

# DENON

**Dual Digital Media Player**

# **DN-D4500MK2**

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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.**

### **CAUTION:**

**USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. THIS PRODUCT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.**

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

### **1. PRODUCT**

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.

### **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.

# 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.
15. This product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.



## □ Laser Class

(IEC60825-1:2007)

**CLASS 1 LASER PRODUCT**

**LUOKAN 1 LASERLAITE**

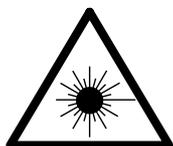
**KLASS 1 LASERAPPARAT**

“CLASS 1  
LASER PRODUCT”

**ADVARSEL: USYNLIG LASERSTRÅLING VED ÅBNING, NÅR  
SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION.  
UNDGÅ UDSAETTEELSE FOR STRÅLING.**

**VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ  
KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA  
ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1  
YLITTÄVÄLLE NÄKYMÄMTTÖMÄLLE LASERSÄTEILYLLE.**

**WARNING: OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN I DENNA  
BRUKSANVISNING SPECIFICERATS, KAN ANVÄNDAREN  
UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING SOM  
ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.**



ATTENZIONE: QUESTO APPARECCHIO E' DOTATO DI DISPOSITIVO OTTICO CON RAGGIO LASER.  
L'USO IMPROPRIO DELL'APPARECCHIO PUO' CAUSARE PERICOLOSE ESPOSIZIONI A RADIAZIONI!

## CAUTION

### 1. Handle the power supply cord carefully

Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

### 2. Do not open the rear cover

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

### 3. 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. DN-D4500MK2

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

## **WARNINGS**

- Handle the power cord carefully. Hold the plug when unplugging the cord.
- Keep the unit free from moisture, water, and dust.
- Unplug the power cord when not using the unit for long periods of time.
- Do not obstruct the ventilation holes.
- Do not let foreign objects into the unit.
- Do not let insecticides, benzene, and thinner come in contact with the unit.
- Never disassemble or modify the unit in any way.
- Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths or curtains.
- Naked flame sources such as lighted candles should not be placed on the unit.
- Do not expose the unit to dripping or splashing fluids.
- Do not place objects filled with liquids, such as vases, on the unit.
- Do not handle the mains cord with wet hands.
- When the switch is in the OFF position, the equipment is not completely switched off from MAINS.
- The equipment shall be installed near the power supply so that the power supply is easily accessible.

## • 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:

EN60065, EN55013, EN55020, EN61000-3-2 and EN61000-3-3.

Following the provisions of Low Voltage Directive 2006/95/EC and 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:

EN60065, EN55013, EN55020, EN61000-3-2 und EN61000-3-3.

Gemäß den Bestimmungen der Niederspannungsrichtlinie 2006/95/EG und 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:

EN60065, EN55013, EN55020, EN61000-3-2 et EN61000-3-3.

Selon la directive 2006/95/EC concernant la basse tension et 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:

EN60065, EN55013, EN55020, EN61000-3-2 e EN61000-3-3.

Facendo seguito alle disposizioni della direttiva sul basso voltaggio 2006/95/EC alla 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:

EN60065, EN55013, EN55020, EN61000-3-2 y EN61000-3-3.

De acuerdo con la directiva sobre baja tensión 2006/95/CE y la directiva sobre 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:

EN60065, EN55013, EN55020, EN61000-3-2 en EN61000-3-3.

Volgens de voorzieningen van lage spanningsrichtlijn 2006/95/EC en 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:

EN60065, EN55013, EN55020, EN61000-3-2 och EN61000-3-3.

Uppfyller reglerna i lågspänningsdirektivet 2006/95/EC och EMC-direktivet 2004/108/EC, EU-förordningen 1275/2008 och ramverksdirektivet 2009/125/EC för energirelaterade produkter (ErP).

**D&M Professional Europe**  
**A division of D&M Europe B.V.**  
**Beemdstraat 11**  
**5653 MA Eindhoven**  
**The Netherlands**

**CAUTION:****(English)**

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.

