

# DENON

DJ Controller

# MC2000

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Owner's Manual



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



**CAUTION:**

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



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**IMPORTANT TO SAFETY**

**WARNING:**

**To reduce the risk of fire and electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.**

**CAUTION**

**1. Do not open the top cover**

In order to prevent electric shock, do not open the top cover. If problems occur, contact your DENON DEALER.

**2. Do not place anything inside**

Do not place metal objects or spill liquid inside the system. Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.

Model No. MC2000

Serial No. \_\_\_\_\_

**FCC INFORMATION**  
**(For US customers)**

**1. COMPLIANCE INFORMATION**

**Product Name: Professional DJ Controller**

**Model Number: MC2000**

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

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 1100 Maplewood Drive Itasca, IL 60143  
 Tel. 630-741-0330

**2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT**

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by DENON may void your authority, granted by the FCC, to use the product.

**3. NOTE**

This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help.

For Canadian customers:

This Class B apparatus complies with Canadian ICES-003.

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

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# IMPORTANT SAFETY INSTRUCTIONS

## READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

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 install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments/accessories specified by the manufacturer.
9. 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.
10. 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.



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❑ **NOTE ON USE/HINWEISE ZUM GEBRAUCH/OBSERVATIONS RELATIVES A L'UTILISATION/  
NOTE SULL'USO/NOTAS SOBRE EL USO/ALVORENS TE GEBRUIKEN/OBSERVERA**

WARNINGS	WARNHINWEISE	AVERTISSEMENTS	AVVERTENZE	ADVERTENCIAS	WAARSCHUWINGEN	VARNINGAR
<ul style="list-style-type: none"> <li>• Keep the unit free from moisture, water, and dust.</li> <li>• Do not let foreign objects into the unit.</li> <li>• Do not let insecticides, benzene, and thinner come in contact with the unit.</li> <li>• Never disassemble or modify the unit in any way.</li> <li>• Naked flame sources such as lighted candles should not be placed on the unit.</li> <li>• Do not expose the unit to dripping or splashing fluids.</li> <li>• Do not place objects filled with liquids, such as vases, on the unit.</li> </ul>	<ul style="list-style-type: none"> <li>• Gehen Sie vorsichtig mit dem Netzkabel um. Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen.</li> <li>• Halten Sie das Gerät von Feuchtigkeit, Wasser und Staub fern.</li> <li>• Wenn das Gerät längere Zeit nicht verwendet werden soll, trennen Sie das Netzkabel vom Netzstecker.</li> <li>• Lassen Sie keine fremden Gegenstände in das Gerät kommen.</li> <li>• Lassen Sie das Gerät nicht mit Insektiziden, Benzin oder Verdünnungsmitteln in Berührung kommen.</li> <li>• Versuchen Sie niemals das Gerät auseinander zu nehmen oder zu verändern.</li> <li>• Auf dem Gerät sollten keinerlei direkte Feuerquellen wie beispielsweise angezündete Kerzen aufgestellt werden.</li> <li>• Das Gerät sollte keiner tropfenden oder spritzenden Flüssigkeit ausgesetzt werden.</li> <li>• Auf dem Gerät sollten keine mit Flüssigkeit gefüllten Behälter wie beispielsweise Vasen aufgestellt werden.</li> <li>• Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.</li> <li>• Wenn der Schalter ausgeschaltet ist (OFF-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt.</li> <li>• Das Gerät sollte in der Nähe einer Netzsteckdose aufgestellt werden, damit es leicht an das Stromnetz angeschlossen werden kann.</li> </ul>	<ul style="list-style-type: none"> <li>• Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon.</li> <li>• Protéger l'appareil contre l'humidité, l'eau et la poussière.</li> <li>• Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes.</li> <li>• Ne pas laisser des objets étrangers dans l'appareil.</li> <li>• Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil.</li> <li>• Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre.</li> <li>• Ne jamais placer de flamme nue sur l'appareil, notamment des bougies allumées.</li> <li>• L'appareil ne doit pas être exposé à l'eau ou à l'humidité.</li> <li>• Ne pas poser d'objet contenant du liquide, par exemple un vase, sur l'appareil.</li> <li>• Ne pas manipuler le cordon d'alimentation avec les mains mouillées.</li> <li>• Lorsque l'interrupteur est sur la position OFF, l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS).</li> <li>• L'appareil sera installé près de la source d'alimentation, de sorte que cette dernière soit facilement accessible.</li> </ul>	<ul style="list-style-type: none"> <li>• Maneggiate il cavo di alimentazione con attenzione. Tenete ferma la spina quando scollegate il cavo dalla presa.</li> <li>• Tenete l'unità lontana dall'umidità, dall'acqua e dalla polvere.</li> <li>• Scollegate il cavo di alimentazione quando prevedete di non utilizzare l'unità per un lungo periodo di tempo.</li> <li>• Non inserite corpi estranei all'interno dell'unità.</li> <li>• Assicuratevi che l'unità non entri in contatto con insetticidi, benzolo o solventi.</li> <li>• Non smontate né modificate l'unità in alcun modo.</li> <li>• Non posizionate sull'unità fiamme libere, come ad esempio candele accese.</li> <li>• L'apparecchiatura non deve essere esposta a gocciolii o spruzzi.</li> <li>• Non posizionate sull'unità alcun oggetto contenente liquidi, come ad esempio i vasi.</li> <li>• Non toccare il cavo di alimentazione con le mani bagnate.</li> <li>• Quando l'interruttore è nella posizione OFF, l'apparecchiatura non è completamente scollegata da MAINS.</li> <li>• L'apparecchio va installato in prossimità della fonte di alimentazione, in modo che quest'ultima sia facilmente accessibile.</li> </ul>	<ul style="list-style-type: none"> <li>• Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía.</li> <li>• Mantenga el equipo libre de humedad, agua y polvo.</li> <li>• Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo.</li> <li>• No deje objetos extraños dentro del equipo.</li> <li>• No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.</li> <li>• Nunca desarme o modifique el equipo de ninguna manera.</li> <li>• No deberán colocarse sobre el aparato fuentes inflamables sin protección, como velas encendidas.</li> <li>• No exponer el aparato al goteo o salpicaduras cuando se utilice.</li> <li>• No colocar sobre el aparato objetos llenos de líquido, como jarros.</li> <li>• No maneje el cable de alimentación con las manos mojadas.</li> <li>• Cuando el interruptor está en la posición OFF, el equipo no está completamente desconectado de la alimentación MAINS.</li> <li>• El equipo se instalará cerca de la fuente de alimentación de manera que resulte fácil acceder a ella.</li> </ul>	<ul style="list-style-type: none"> <li>• Hanteer het netsnoer voorzichtig. Houd het snoer bij de stekker vast wanneer deze moet worden aan- of losgekoppeld.</li> <li>• Laat geen vochtigheid, water of stof in het apparaat binnendringen.</li> <li>• Neem altijd het netsnoer uit het stopcontact wanneer het apparaat gedurende een lange periode niet wordt gebruikt.</li> <li>• Laat geen vreemde voorwerpen in dit apparaat vallen.</li> <li>• Voorkom dat insecticiden, benzeen of verfverdunder met dit toestel in contact komen.</li> <li>• Dit toestel mag niet gedemonteerd of aangepast worden.</li> <li>• Plaats geen open vlammen, bijvoorbeeld een brandende kaars, op het apparaat.</li> <li>• Stel het apparaat niet bloot aan druppels of spatten.</li> <li>• Plaats geen voorwerpen gevuld met water, bijvoorbeeld een vaas, op het apparaat.</li> <li>• Raak het netsnoer niet met natte handen aan.</li> <li>• Als de schakelaar op OFF staat, is het apparaat niet volledig losgekoppeld van de netspanning (MAINS).</li> <li>• De apparatuur wordt in de buurt van het stopcontact geïnstalleerd, zodat dit altijd gemakkelijk toegankelijk is.</li> </ul>	<ul style="list-style-type: none"> <li>• Hantera nätkabeln varsamt. Håll i kabeln när den kopplas från el-uttaget.</li> <li>• Utsätt inte apparaten för fukt, vatten och damm.</li> <li>• Koppla loss nätkabeln om apparaten inte kommer att användas i lång tid.</li> <li>• Se till att främmande föremål inte tränger in i apparaten.</li> <li>• Se till att inte insektsmedel på spraybruk, bensen och thinner kommer i kontakt med apparatens hölje.</li> <li>• Ta inte isär apparaten och försök inte bygga om den.</li> <li>• Placera inte öppen eld, t.ex. tända ljus, på apparaten.</li> <li>• Apparaten får inte utsättas för vätska.</li> <li>• Placera inte föremål fyllda med vätska, t.ex. vaser, på apparaten.</li> <li>• Hantera inte nåtalsladd med våta händer.</li> <li>• Även om strömbrytaren står i det avstängda läget OFF, så är utrustningen inte helt bortkopplad från det elektriska nätet (MAINS).</li> <li>• Utrustningen ska vara installerad nära strömuttaget så att strömförsörjningen är lätt att tillgå.</li> </ul>

**•DECLARATION OF CONFORMITY****(English)**

We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards:  
EN55022, EN55024, EN61000-3-2 and EN61000-3-3.  
Following the provisions of EMC Directive 2004/108/EC, the EC regulation 1275/2008 and its frame work Directive 2009/125/EC for Energy-related Products (ErP).

**•ÜBEREINSTIMMUNGSERKLÄRUNG****(Deutsch)**

Wir erklären unter unserer Verantwortung, daß dieses Produkt, auf das sich diese Erklärung bezieht, den folgenden Standards entspricht:  
EN55022, EN55024, EN61000-3-2 und EN61000-3-3.  
Gemäß den Bestimmungen der EMV Richtlinie 2004/108/EG, der Verordnung (EG) Nr. 1275/2008 der Kommission und deren Rahmenrichtlinie 2009/125/EG zu energieverbrauchsrelevanten Produkten (ErP).

**•DECLARATION DE CONFORMITE****(Français)**

Nous déclarons sous notre seule responsabilité que l'appareil, auquel se réfère cette déclaration, est conforme aux standards suivants:  
EN55022, EN55024, EN61000-3-2 et EN61000-3-3.  
Selon la directive CEM 2004/108/EC, la réglementation européenne 1275/2008 et la directive 2009/125/EC établissant un cadre de travail applicable aux produits liés à l'énergie (ErP).

