BPM = 70 – 180. For some tracks, it may not be possible to measure the BPM correctly.

5 SOUND COLOR FX (NOISE, PITCH, CRUSH, FILTER) buttons

These turn the respective SOUND COLOR FX on and off.

6 COLOR control

This changes the parameters of the SOUND COLOR FX of the different channels.

Using the beat effect function

This unit is equipped with four effect buttons. Effects can be applied to the sound by pressing one of the effect buttons.

Press one of the [BEAT FX (TRANS, FLANGER, ECHO, ROLL)] buttons.

The button that was pressed flashes.

The effect is applied in beat with the track.

The effect differs for the different buttons. For details on the different effects, see the table below.

- When a button that is flashing is pressed again, the effect is turned off.

Effect Name	Descriptions	LEVEL/DEPTH
TRANS	Cuts the sound according to the beat multiple set with the [BEAT] control.	Sets the balance between the original sound and the effect sound.
FLANGER	Creates a one-cycle flanger effect according to the beat multiple set with the [BEAT] control.	The further the control is turned clockwise, the more the effect is stressed. When turned all the way counterclockwise, only the original sound is output.
ECHO	Outputs a delay sound several times that attenuates gradually according to the beat multiple set with the [BEAT] control. With 1/1 beat echoes, the delay sounds are faded out according to the track's tempo even after the input sound has been cut.	Use this to set the balance between the original sound and the echo sound.
ROLL	Records the input sound at the point the [ROLL] button is pressed and repeatedly outputs the recorded sound according to the beat multiple set with the [BEAT] control.	Sets the balance between the original sound and the roll sound.

❖ Varying the effect

Turn the [LEVEL/DEPTH] control.

The effect changes according to the direction in which the [LEVEL/DEPTH] control is turned and its position.

Inputting the BPM manually

1 Press the [TAP (AUTO)] button.

The [TAP (AUTO)] button lights and the mode switches to the TAP mode.

2 Tap the [TAP (AUTO)] button at least 2 times in rhythm with the beat (in quarter notes) of the sound being played.

The average value of the interval at which the [TAP (AUTO)] button was tapped by finger is set as the BPM.

- To set the mode back to AUTO, press the [TAP (AUTO)] button for over 1 second.

SOUND COLOR FX

These effects change in association with the **[COLOR]** controls for the different channels.

1 Press one of the **[SOUND COLOR FX (NOISE, PITCH, CRUSH, FILTER)]** buttons.

This selects the type of effect.

The button that was pressed flashes.

- For the types of effects, see *Types of SOUND COLOR FX effects*.
- The same effect is set for **[CH 1]** and **[CH 2]**.

2 Turn the **[COLOR]** control.

The effect is applied to the channel(s) for which the control(s) was (were) pressed.

❖ Types of SOUND COLOR FX effects

Effect Name	Descriptions	[COLOR] control
PITCH	Changes the musical interval within the range of 1 octave up and down.	Turn counterclockwise: The pitch decreases. Turn clockwise: The pitch increases.
NOISE	White noise generated inside this unit is mixed in to the sound of the channel via the filter and output. <ul style="list-style-type: none"> The volume can be adjusted by turning the [TRIM] controls for the respective channels. The sound quality can be adjusted by turning the [EQ (HI, MID, LOW)] controls. 	Turn counterclockwise: The cut-off frequency of the filter through which the white noise passes gradually decreases. Turn clockwise: The cut-off frequency of the filter through which the white noise passes gradually increases.
CRUSH	Changes the original sound to a crushed-like sound for output.	Turn counterclockwise: Increases the sound's distortion. Turn clockwise: The sound is crushed before passing through the high pass filter.
FILTER	Outputs sound that has passed through a filter.	Turn counterclockwise: Gradually decreases the low-pass filter's cutoff frequency. Turn clockwise: Gradually increases the high-pass filter's cutoff frequency.