The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

**VORSICHT:****(Deutsch)**

Um dieses Gerät vollständig von der Stromversorgung abzutrennen, trennen Sie bitte den Netzstecker von der Wandsteckdose ab.

Die Hauptstecker werden verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein.

**PRECAUTION:****(Français)**

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale.

La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement.

**ATTENZIONE:****(Italiano)**

Per scollegare definitivamente questo prodotto dalla rete di alimentazione elettrica, togliere la spina dalla relativa presa.

La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente.

**PRECAUCIÓN:****(Español)**

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.

El enchufe de la alimentación se utiliza para interrumpir por completo el suministro de alimentación a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

**VOORZICHTIGHEID:****(Nederlands)**

Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken.

De netstekker wordt gebruikt om de stroomtoevoer naar het toestel volledig te onderbreken en moet voor de gebruiker gemakkelijk bereikbaar zijn.

**FÖRSIKTIHETSMÅTT:****(Svenska)**

Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet.

Stickproppen används för att helt bryta strömförsörjningen till apparaten, och den måste vara lättillgänglig för användaren.



### **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.



**Pb**

# Getting started

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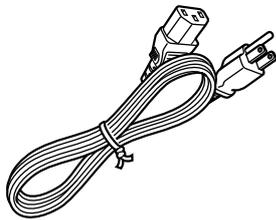


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# Accessories

Check that the following parts are supplied with the product.

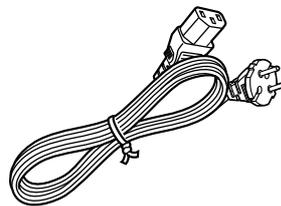
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U.S.A and  
Canada models

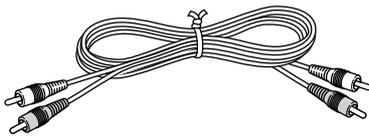
③

or

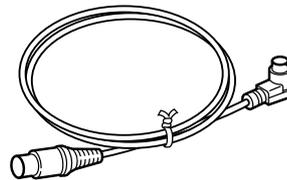


European, U.K and Asia/  
Pacific models

④



⑤



# 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.

# Main features

The DN-D4500MK2 is a Dual Digital Media Player equipped with a variety of functions and high performance characteristics, specifically designed for Mobile and Club DJ's around the world.

## Control section

- 1. The DN-D4500MK2 can be easily mounted on a standard 19-inch rack.**
- 2. Improved visibility under low lighting conditions thanks to a large fluorescent display, back-lit illuminated action buttons and illuminated disc trays.**
- 3. Improved interface operation thanks to a large jog/Shuttle wheel and track select knob.**

## Functions

- 1. Shockproof function protecting against external vibrations**
- 2. Auto Level Search / Instant Start**
- 3. Pitch / Pitch Bend & Key Adjust**
- 4. MP3/USB Playback**

It is possible to play MP3 files created in the specified format found on page 14. Files can be searched for easily, by either manually scanning, or by using a number of file search functions (File search, File/Folder search, Artist name search, Title name search, File name search).

- 5. Seamless Loop**

Playback can be looped between any two points in a track without any break in the audio. Two loop start points (A-1 and A-2) can be set anywhere within the track or disc.

## **6. Hot Start / Stutter**

Playback can be started instantaneously from points A-1 and A-2. In the stutter mode, these same buttons play momentary audio while pressed and held down.

## **7. Brake**

## **8. Relay Play**

When this mode is set, CD1 and CD2 start their playback alternately. This unit can relay the playback of CD1 and CD2 every track or every disc.

## **9. Power on Play**

The player can be set so that playback in the relay mode starts when the power is turned on.

## **10. Fader Start**

The DN-D4500MK2 FADER START controls are compatible with various Denon DJ mixers and other mixers on the market.