**•DICHIARAZIONE DI CONFORMITÀ****(Italiano)**

Dichiariamo con piena responsabilità che questo prodotto, al quale la nostra dichiarazione si riferisce, è conforme alle seguenti normative:  
EN55022, EN55024, EN61000-3-2 e EN61000-3-3.  
Facendo seguito alle disposizioni della direttiva EMC 2004/108/EC, alla norma EC 1275/2008 e alla relativa legge quadro 2009/125/EC in materia di prodotti alimentati ad energia (ErP).  
QUESTO PRODOTTO E' CONFORME  
AL D.M. 28/08/95 N. 548

**•DECLARACIÓN DE CONFORMIDAD****(Español)**

Declaramos bajo nuestra exclusiva responsabilidad que este producto al que hace referencia esta declaración, está conforme con los siguientes estándares:  
EN55022, EN55024, EN61000-3-2 y EN61000-3-3.  
De acuerdo con la directiva CEM 2004/108/CE, la normativa CE 1275/2008 y su directiva marco 2009/125/EC para productos relacionados con la energía (ErP).

**•EENVORMIGHEIDSVERKLARING****(Nederlands)**

Wij verklaren uitsluitend op onze verantwoordelijkheid dat dit produkt, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen:  
EN55022, EN55024, EN61000-3-2 en EN61000-3-3.  
Volgens de voorzieningen van EMC-richtlijn 2004/108/EC, de EU-richtlijn 1275/2008 en de kaderrichtlijn 2009/125/EC voor energieverbruikende producten (ErP).

**•ÖVERENSSTÄMMELSESINTYG****(Svenska)**

Härmed intygas helt på eget ansvar att denna produkt, vilken detta intyg avser, uppfyller följande standarder:  
EN55022, EN55024, EN61000-3-2 och EN61000-3-3.  
Uppfyller reglerna i EMC-direktivet 2004/108/EC, EU-förordningen 1275/2008 och ramverksdirektivet 2009/125/EC för energirelaterade produkter (ErP).

**D&M Professional Europe**  
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**The Netherlands**

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#### A NOTE ABOUT RECYCLING:

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations.  
When discarding the unit, comply with local rules or regulations.  
Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal.  
This product and the supplied accessories, excluding the batteries, constitute the applicable product according to the WEEE directive.

#### HINWEIS ZUM RECYCLING:

Das Verpackungsmaterial dieses Produktes ist zum Recyceln geeignet und kann wieder verwendet werden. Bitte entsorgen Sie alle Materialien entsprechend der örtlichen Recycling-Vorschriften.  
Beachten Sie bei der Entsorgung des Gerätes die örtlichen Vorschriften und Bestimmungen.  
Die Batterien dürfen nicht in den Hausmüll geworfen oder verbrannt werden; bitte entsorgen Sie die Batterien gemäß der örtlichen Vorschriften.  
Dieses Produkt und das im Lieferumfang enthaltene Zubehör (mit Ausnahme der Batterien!) entsprechen der WEEE-Direktive.

#### UNE REMARQUE CONCERNANT LE RECYCLAGE:

Les matériaux d'emballage de ce produit sont recyclables et peuvent être réutilisés. Veuillez disposer des matériaux conformément aux lois sur le recyclage en vigueur.  
Lorsque vous mettez cet appareil au rebut, respectez les lois ou réglementations en vigueur.  
Les piles ne doivent jamais être jetées ou incinérées, mais mises au rebut conformément aux lois en vigueur sur la mise au rebut des piles.  
Ce produit et les accessoires inclus, à l'exception des piles, sont des produits conformes à la directive DEEE.

#### NOTA RELATIVA AL RICICLAGGIO:

I materiali di imballaggio di questo prodotto sono riutilizzabili e riciclabili. Smaltire i materiali conformemente alle normative locali sul riciclaggio.  
Per lo smaltimento dell'unità, osservare le normative o le leggi locali in vigore.  
Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici.  
Questo prodotto e gli accessori inclusi nell'imballaggio sono applicabili alla direttiva RAEE, ad eccezione delle batterie.

#### ACERCA DEL RECICLAJE:

Los materiales de embalaje de este producto son reciclables y se pueden volver a utilizar. Disponga de estos materiales siguiendo los reglamentos de reciclaje de su localidad.  
Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales.  
Las pilas nunca deberán tirarse ni incinerarse. Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos.  
Este producto junto con los accesorios empaquetados es el producto aplicable a la directiva RAEE excepto pilas.

#### EEN AANTEKENING MET BETREKKING TOT DE RECYCLING:

Het inpakmateriaal van dit product is recycleerbaar en kan opnieuw gebruikt worden. Er wordt verzocht om zich van elk afvalmateriaal te ontdoen volgens de plaatselijke voorschriften.  
Volg voor het wegdoen van de speler de voorschriften voor de verwijdering van wit- en bruingoed op.  
Batterijen mogen nooit worden weggegooid of verbrand, maar moeten volgens de plaatselijke voorschriften betreffende chemisch afval worden verwijderd.  
Op dit product en de meegeleverde accessoires, m.u.v. de batterijen is de richtlijn voor afgedankte elektrische en elektronische apparaten (WEEE) van toepassing.

#### OBSERVERA ANGÅENDE ÅTERVINNING:

Produktens emballage är återvinningsbart och kan återanvändas. Kassera det enligt lokala återvinningsbestämmelser.  
När du kasserar enheten ska du göra det i överensstämmelse med lokala regler och bestämmelser.  
Batterier får absolut inte kastas i soporna eller brännas. Kassera dem enligt lokala bestämmelser för kemiskt avfall.  
Denna apparat och de tillbehör som levereras med den uppfyller gällande WEEE-direktiv, med undantag av batterierna.



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# Before use

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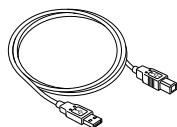
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## Accessories

Check that the following parts are supplied with the product.

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• MC2000 Resource disc.....	1
• DJ software (Serato DJ Intro) .....	1
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②



### NOTE

Conduction noise or interference noise may cause the unit to malfunction. Therefore, when connecting this device to a computer, connect using the USB cable included.

## About this manual

### ☐ Symbols



This symbol indicates a reference page on which related information is described.



This symbol indicates a supplementary information and tips for operations.

### NOTE

This symbol indicates points to remember operations or function limitations.

### ☐ Illustrations

Note that the illustrations in these instructions are for explanation purposes and may differ from the actual unit.

## Features

### 1. Reliable design

- Adopted high-grade steel cabinet and self-lighting buttons.
- Equipped with line input that can be connected to a device such as a CD player etc. (☞ page 10).

### 2. USB MIDI controller

- Equipped with a physical controller function that controls DJ software.
- Simple, easy to understand design layout that provides optimum control of SERATO DJ INTRO.
- Equipped with a touch sense function compatible jog wheel.
- Equipped with large CUE/PLAY buttons that can be pressed easily.
- Equipped with the SYNC button that can immediately synchronize beats for two decks.
- Separate FX controls for individual decks.

### 3. USB AUDIO interface

- High sound quality design that supports sampling frequency of 48 kHz.
- Supports USB audio input (stereo 2 inputs)
- Supplied with ASIO drivers for low latency (☞ page 6).

### 4. Others

- Equipped with a microphone input terminal.
- Supports USB bus power. Can be used simply by connecting this device to a computer using a USB cable.
- Compact sides provide a useful, easy-to-carry design.
- Supplied with DJ software (SERATO DJ INTRO)

In the following cases, this unit may not operate by USB bus power supply:

- USB power supply capacity on the computer is lower than what is specified.
- Other USB devices are connected to the computer.
- Headphones with impedance less than 40 Ω are connected to this unit.



## Cautions on handling

### • About condensation

If there is a major difference in temperature between the inside of the unit and the surroundings, condensation (dew) may form on the operating parts inside the unit, causing the unit not to operate properly.

If this happens, let the unit sit for an hour or two with the power turned off and wait until there is little difference in temperature before using the unit.

### • Cautions on using mobile phones

Using a mobile phone near this unit may result in noise. If that occurs, move the mobile phone away from this unit when it is in use.

### • About care

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

This is a class B electronic device.

This product is designed for residential or home use. However, radio interference may occur when it is used near equipment that receives radio or television signals.

Be sure to follow the instructions in the owner's manual and use the device correctly.

VCCI-B

# Connections

## NOTE

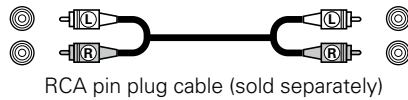
- Do not connect this device to the PC using the USB cable until all other connections with external devices are completed.
- When making connections, also refer to the operating instructions of the other components.
- Insert the plugs securely. Loose connections will result in abnormal and undesired operation.
- Be sure to connect the left and right channels properly (left with left, right with right).
- Connect the cables to the correct input and output terminals.
- Do not bundle the USB cable together with connection cables to other external devices. Doing so will result in the generation of noise.

## Preparations

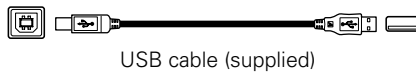
### Cables used for connection

Select the cables according to the equipment being connected.