## **11. Auto Disc Tray Close System**

## **12. Preset functions - Different presets can be changed according to your needs.**

## **13. Custom Setting Memory**

## **14. USB memory device Audio playback function**

## **15. CD TEXT / MP3 ID3 Tag name display**

## **16. CD-R / RW Playback**

This player can play CD-R/RW discs, but only if they are finalized.

### **NOTE**

However that depending on the recording quality, the player may not be able to play some finalized CD-R/RW discs.



# Cautions on handling

- **Before turning the power switch on**

Check once again that all connections are correct and that there are no problems with the connection cables.

- Power is supplied to some of the circuitry even when the unit is set to the standby mode. When going on vacation or leaving home for long periods of time, be sure to unplug the power cord from the power outlet.

- **Proper ventilation**

If the unit is left in a smoke-filled environment for long periods of time, the surface of the optical pickup may get dirty, preventing it from receiving signals properly.

- **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.

- **Moving the unit**

- Please remove any discs from both trays of the drive unit before transport.
- Turn off the power and unplug the power cord from the power outlet. Next, disconnect the connection cables to other system units before moving the unit.

- **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.

# Discs

## Discs playable on this unit

### ① Music CDs

Discs marked with the logo at right can be played in this unit.



### ② CD-R/CD-RW

#### NOTE

- Discs in special shapes (heartshaped discs, octagonal discs, etc.) cannot be played. Do not attempt to play them, as doing so can damage the unit.
- Some discs and some recording formats cannot be played.
- Non-finalized discs cannot be played.

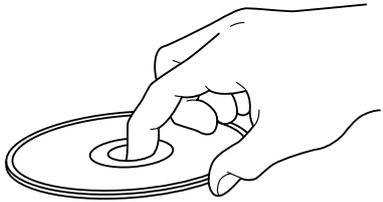


#### \* What is finalization?

Finalization is the process that makes recorded CD-R/CD-RW discs playable on compatible players.

## Holding discs

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Do not touch the signal surface.

## Loading discs

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- Only load one disc at a time. Loading two or more discs can damage the unit or scratch the discs.
- When the disc is drawn into the unit, be careful not to trap your fingers.
- Do not insert anything other than discs into the disc loading slot.
- Do not use cracked or warped discs or discs that have been repaired with adhesive, etc.
- Do not use discs on which the sticky part of cellophane tape or labels is exposed or on which there are traces of where labels have been removed. Such discs can get caught inside the player and damage it.
- If the label side of the disc is dirty, wipe it clean before use. If the disc loading/ejection roller becomes dirty, discs may not load or eject correctly.

## Cautions on loading discs

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- Do not get fingerprints, oil or dirt on discs.
- Take special care not to scratch discs when removing them from their cases.
- Do not bend or heat discs.
- Do not enlarge the hole in the center.
- Do not write on the labeled (printed) surface with ball-point pens, pencils, etc., or stick new labels on discs.
- Water droplets may form on discs if they are moved suddenly from a cold place (outdoors for example) to a warm place, but do not try to dry them off using a hair-dryer, etc.

## Cautions on storing discs

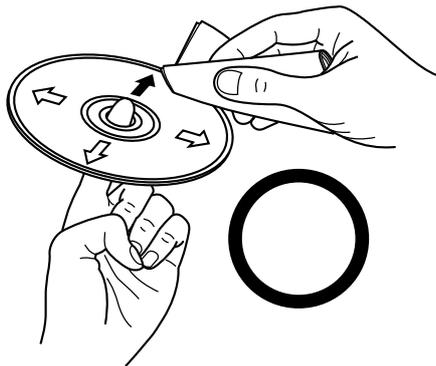
---

- Be sure to remove discs after using them.
- Be sure to store discs in their cases to protect them from dust, scratches, warping, etc.
- Do not store discs in the following places:
  - Places exposed to direct sunlight for long periods of time
  - Dusty or humid places
  - Places exposed to heat from heaters, etc.

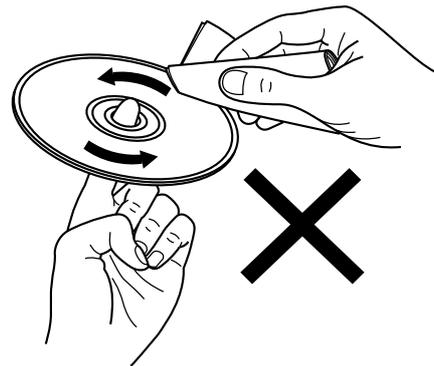
## Cleaning discs

---

- If there are fingerprints or dirt on a disc, wipe them off before using the disc. Fingerprints and dirt can impair sound quality and cause interruptions in playback.
- Use a commercially available disc cleaning set or a soft cloth to clean discs.



Gently wipe the disc from the inside towards the outside.



Do not wipe in a circular motion.

### NOTE

Do not use record spray, antistatic agents, benzene, thinner or other solvents.

# Supported media and files

The following media and files can be played back on this unit.

## Supported media

### Disc

Disc type : CD, CD-R, CD-RW, CD-ROM  
Format : CD-DA (CD-TEXT compatible),  
CD-ROM (ISO9660/Joliet format/Romeo format)

### USB memory device

Media type : FLASH DRIVE, HDD  
Format : FAT16/FAT32

#### NOTE

- When a multisession disc is used, the more sessions there are, the more time will be required to read the disc.
- The maximum capacity of USB memory devices and HDDs you can use is 2 TB.
- This unit cannot format USB memory devices or HDDs.

## Playable files

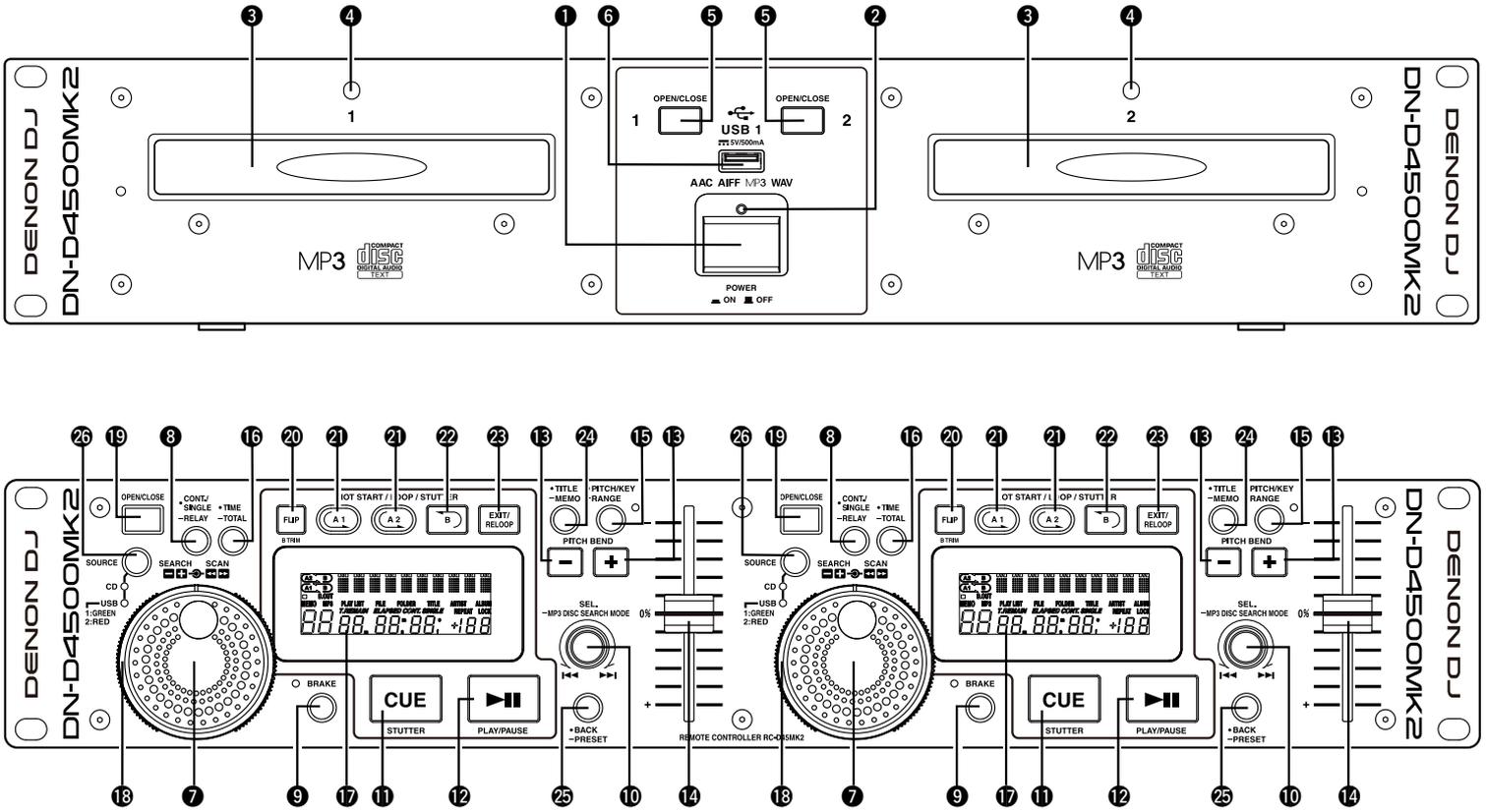
File type	Extension	Format	Notes
MP3	.mp3	Same as CD-ROM (MPEG 1/2/2.5 Layer 3)	Max.=74min playable per one file
AAC	.m4a .mp4 .aac	AAC-LC Encode ADTS Format only CBR: 32–320kbps/sec 44.1kHz stereo VBR: 44.1kHz stereo	Max.=74min playable per one file
WAV	.wav	Linear PCM 44.1kHz 16bits stereo	
AIFF	.aif .aiff	Linear PCM 44.1kHz 16bits stereo	
ID-3 tag		V1.0, V1.1, V2.2, V2.3, V2.4	