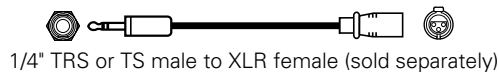
#### ▣ For RCA input/output terminals



#### ▣ For USB terminal

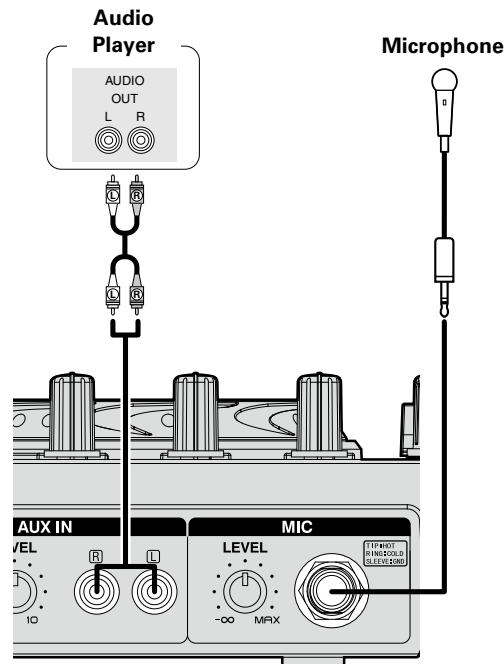


#### ▣ For microphone input



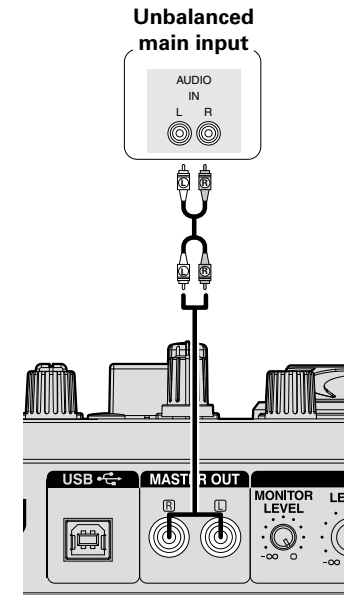
## Input terminal connection

### Connecting a microphone/external devices



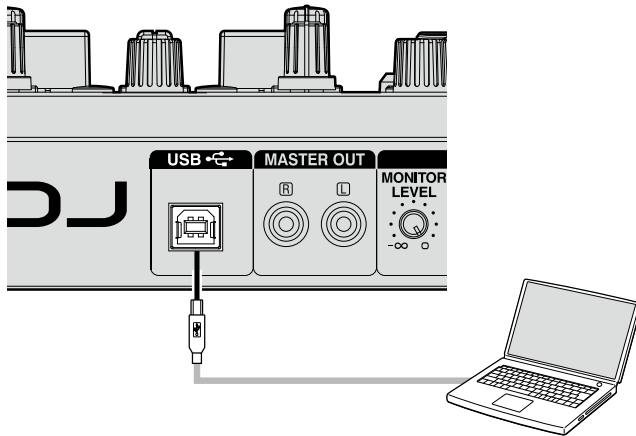
## Output terminal connections

### Outputting to an amplifier/powerd speakers and recording devices



## Connecting to a computer

Use the supplied USB cable to connect the unit with a computer so that USB MIDI and USB AUDIO signals can be sent and received.



### ❑ Automatic driver installation

When you connect this unit to a computer for the first time or change USB connections on the computer, a message “Installing device driver software” may appear on the bottom right of the screen. Wait until a message “Your new hardware is installed and ready to use” appears.

- For Mac OS, the unit can be used immediately after connecting.

### ❑ Compatible computers

- Computers running the following computer OS versions can be connected to this unit.
  - Mac OS X 10.6 or later
  - Windows XP SP3 or later (32 Bit only)
  - Windows Vista SP2 or later (32 or 64 Bit)
  - Windows 7 SP1 or later (32 or 64 Bit)

Computers running other OS versions may not be compatible with the USB MIDI. For this reason, such computers may function abnormally after connecting by USB to this unit.

- Mac, Mac OS is a registered trademark or trademark of Apple Inc. in the United States and/or other countries.
- Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

# Installing and setting up supplied software

## Installing the ASIO driver (Windows only)

If you're using this product with a MAC please proceed directly to page 9.

Use the following steps to install the supplied ASIO drivers. When installing or uninstalling the driver software, the administrative authorization of the computer is required. Log on as an administrator of the computer, and execute the installation.

The supplied ASIO drivers are for the exclusive use on DENON DJ controllers. Available on DN-MC6000/MC3000/MC2000 models.

• When using a Mac, no installation is required.

### 1 Insert the supplied “MC2000 Resource Disc” into the computer.

The browse screen for the disc drive is displayed.

- If the browse screen is not displayed, click the disc drive on My Computer.

### 2 Click “Asio Driver Installation”.

The ASIO Driver Setup Wizard is launched.

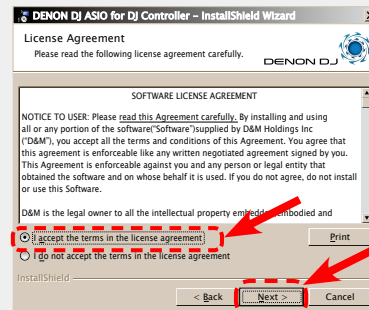
Click “Next >”.



### 3 The license agreement screen appears. If you agree, select “I accept the terms in the license agreement”.

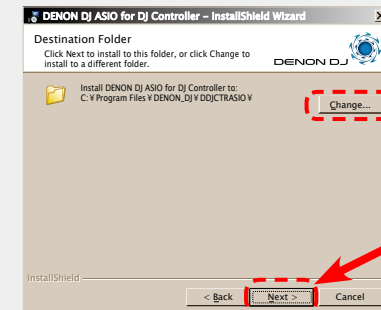
The “Next >” can now be selected.

Click “Next >”.



### 4 A screen for verifying the folder in which the ASIO driver is to be installed appears. Click “Next >”.

Click “Next >”.



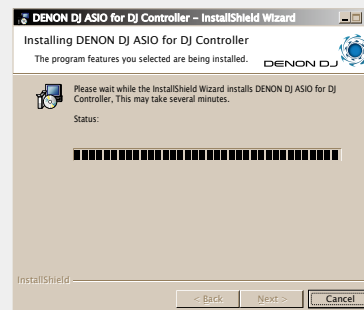
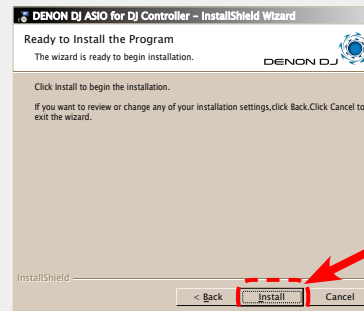
By default, the ASIO driver is installed in “C:\Program Files\DENON\_ DJ\DDJCTRASIO\”.

To change this location, click “Change” and select a different folder.

- 5** A screen for verifying whether or not to create a desktop shortcut appears. To create a shortcut, check the check box and click “Next >”.



- 6** The installation start screen is displayed. Click “Install”. Installation begins.



- 7** When the following installation completion screen is displayed, click “Finish”.



## Uninstalling

The software can be uninstalled from control panel on the computer.

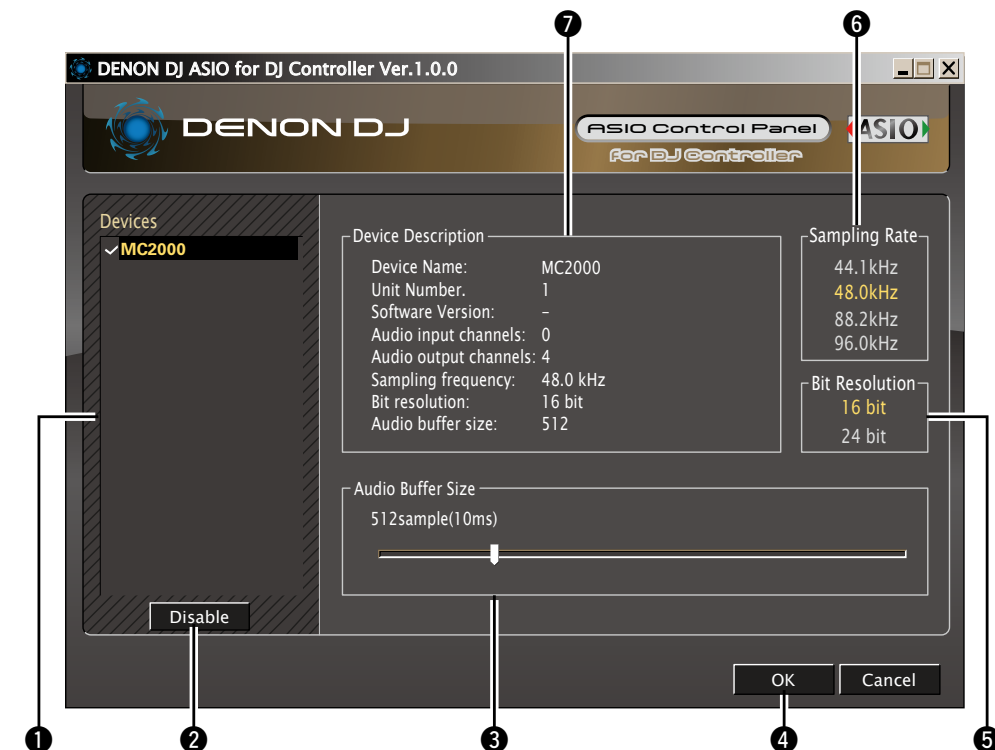
### NOTE

- When installing this software on Windows XP, the “Install Software” screen may appear during the installation. If this occurs, click “Continue” to continue the installation.
- When installing this software on Windows 7, the “User Account Control” screen may appear. If this occurs, click “Yes” to continue the installation.
- When installing this software on Windows 7, the “Windows Security” screen may appear. If this occurs, click “Install” to continue the installation.

## Starting up

When the DENON DJ ASIO driver “ASIO Control Panel” is opened from the DJ software or desktop icon, the MC2000 appears in the ASIO Control Panel.

## About the control panel screen



When using the DJ software, close this control panel screen.

### 1 Devices (Device list)

This window is used for automatically displaying all connected DENON DJ devices in a list. (Example: MC2000)

- When you select a device you want to set from this list, the current settings of the selected device appear in a window 7 (“Device Description”).
- If you double-click a device, the ASIO device status is switched from “Enable” to “Disable” or vice versa.
- **ASIO device status**

**Enable** : A check mark appears on the left side of a device name and the name is highlighted (bold).

**Disable** : The check mark on the left side of a device name is removed and the device name is displayed in lightface.



- You can select one device at a time.
- You can set multiple devices to enable at the same time.

### 2 Enable/Disable

This button is used for switching a device selected in 1 (Devices) to enable or disable as an ASIO device.

- When only one device is connected to the computer, “Enable” is always selected.



The ASIO device status can also be switched by double-clicking the device name displayed in 1 (Devices).

### 3 Audio Buffer Size

Use this slider to adjust the buffer size.

#### NOTE

- The range of values is 88 to 2048 (sample units), in steps of 1 sample.
- When you set multiple devices to enable as ASIO devices, the same setting values apply to all ASIO devices.

### 4 OK/Cancel

**OK:**

Use this button to close the ASIO control panel, reflecting the changes to the settings.

**Cancel:**

Use this button to close the ASIO control panel without reflecting the changes to the settings.

### 5 Bit Resolution

Selected bit resolution is displayed.

### 6 Sampling Rate

The sampling rate selection is displayed here. The frequencies with which the DENON DJ ASIO driver is compatible are as follows:

- 44.1 kHz/48 kHz/88.2 kHz/96 kHz
- This device only supports 48 kHz.

### 7 Device Description

This is the area in which information for the device selected in the device information list is displayed.

The following are displayed:

- Device Name
- Unit Number
- Software Version (not available with this model)
- Audio input channels
- Audio output channels
- Sampling frequency
- Bit resolution (quantization bit rate)
- Audio buffer size

#### NOTE

If the device’s information cannot be acquired, “-” (hyphens) are displayed for all items.

# Installing SERATO DJ INTRO

Use the following steps to install the DJ software “SERATO DJ INTRO” in the supplied disc.

## Installation onto a Mac computer

### 1 Insert Disc “SERATO DJ INTRO” into your computer.

The SERATO DJ INTRO disc icon is displayed on the desktop.

### 2 Double-click the SERATO DJ INTRO disc icon.

Files contained in the SERATO DJ INTRO are displayed for browsing.

### 3 Double-click “SERATO DJ INTRO”.

A window opens and the SERATO DJ INTRO installation starts.

### 4 Follow each step in the installation screen for installation.

If the following screen is displayed, drag and drop “Serato Dj Intro” icon to the application folder.



### 5 When the installation completes, close the installation screen.



- It is recommended that you use the latest version of the SERATO DJ INTRO software.
- For information about how to use the DJ software, see the instruction manual for the DJ software or the help menu.
- SERATO DJ INTRO is a SERATO software. To install and use the software, you have to accept the software license agreement.
- D&M shall not be responsible for any problems with your computer and other software that may arise from the installation and use of SERATO DJ INTRO.

## Installation onto a Windows computer

### 1 Insert Disc “SERATO DJ INTRO” into your computer.

The install screen for SERATO DJ INTRO is displayed.



- If the screen does not appear, double-click the disc drive in My Computer or setup.exe in the Disc.

### 2 Click “Run Installer”.

A window opens and the SERATO DJ INTRO installation starts.

### 3 Follow each step in the installation screen for installation.

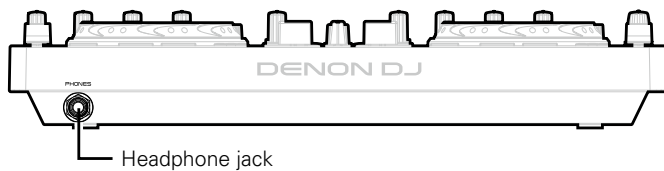
### 4 When the installation completes, close the installation screen.



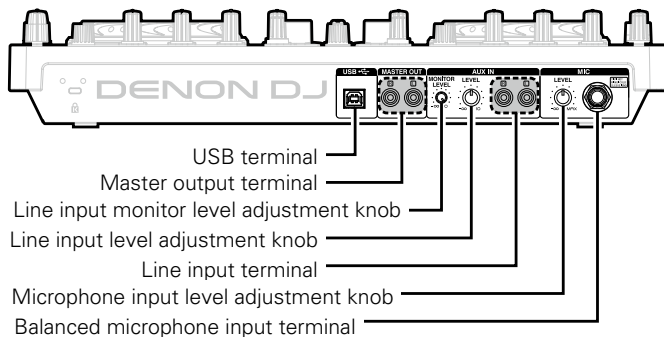
- It is recommended that you use the latest version of the SERATO DJ INTRO software.
- For information about how to use the DJ software, see the instruction manual for the DJ software or the help menu.
- SERATO DJ INTRO is a SERATO software. To install and use the software, you have to accept the software license agreement.
- D&M shall not be responsible for any problems with your computer and other software that may arise from the installation and use of SERATO DJ INTRO.

# Basic operation

## Front panel



## Rear panel



This section describes operations of the unit without using the DJ software.

- For information about how to operate the DJ software, see the instruction manual for the DJ software or the help menu.
- For information about the buttons on the unit for operating the DJ software and their functions, see 17 – 19 pages.

## Basic operation

### Turning the power on

**Connected to this unit and a PC with a USB cable.**

Top panel lights, and the power switches on.

### Turning the power off

**Unplug the USB cable.**

Top panel goes out, and the power switches off.

#### NOTE

There is no function on this device for automatically switching off the power supply when the unit is not used for a prolonged period. If you do not intend to use this device for a prolonged period, for safety remove the USB cable from the PC.

## Microphone input

### Adjusting the microphone input level

Before turning the power on, make sure that your microphone plug is already inserted in the Balanced microphone input terminal.

**Turn MIC LEVEL.**

## Line input

### Adjusting the line input level

Before turning the power on, make sure that your external devices are already inserted in the Line input terminal and Master output terminal.

**Turn AUX IN LEVEL.**

## Headphone monitor

Before turning the power on, make sure that your headphone plug is already inserted in the Headphone jack.

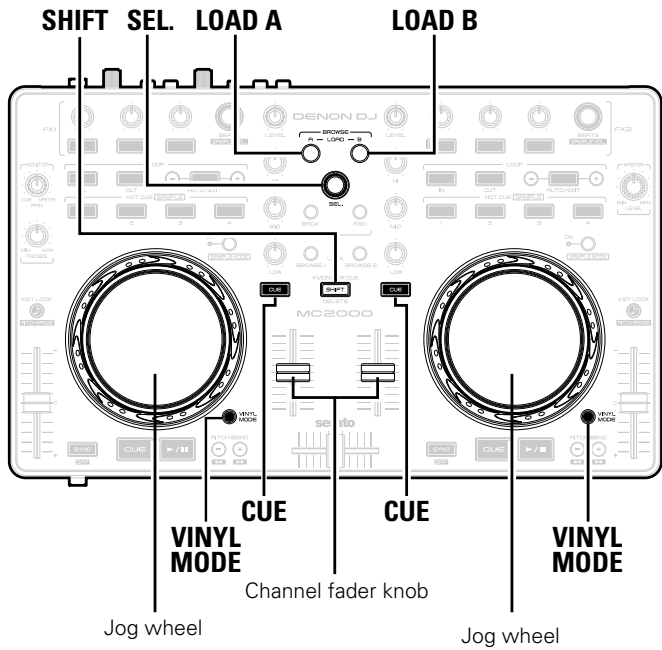
**Turn AUX IN MONITOR LEVEL.**

#### NOTE

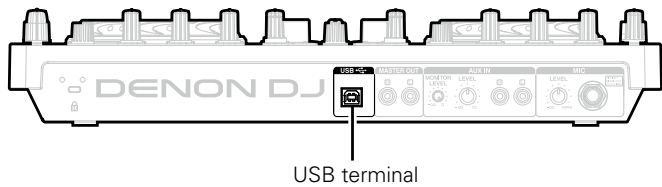
- When using headphones, be careful not to turn the volume too high.
- Microphone input sound is not output from the headphone jack.



**Top panel**



**Rear panel**



# Adjusting the sensitivity of the touch sensor

The sensitivity of the touch sensor for the jog wheel can be set in 9 different steps (-4 - 0 - +4).

- “-4” is the lowest sensitivity, and “+4” is the highest sensitivity.
- The default setting is “0”.

**1 Connect this device to the PC using the USB cable, hold down LOAD A, LOAD B and SHIFT together, and connect the USB cable.**  
After the top panel start up display has completed, the buttons light according to the current sensitivity.

**2 Press CUE, and switch the jog wheel that you want to adjust.**  
CUE lights on the selected jog wheel side.

**3 Turn SEL. to adjust the sensitivity.**  
The button lights according to the set sensitivity.

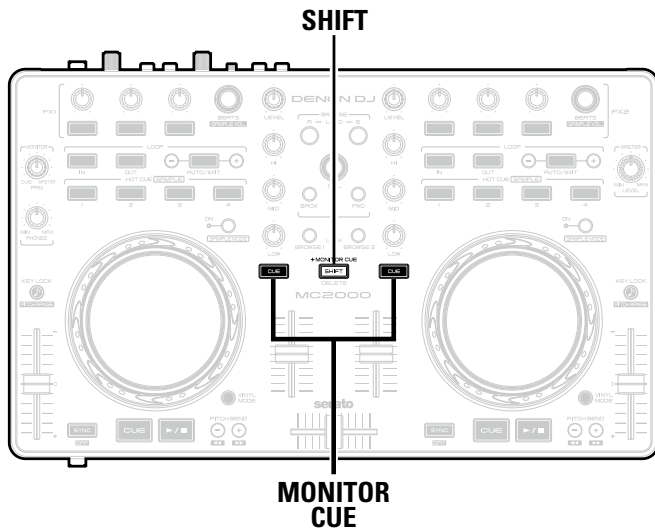
Buttons	HOT CUE1	HOT CUE2	HOT CUE3	LOOP IN	LOOP OUT	AUTO	FX1/ 2-1	FX1/ 2-2	FX1/ 2-3
Sensitivity	-4	-3	-2	-1	0	1	2	3	4

• **VINYL MODE** lights when a touch is detected by the jog wheel on the adjusted DECK side.

**4 Press SEL.**  
The adjusted sensitivity is saved.

**5 Press SHIFT.**  
The mode switches back from the sensitivity adjustment mode to the normal mode.

## Top panel



## SHIFT lock function

Various functions can be used by holding down **SHIFT** and pressing other buttons. By using the SHIFT Lock function, however, it is possible to use the same functions that are accessed by holding down **SHIFT** without needing to hold down **SHIFT**.

### Locking SHIFT

**Hold down SHIFT and press either one of the MONITOR CUE buttons on the left or right of SHIFT.**

The LOCK display lights indicating **SHIFT** is locked.

### Cancelling SHIFT lock

**While SHIFT is locked, hold down SHIFT and press either one of the MONITOR CUE buttons on the left or right of SHIFT.**

The LOCK LED turns off and **SHIFT** lock is cancelled.

## USB settings

### USB AUDIO Input

This device is equipped with a sound card function that enables a maximum of 2 channels (stereo, 2 input) of USB AUDIO input. Further, the DJ software mixer output is output from the master output terminal or headphone terminal of this device.