#### NOTE

DRM protected files cannot be played back.

# Part names and functions

## Front panel



## ❑ DN-D4500MK2 Front panel

### ① POWER button ( ON OFF)

- Press this button to turn the power on.

### NOTE

- Be sure to close the disc holders before turning off the power.

### ② POWER indicator

- This lights when the power is on.

### ③ Disc holder

- Place discs in this holder.
- Press the disc holder OPEN/CLOSE button to open and close the disc holder.

### CAUTION

- Do not place foreign objects in the disc holders. Doing so could damage the player.
- Do not press the disc tray in manually when the power is off, as this may result in malfunction and damage to the player.

### ④ Disc holder LED

- This flashes while the disc holder is opening and closing.
- The LED lights when the disc holder is open and serves as the disc holder illumination.

### ⑤ Disc holder OPEN/CLOSE button

- Press this button to open and close the disc holder.
- The disc holder will not open during playback. Stop playback before pressing this button.

### ⑥ USB1 port

- Insert a USB memory device or connect a HDD.

## ❑ RC-D45MK2 Front panel

### CAUTION

- Note that there are many buttons working two different functions selected by short time pressing or long pressing (1 second or more). The
  - mark indicates short time press function and
  - mark indicates long time press function.

### ⑦ Jog wheel (inner wheel)

- While the player is in pause, cue, or frame repeat mode, turn this wheel to find the cue point in frame measurement.
- In the Playback mode, turn this wheel to temporarily pitch bend the playing speed.

### ⑧ Continue/Single button

( • CONT./SINGLE, - RELAY)

#### • CONT./SINGLE:

Short Pressing alternates the play ending mode between CONT. (Continuous: play more tracks) and SINGLE (stops playing at the end of a track and re-cues back to your set point).

#### • SINGLE PLAY LOCK:

SINGLE PLAY LOCK can be selected by PRESET(10). At this time, if this button is pressed, it will be selected. When SINGLE PLAY LOCK is selected, track selection during playback is disabled. This prevents playback from stopping when the Track Select Knob is turned accidentally during playback. Play ending mode is the same as single.

#### • RELAY:

When this button is pressed for more than 1 sec, you can turn on and off RELAY PLAY mode.

### ⑨ BRAKE button

When this button is pressed you can turn the Brake mode on and off.

When the Brake mode is on, the LED lights.

No LED indicates OFF mode.

## 10 TRACK SELECT/MP3 DISC SEARCH MODE knob

### (SEL./ - MP3 DISC SEARCH MODE)

#### • TRACK:

Turn this knob to select the first or next track to be played.

Turn the knob clockwise by one click to move one track forward, counterclockwise by one click to move one track backward.

When the knob is turned while pressing it down, one click corresponds to advancing 10 tracks at a time.

In the Preset and Memo mode, use this knob to set and enter Preset and Memo settings.

#### • MP3 DISC SEARCH MODE:MP3 DISC only.

When pressing this knob down for more than 1 second, the MP3 file search selection mode is selected.

## 11 CUE button

- Pressing the CUE button during play provides a return to the position at which play was started. Alternately pressing the PLAY/PAUSE button and the CUE button allows the CD to be played from the same position any number of times.

- The CUE button lit, when the standby mode is set.

- In CUE mode, by pressing the CUE button makes a Stutter sound from the CUE point. This is called Stutter play for added performance. (Stutter)

## 12 PLAY/PAUSE button (▶||)

- Use this button to start playback.
- Press once to start playback, once again to set the pause mode, and once more to resume playback.
- When the Brake mode is ON, press the Play/Pause to activate the Brake sound.

## 13 PITCH BEND +/- button

- The playing speed increases/decreases while these buttons are held down.
- When either button is released, the playing speed returns to the previous speed.

## 14 Pitch slider

- Use this to adjust the playing speed.
- The playing speed decreases when moved upwards and increases when moved downwards.

## 15 • PITCH/KEY, - RANGE button

- With this button you can select PITCH and KEY ADJUST mode. Mode changes Pitch on, Key Adjust on and both off cyclically. Green LED indicates in Pitch mode and Orange indicator in Key Adjust mode. No LED indicates OFF mode.

#### • RANGE:

Press this button for more than 1 sec to select the pitch range. The pitch range can be selected with the TRACK SELECT knob from  $\pm 4$ , 10, \*16, 24, 50 or 100%. (\*Max pitch for MP3)

## 16 • TIME, - TOTAL button

- Press this to switch the time display between the elapsed time or remaining time per track or per disc.
- When this button is pressed for more 1 second, you can display the total time. (4 way, audio, CD only)

## 17 Display

- See page 9.



**18 Shuttle ring (outer ring)**

- This control is used to select the scanning direction and speed.  
The CD is scanned in the forward direction when the shuttle ring is turned clockwise from the center position. To scan backwards, the shuttle ring is turned counterclockwise.
- The scanning speed increases as the wheel is turned further.

**19 Disc holder OPEN/CLOSE button**

- Press this button to open and close the disc holder.
- The disc holder will not open during playback. Stop playback before pressing this button.

**20 FLIP/B TRIM button**

- Press this button to switch between the loop mode/hot start mode and stutter mode.
- After setting the B point, the B TRIM MODE can be selected.

**21 A1, A2 buttons**

- Press these buttons to set the start point for loop playback (point A-1 or A-2).
- Press these buttons to use the stutter and hot start functions.

**22 B button**

- Press this button to set the end point for loop playback (point B).