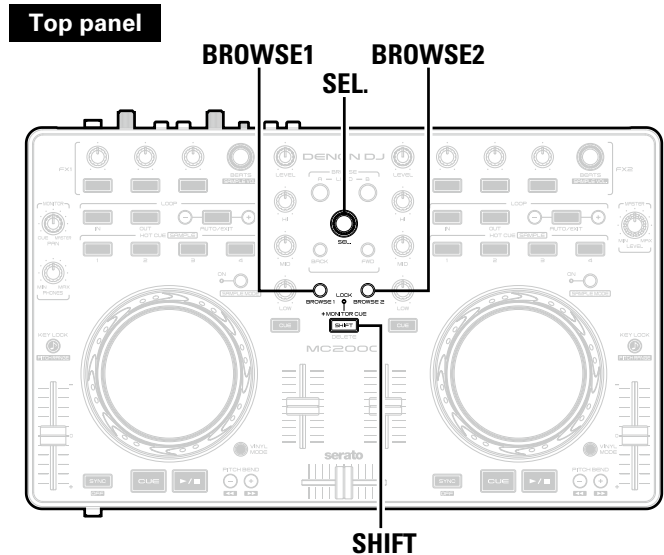
- **USB 1/2 channel input** → DJ software master
- **USB 3/4 channel input** → DJ software cue monitor

# MIDI command input/output

This unit is equipped with a USB MIDI command input/output function. This function enables the unit to control the DJ software in the computer, and lights the main unit display (LEDs).

- If **SERATO DJ INTRO** is used normally, there is no need to switch MIDI command settings or the MIDI channel. Doing so may cause undesired operation or no operation at all. Other DJ software can be customized to match the MIDI commands of this device, and can then be controlled by this device.

Most of the controls in this device support the MIDI control function.



The following buttons and switches do not support MIDI output.

- **MIC LEVEL**
- **AUX IN LEVEL**
- **AUX IN MONITOR LEVEL**

## Setting the MIDI command transmission interval time

Depending on the computer specifications and OS type, the computer may not be able to receive the MIDI commands transmitted from this unit correctly.

In this case, use the following operation to set the MIDI command transmission interval time to a suitable value.

**1 Hold down BROWSE 1, BROWSE 2 and SHIFT together while plugging in the USB cable.**

After the start up display has completed, the device switches to the setting mode for the MIDI command transmission interval time.

**2 Turn SEL.**

Specifications are as shown below.

LEFT DECK	HOT CUE1	HOT CUE2	HOT CUE3	HOT CUE4	LOOP IN	LOOP OUT	AUTO	FX1-1	FX1-2	FX1-3
Interval time [ms]	-	-	3	4	5	6	7	8	9	10
RIGHT DECK	HOT CUE1	HOT CUE2	HOT CUE3	HOT CUE4	LOOP IN	LOOP OUT	AUTO	FX2-1	FX2-2	FX2-3
Interval time [ms]	11	12	13	14	15	16	17	18	19	20

- The factory setting is 4 msec.

**3 Press SEL.**

The MIDI command transmission interval time is entered.

**4 Press SHIFT.**

The settings are completed, and unit exits the setting mode.

## MIDI command list

### Send command

	Items	MIDI command				
		Command	Number	Value		
1	MONITOR CUE (LEFT CH)	SW ON : 0x9n SW OFF : 0x8n	0x01	1	C#-1	SW ON : 0x40 SW OFF : 0x00
2	VINYL MODE		0x04	4	E-1	
3	MONITOR CUE (RIGHT CH)		0x05	5	F-1	
4	KEY LOCK		0x06	6	F#-1	
5	BEND +		0x0C	12	C0	
6	BEND -		0x0D	13	C#0	
7	FX1-2 SW		0x12	18	F#0	
8	FX1-3 SW		0x13	19	G0	
9	FX1-1 SW		0x15	21	A0	
10	HOT CUE1		0x17	23	B0	
11	HOT CUE2		0x18	24	C1	
12	HOT CUE3		0x19	25	C#1	
13	SAMPLES		0x1A	26	D1	
14	HOT CUE4		0x20	32	G#1	
15	SAMPLES1 (LEFT)		0x21	33	A1	
16	SAMPLES2 (LEFT)		0x22	34	A#1	
17	SAMPLES3 (LEFT)		0x23	35	B1	
18	SAMPLES4 (LEFT)		0x24	36	C2	
19	AUTO		0x1D	29	F1	
20	TRACK SELECT KNOB SW		0x28	40	E2	
21	FWD		0x29	41	F2	
22	BCK		0x30	48	C3	
23	SAMPLES1 (RIGHT)		0x31	49	C#3	
24	SAMPLES2(RIGHT)		0x32	50	D3	
25	SAMPLES3 (RIGHT)		0x33	51	D#3	
26	SAMPLES4 (RIGHT)		0x34	52	E3	
27	LOOP IN		0x37	55	G3	
28	LOOP OUT		0x39	57	A3	
29	BEATS (LEFT)		0x40	64	E4	
30	BEATS (RIGHT)		0x41	65	F4	
31	CUE		0x42	66	F#4	
32	PLAY		0x43	67	G4	
33	JOG WHEEL TOUCH (VINYL MODE = ON)		0x51	81	A5	
34	JOG WHEEL TOUCH (VINYL MODE = OFF)		0x56	86	D6	
35	JOG WHEEL TOUCH (JW LOCK is enabled)		0x57	87	D#6	
36	FX2-2 SW		0x52	82	A#5	
37	FX2-3 SW		0x53	83	B5	
38	FX2-1 SW		0x55	85	C#6	
39	SHIFT		0x60	96	C7	
40	LOAD A		0x62	98	D7	
41	LOAD B		0x63	99	D#7	
42	FILES		0x64	100	E7	
43	PREPARE		0x67	103	G7	
44	LOOP CUT -		0x69	105	A7	
45	LOOP CUT +		0x6A	106	A#7	
46	SYNC		0x6B	107	B7	

	Items	MIDI command			Value
		Command	Number		
47	JOG WHEEL FWD/REV (VINYL MODE = ON)	0xBn	0x51	81	Reverse 0x3F~0x01 Foward 0x41~0x7F slow->fast ※ relative data
48	JOG WHEEL FWD/REV (VINYL MODE = OFF)	0xBn	0x52	82	Reverse 0x3F~0x01 Foward 0x41~0x7F slow->fast ※ relative data
49	JOG WHEEL FWD/REV (JW LOCK is Enabled)		0x53	83	Reverse 0x3F~0x01 Foward 0x41~0x7F slow->fast ※ relative data
50	TRACK SELECT KNOB Increment/Decrement		0x54	84	Increment 0x01 Decrement 0x7F
51	FX1-1 KNOB Increment/Decrement		0x55	85	
52	FX1-2 KNOB Increment/Decrement		0x56	86	
53	FX1-3 KNOB Increment/Decrement		0x57	87	
54	BEATS KNOB (FX1) Increment/Decrement		0x58	88	
55	FX2-1 KNOB Increment/Decrement		0x59	89	
56	FX2-2 KNOB Increment/Decrement		0x5A	90	
57	FX2-3 KNOB Increment/Decrement		0x5B	91	
58	BEATS KNOB (FX2) Increment/Decrement		0x5C	92	
59	INPUT LEVEL (LEFT CH)		0x01	1	
60	EQ HIGH VR (LEFT CH)		0x02	2	
61	EQ MID VR (LEFT CH)	0xBn	0x03	3	
62	EQ LOW VR (LEFT CH)		0x04	4	
63	CHANNEL FADER (L)		0x05	5	
64	INPUT LEVEL (LEFT2 CH)		0x07	7	
65	EQ HIGH VR (LEFT2 CH)		0x08	8	
66	EQ MID VR (LEFT2 CH)		0x09	9	
67	EQ LOW VR (LEFT2 CH)		0x0A	10	
68	CHANNEL FADER (L2)		0x0B	11	
69	INPUT LEVEL (RIGHT CH)		0x0C	12	
70	EQ HIGH VR (RIGHT CH)		0x0D	13	
71	EQ MID VR (RIGHT CH)		0x0E	14	
72	EQ LOW VR (RIGHT CH)		0x0F	15	
73	CHANNEL FADER (R)		0x10	16	
74	INPUT LEVEL (RIGHT2 CH)		0x11	17	
75	EQ HIGH VR (RIGHT2 CH)		0x12	18	
76	EQ MID VR (RIGHT2 CH)		0x13	19	
77	EQ LOW VR (RIGHT2 CH)		0x14	20	
78	CHANNEL FADER (R2)		0x15	21	
79	CROSS FADER		0x16	22	
80	MASTER VR		0x19	41	
81	MONITOR PAN		0x43	67	
82	PHONES		0x44	68	
83	Pitch Slider	0xEn	0x11(LSB)	0x11(LSB)	0xmm(MSB)

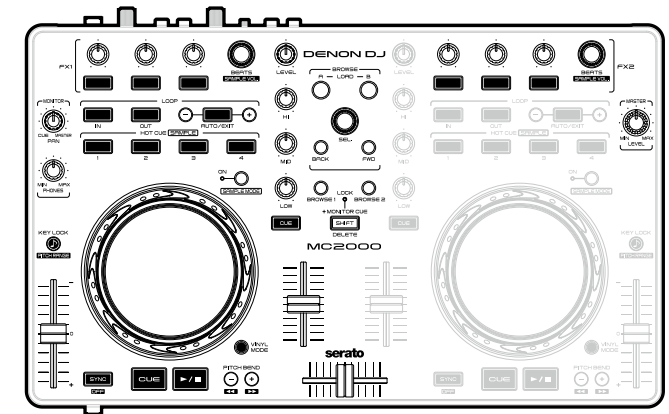
※ n=MIDI CH = 0~1

## □ Reception commands

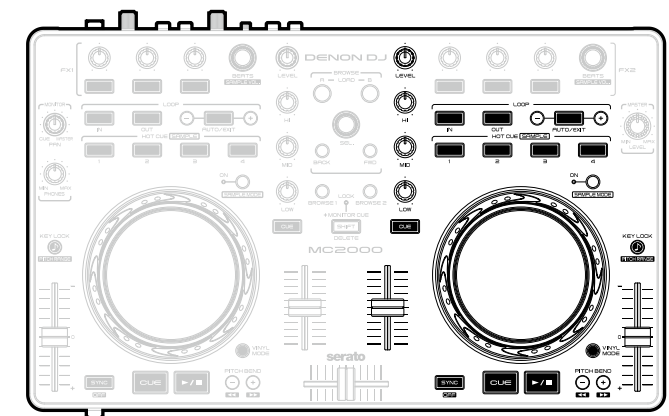
	Items (Lit display (LED))	MIDI command				
		Command	Number			
1	SHIFT LOCK	0xBn	ON TRG : 0x4A OFF TRG : 0x4B Blink ON TRG : 0x4C	0x02	2	
2	VINYL MODE			0x06	6	
3	KEY LOCK			0x08	8	
4	SYNC			0x09	9	
5	CUE1			0x11	17	
6	CUE2			0x13	19	
7	CUE3			0x15	21	
8	CUE4			0x17	23	
9	SAMP.1 (LEFT)			0x19	25	
10	SAMP.2 (LEFT)			0x1B	27	
11	SAMP.3 (LEFT)			0x1D	29	
12	SAMP.4 (LEFT)			0x20	32	
13	SAMPLES (LEFT)			0x23	35	
14	SAMP.1 (RIGHT)			0x41	65	
15	SAMP.2 (RIGHT)			0x43	67	
16	SAMP.3 (RIGHT)			0x45	69	
17	SAMP.4 (RIGHT)			0x47	71	
18	SAMPLES (RIGHT)			0x49	73	
19	CUE			0x26	38	
20	PLAY			0x27	55	
21	LOOP IN			0x24	36	
22	LOOP OUT			0x40	64	
23	AUTO LOOP			0x2B	43	
24	FX1-1			0x5C	92	
25	FX1-2			0x5D	93	
26	FX1-3			0x5E	94	
27	FX2-1			0x60	96	
28	FX2-2			0x61	97	
29	FX2-3			0x62	98	
30	ALL SLIDER/VOLUME/FADER REQUEST			0x4A	0x39	57
31	MONITOR CUE (LEFT CH)			ON TRG: 0x50	0x45	69
32	MONITOR CUE (RIGHTCH)			OFF TRG: 0x51	0x51	81

※ n=MIDI CH = 0~1

## Range of MIDI CH1



## Range of MIDI CH2



Before use

Connections

Installing and setting up  
supplied softwareBasic  
operations

USB settings

Part names and  
functions

Troubleshooting

Specifications

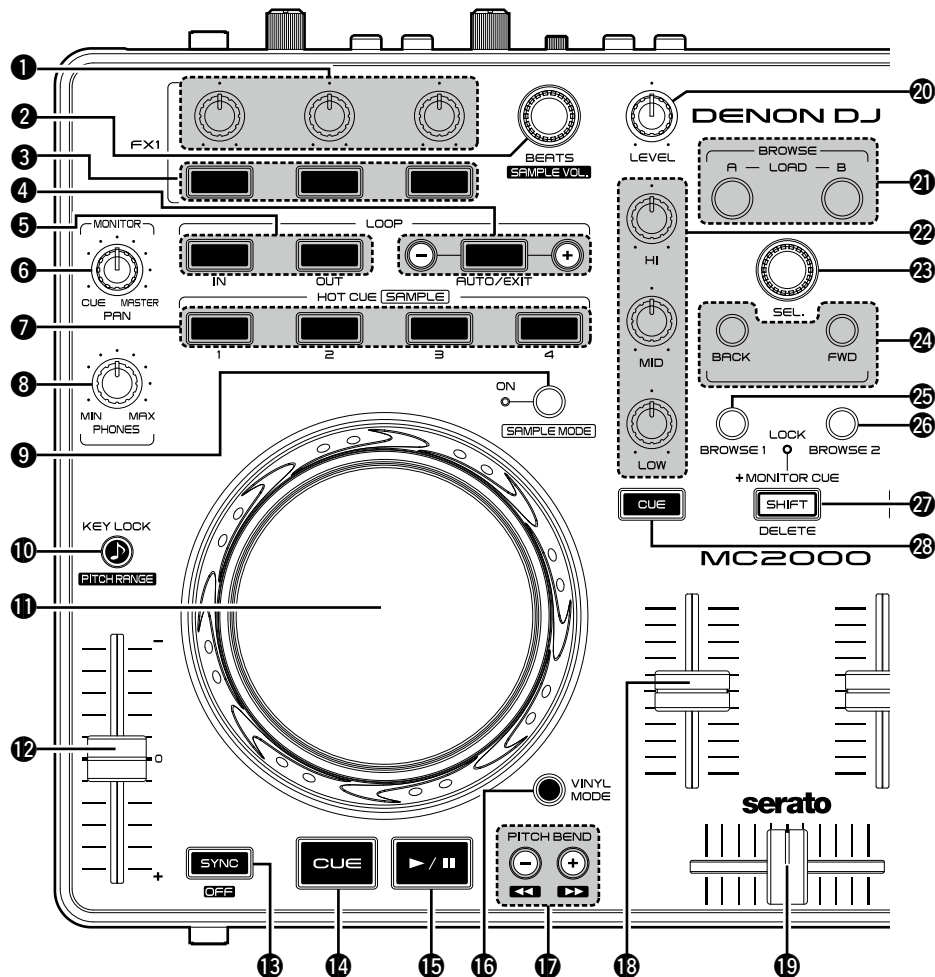
Index

Signal system chart

# Part names and functions

## Top panel

The top panel is explained for SERATO DJ INTRO. Operations of the top panel only operate the DJ software and do not control audio input/output. For buttons not explained here, see the page indicated in parentheses ( ).



### 1 Effects adjustment knob (1/2/3)

Adjusts the effect balance.

### 2 Beats select/Sample volume knob

Turn the knob to select the effect beats, and press the knob to set beats manually.

#### Turn the beats select knob:

Selects the effect beats.

#### Press the beats select knob:

Press the knob repeatedly, and the BPM value is measured as the interval between presses.

- Hold down **27** **SHIFT** and turn this knob to control sample volume.
- Hold down this knob more than 1 second to restore the beat.

### 3 Effects ON/OFF switch button (1/2/3)

Switches the effects ON/OFF.

### 4 Auto loop/exit and loop size adjustment buttons (AUTO LOOP/EXIT -/+)

- **AUTO LOOP/EXIT** switches auto loop ON/OFF.
- Use **-/+** to adjust the loop size.

### 5 Loop point setting button (IN/OUT)

Sets the loop in point and loop out point.

- Press this button during loop playback to fine adjust the loop point.

### 6 PAN adjustment knob (MONITOR PAN)

Adjusts the balance between the cue output from the headphones and master volume.

### 7 Hot cue button (1/2/3/4)

The following operations differ depending on whether **9 SAMPLE MODE** are ON or OFF.

- **OFF**: Sets CUE 1 – 4 points or cue playback.
  - Hold down **27** **SHIFT** and press this button to delete each of the cue point settings.
- **ON**: Plays back the sample slot. If the sample is currently being played, playback is started again from the start of the sample.
  - Hold down **27** **SHIFT** and press this button to stop playing the sample slot.

### 8 Headphone output volume adjustment knob (MONITOR PHONES)

Adjusts the volume output to the headphones.

### 9 Sample mode switching button (SAMPLE MODE)

**OFF**: Switches to the hot cue mode.

**HOT CUE 1 – 4** are used to operate the hot cues.

**ON**: Switches to the sample mode.

**HOT CUE 1 – 4** are used to operate the sample player.

### 10 Key lock button (KEY LOCK)

With this ON, the key does not change even if you adjust the tempo during playback.

- Hold down **27** **SHIFT** and press this button to change the key adjustment range.

### 11 Jog wheel..... (11)

Performs the search operation or bend operation.

- Hold down **27** **SHIFT** and press this button to fast search.

### 12 Pitch fader slider

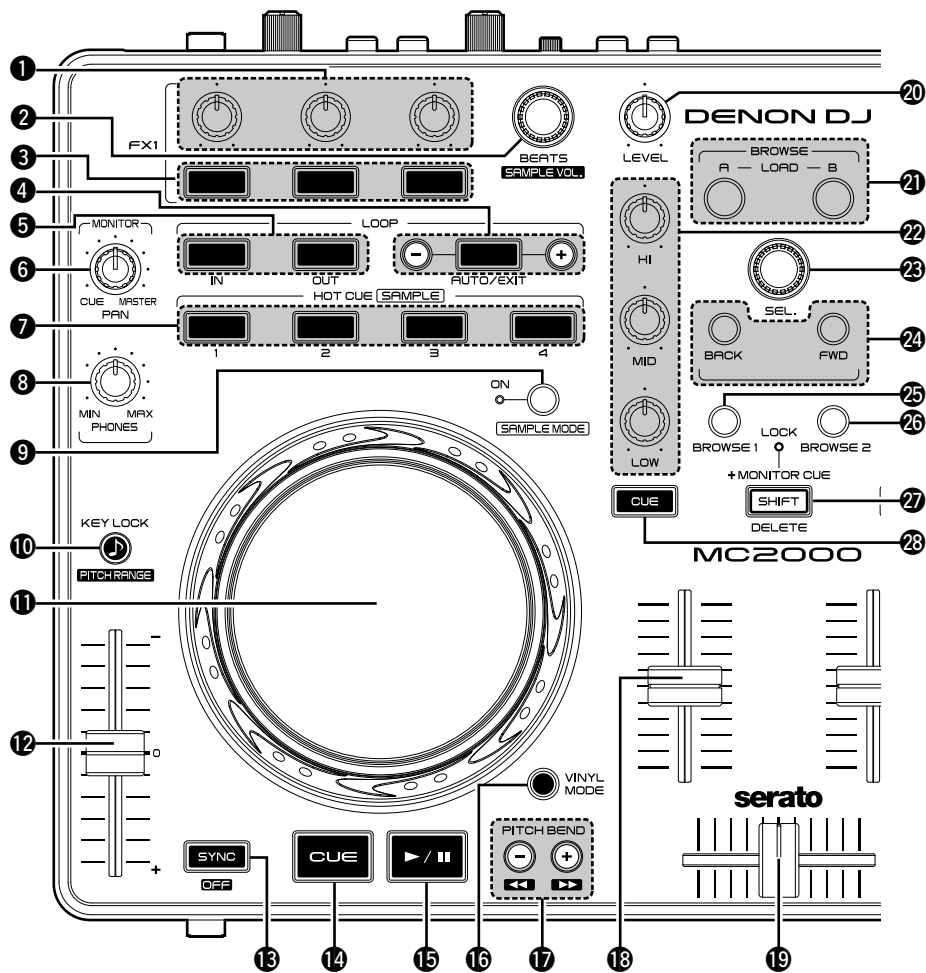
Adjusts the playback pitch.

- Move the knob toward the “-” direction to slow down the pitch and the “+” direction to speed up the pitch.

### 13 Beat sync button (SYNC)

Performs auto beat matching.

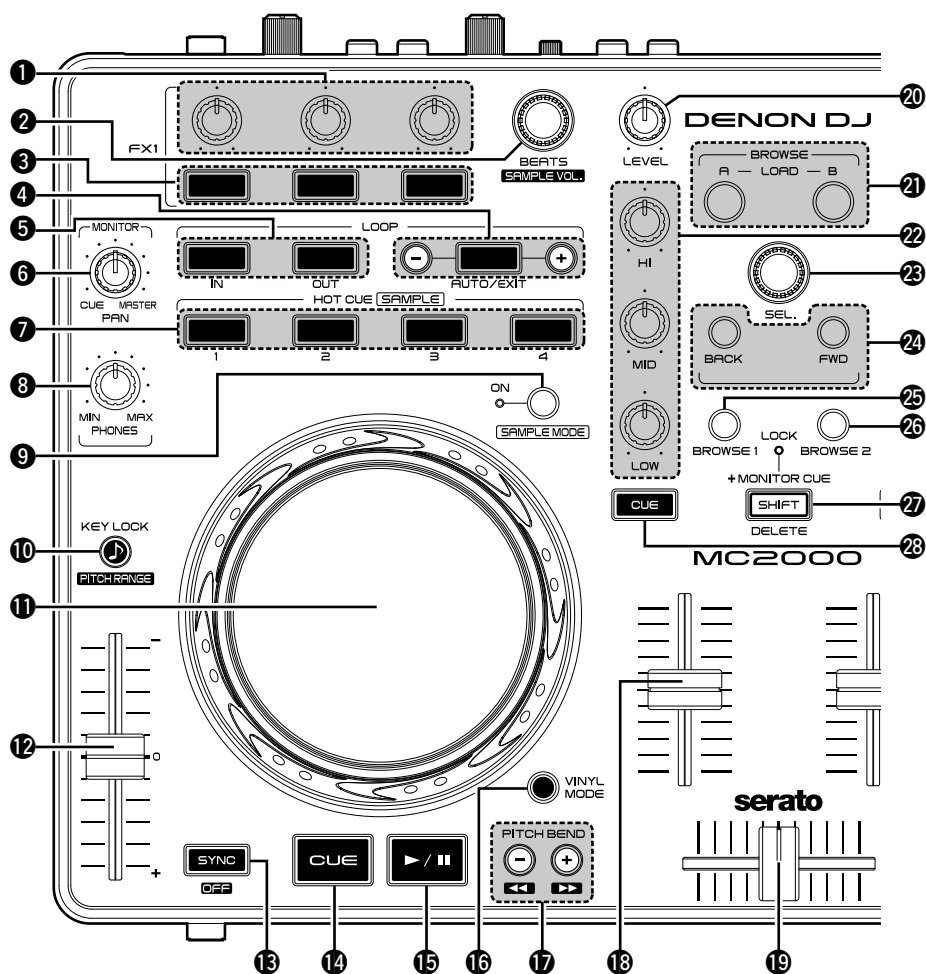
- Hold **27** **SHIFT** and press this button to exit the beat matching.



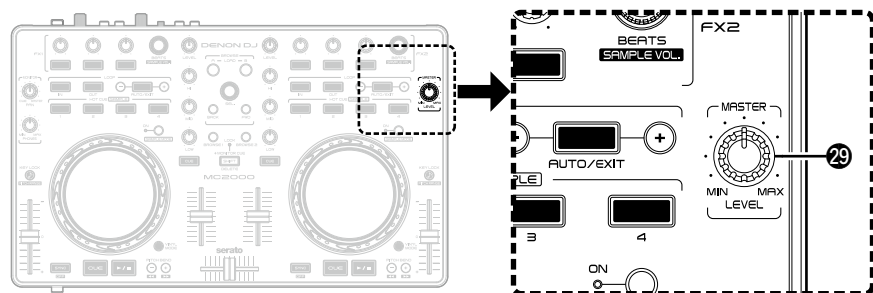
- 14 Cue button (CUE)** ..... (11)  
Sets the cue point and stutters the cue point when pushed repeatedly.
- 15 Play/pause button (▶||)**  
Plays back when pressed while playback is stopped. Pauses playback when pressed during playback.
- 16 VINYL switching button (VINYL MODE)**  
**ON:** Switches to VINYL mode.
  - The touch sensor is enabled when in VINYL mode.**OFF:** Switches to BEND mode.
  - The touch sensor is disabled when in BEND mode.
- 17 Pitch bend adjustment buttons (PITCH BEND -/+)**  
Adjust the pitch temporarily.
  - Hold down **27 SHIFT** and press this button to fast forward/rewind.
- 18 Channel fader knob**  
Adjusts the mixing level for each deck.
- 19 Crossfader knob**  
Adjusts the output balance of the channel level.

- 20 Channel input level adjustment knob (LEVEL)**
- 21 Load button (LOAD A, LOAD B)**  
Loads the file selected using **23 SEL.** to either DECK A or DECK B.
  - Press this button twice quickly to load the same file as one on the other deck.
- 22 Channel isolator EQ adjustment knob (HI/MID/LOW)**  
Adjusts the input signal frequency response for each channel.
  - Turn to the left to cut the sound at the HI/MID/LOW frequency band (isolator function).
- 23 Track selection knob (SEL.)**  
Turn the knob to scroll through the browser list, and press the knob to select a file.
  - Turn the track selection knob:** Scrolls through the browser list.
  - Press the track selection knob:** Switch the focus of browser.



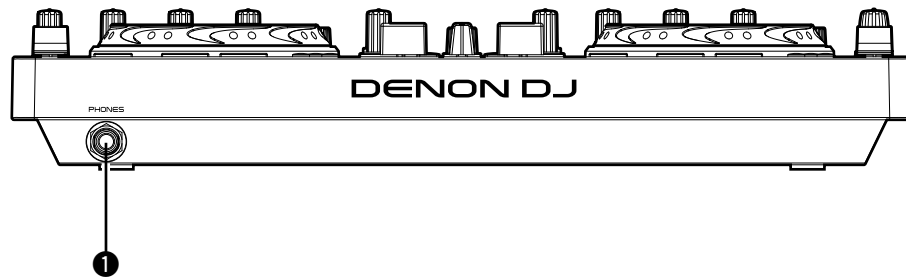


- 24 Window switch button (BACK/FWD)**  
Move the cursor.
- 25 BROWSE 1 button (BROWSE 1)**  
Not used in SERATO DJ INTRO operation.
- 26 BROWSE 2 button (BROWSE 2)**  
Not used in SERATO DJ INTRO operation.
- 27 SHIFT button (SHIFT)**
- 28 MONITOR CUE button (MONITOR CUE)**  
The source of the channel selected using **MONITOR CUE** is mixed with the monitor, and output to the headphones.
  - Hold down **27 SHIFT** and press this button to lock the SHIFT function. The LOCK display lights (SHIFT lock function).
- 29 Master output volume adjustment knob (MASTER LEVEL)**  
Adjusts the volume output from the master output terminal.



## Front panel

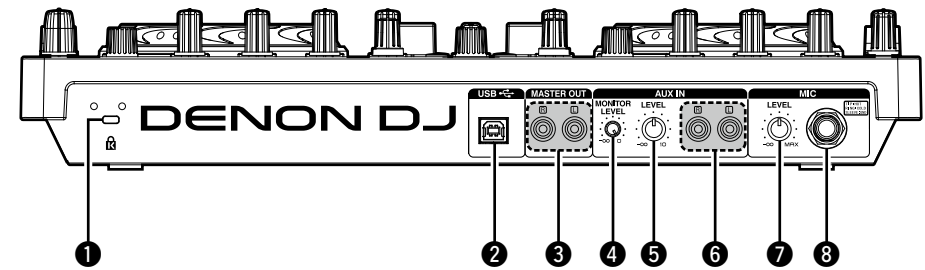
For buttons not explained here, see the page indicated in parentheses ( ).



- ① Headphone jack (PHONES) ..... (10)

## Rear panel

For buttons not explained here, see the page indicated in parentheses ( ).



- ① Theft protection lock hole  
Connect to an anti-theft wire.
- ② USB terminal (USB)
- ③ Master output terminal (MASTER OUT) ..... (10)
- ④ Line input monitor level adjustment knob (AUX IN MONITOR LEVEL) ..... (10)  
Adjusts the volume of the input line to be output from the headphone jack.
- ⑤ Line input level adjustment knob (AUX IN LEVEL) ..... (10)  
Adjusts the volume of the input line to be output from the master output terminal.
- ⑥ AUX IN input terminal (AUX IN) ..... (10)
- ⑦ Microphone input level adjustment knob (MIC LEVEL) ..... (10)
- ⑧ Balanced microphone input terminal (MIC) ..... (10)

# Troubleshooting

If a problem should arise, first check the following:

**1. Are the connections correct?**

**2. Is the set being operated as described in this owner's manual?**

**3. Is the external device (player or effects processor) operating correctly?**

If this unit does not operate properly, check the items listed in the table below.

If the symptom is not covered on the check list, contact your dealer or service centers.

Service centers are listed at <http://www.d-pro.com> or <http://www.denondj.com>.

Symptom	Cause/Solution	Page
Power does not turn on.	<ul style="list-style-type: none"> <li>Check that the USB cable is correctly connected to this device and the computer.</li> </ul>	5
There is no sound, or the sound is too quiet.	<ul style="list-style-type: none"> <li>Check the connections for all devices.</li> </ul>	4
	<ul style="list-style-type: none"> <li>Please note that audio from the microphone input is not output from the headphone jack.</li> </ul>	10
The sound is distorted.	<ul style="list-style-type: none"> <li>Adjust the master output volume adjustment knob.</li> </ul>	20
	<ul style="list-style-type: none"> <li>Adjust the headphone output volume adjustment knob.</li> </ul>	20
	<ul style="list-style-type: none"> <li>Adjust the microphone input level adjustment knob.</li> </ul>	20
	<ul style="list-style-type: none"> <li>Adjust the line input level adjustment knob.</li> </ul>	20
This unit does not operate properly, or there is no sound.	<ul style="list-style-type: none"> <li>Check the connections for all devices.</li> </ul>	4
	<ul style="list-style-type: none"> <li>Check that the volume settings for the connected devices and DJ software on the computer are properly adjusted.</li> </ul>	-
	<ul style="list-style-type: none"> <li>Match the settings on the unit to those on DJ software.</li> </ul>	5
	<ul style="list-style-type: none"> <li>WAV files become mixed if the sampling frequency and bit number are different. Depending on the audio application used, WAV files that have different sampling frequencies or bit numbers cannot be played simultaneously.</li> </ul>	-
	<ul style="list-style-type: none"> <li>When other USB devices are connected to the computer, connect only the unit to the computer and check if this works.</li> </ul>	-
Sound cuts out or is distorted.	<ul style="list-style-type: none"> <li>Exit any other applications.</li> </ul>	-
	<ul style="list-style-type: none"> <li>When multiple WAV files are played back simultaneously, the playback sound may cut out depending on the computer specifications. Try playing back 1 WAV file.</li> </ul>	-

# Specifications

<input type="checkbox"/> <b>Audio</b>	(0dBu = 0.775 Vrms, 0dBV = 1 Vrms)
• <b>LINE inputs</b>	1 Stereo Unbalanced RCA terminal
<b>Input impedance:</b>	10 kΩ
<b>Level:</b>	0 dBV
<b>Signal to Noise ratio:</b>	Over 82 dB
• <b>Microphone inputs</b>	1 Monaural
<b>Microphone :</b>	Balanced 1/4 in. TRS terminal (Tip: hot, Ring: cold, Sleeve: ground)
<b>Input impedance:</b>	10 kΩ
<b>Level:</b>	-48 – -20 dBu (Unity = -40 dBu)
• <b>USB AUDIO inputs</b>	2 Stereo (4 Monaural) 16 bit, Fs: 48 kHz USB B
• <b>MASTER output</b>	
<b>Unbalanced:</b>	Stereo RCA terminal
<b>Load impedance:</b>	10 kΩ
<b>Level:</b>	2.55 dBV (Max +10dBV)
<b>Frequency response:</b>	20 Hz – 20 kHz (±1 dB)
<b>THD:</b>	Less than 0.05 %
<b>Crosstalk:</b>	Less than -85 dB (1 kHz)
• <b>Headphone output</b>	Stereo 1/4 in. (1 mm)
<b>Load impedance:</b>	40 Ω
<b>Level:</b>	Over 50 mW
<input type="checkbox"/> <b>General</b>	
<b>USB MIDI input/output:</b>	IN: 1 ch, OUT: 1 ch MIDI 1.0, USB B
<b>Channel fader:</b>	45 mm slim type fader
<b>Crossfader:</b>	45 mm fader
<b>Power supply voltage:</b>	5 V (USB Bus Power)
<b>Power consumption:</b>	500 mA
<b>Operating temperature:</b>	+5 °C – +35 °C
<b>Operating humidity:</b>	25 % – 85% (no condensation)
<b>Storage temperature:</b>	-20 °C – +60 °C

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

Before use

Connections

Installing and setting up supplied software

Basic operations

USB settings

Part names and functions

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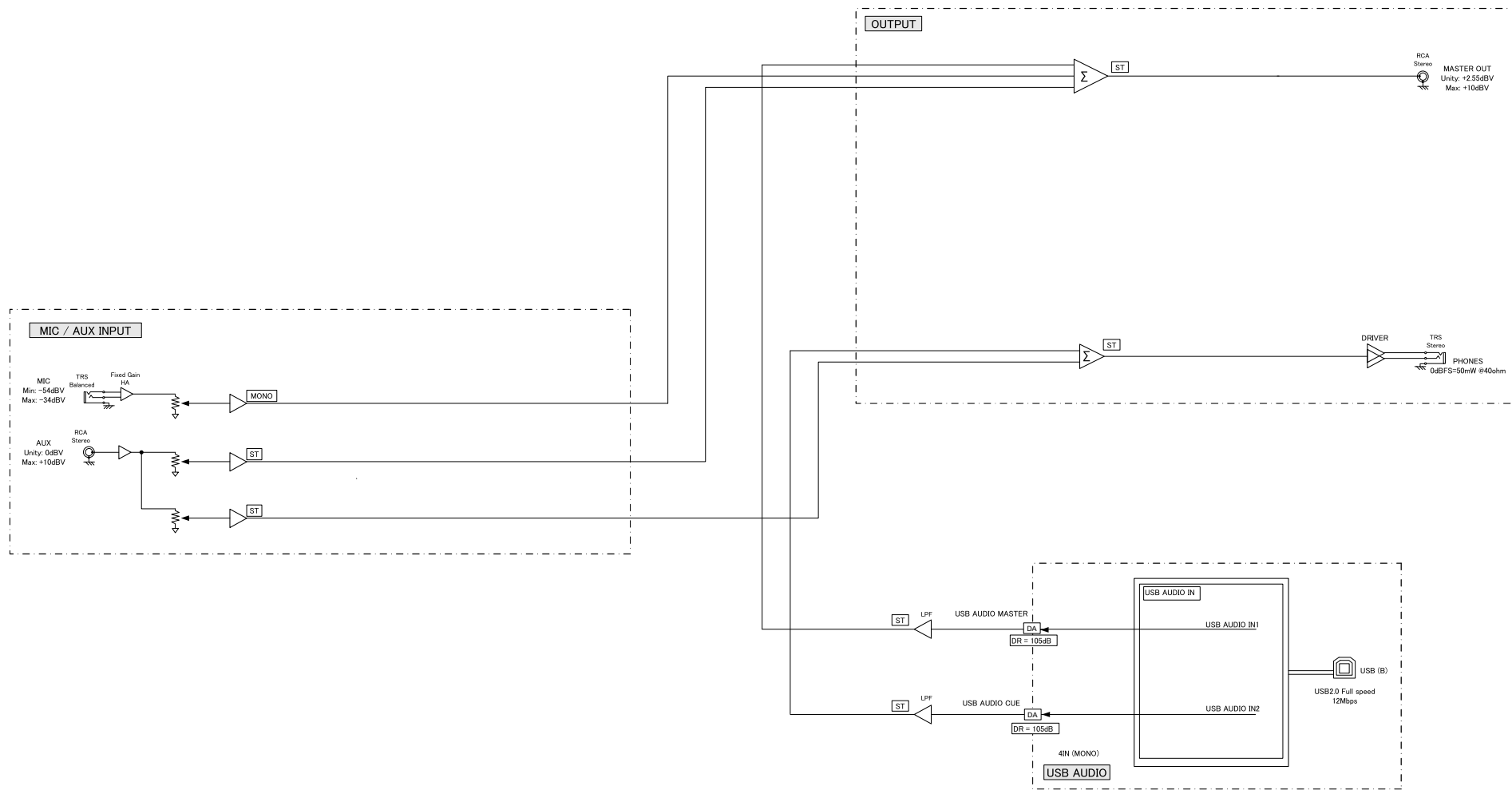
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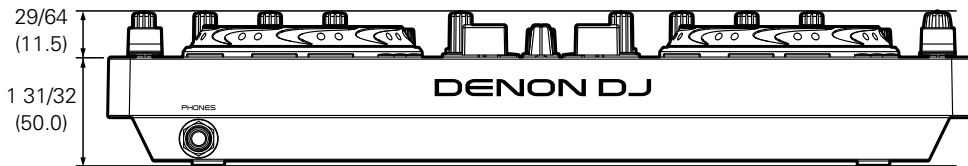
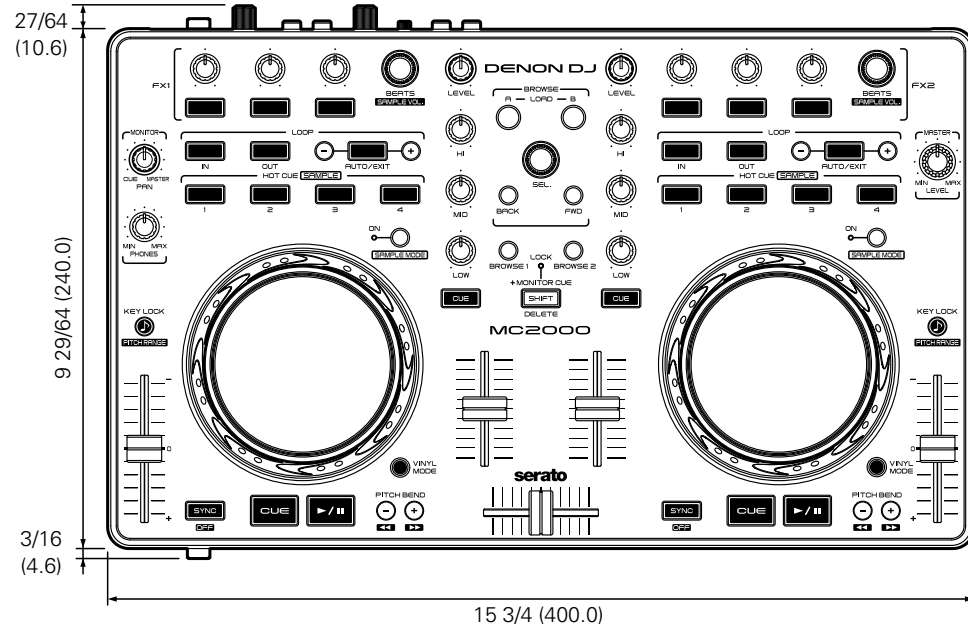
# Signal system chart



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<b>Signal system chart</b>

## Dimensions

Unit: in. (mm)



Weight: 5 lbs 15 1/4 oz (2.7 kg)

# D&M Holdings Inc.