**23 EXIT/RELOOP button**

- When this button is pressed during a seamless loop, the track resumes back to normal play from the B point. (EXIT)  
When pressed again, the playback jumps back into your A-B seamless loop. (RELOOP)

**24 • TITLE/ – MEMO button****• CD TEXT:**

When there is CD text data, the CD text data is displayed automatically or when the button is pressed.

If no TEXT is available, the display will indicate "No TEXT".

**• MP3:**

When an MP3 file has ID-3 tag data, the title, artist name and album name can be selected and displayed each time the button is pressed.

**• MEMO:**

The memo mode starts when this button is pressed once in the CUE mode.

**25 • BACK, – PRESET button****• BACK**

Pressing this button during the folder search displays the folder one level up.

**• PRESET:**

When this button is pressed for more than 1 sec, the PRESET mode starts.

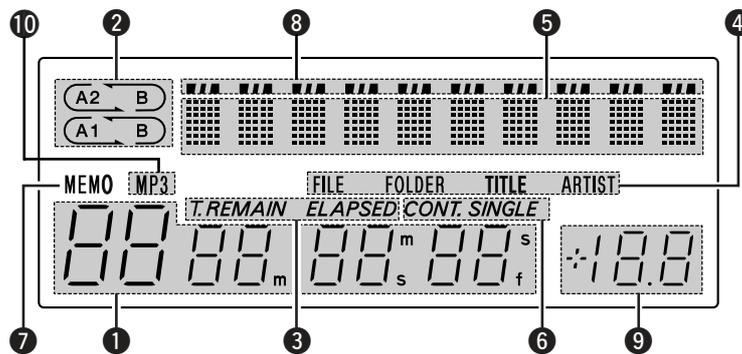
**NOTE**

Memo's can not be set for MP3 files.

**26 SOURCE select buttons (CD/USB1/USB2)**

- When "CD" is selected, the CD LED lights.
- When "USB1" is selected, the USB1 Green LED lights.
- When "USB2" is selected, the USB2 Red LED lights.

# Display



## 1 Track, minute, second and frame displays

- These displays indicate current position information.

## 2 Loop mode indicators

- DN-D4500MK2 has Loop mode indicators consist of two sets of A (A1, A2), B and two arrows. A and B marks indicate A and B points are set.
- Two arrows indicate loop setting mode as follows.

### Example: A1 B

**A1** **B** Both arrows on:  
Seamless Loop mode

**A1** **B**,  Both arrows flashing:  
Seamless Loop Playing

**A1** **B**,  Left arrow on, right flashing:

Exit play from Seamless Loop

## 3 Time mode indicators

- When the TIME/TOTAL button is pressed, the Time mode indicator switches as follows:  
ELAPSED:

Track's elapsed time is displayed.

REMAIN:

Track's remaining time is displayed.

T. + ELAPSED:

The total elapsed time of disc or programmed track is displayed.

T. + REMAIN:

The total remaining time of disc or programmed track is displayed.

**4 MP3 file search mode indicator**

FILE:

FILE indicator appears in display, when in the FILE name search mode.

FOLDER:

FOLDER indicator appears in display, when in the FILE & FOLDER name search mode.

TITLE:

TITLE indicator appears in display, when in the TITLE name search mode.

ARTIST:

ARTIST indicator appears in display, when in the ARTIST name search mode.

**5 Character display**

- This displays various operational information, text message, etc.

**6 Play mode indicators**

- When SINGLE indicator lights up, playback will finish at end of current track.
- When CONT. indicator lights up, playback continues to the end of the disc.

**7 MEMO indicator**

- MEMO sign appears in display when there is a memory setting for the currently playing track or the track at which the standby mode is currently set.

**8 Play Position indicators**

- **Play position indicator:**

The 30 white dots indicate where is playing visually in a track in the normal play.

- **End of Message:**

When the time remaining to the end of the track is less than the specified time, the EOM (End Of Message) play position indicator flashes along with the remaining time, a notification to the user that the track will end soon.

- \* The EOM time can be set within the preset mode.

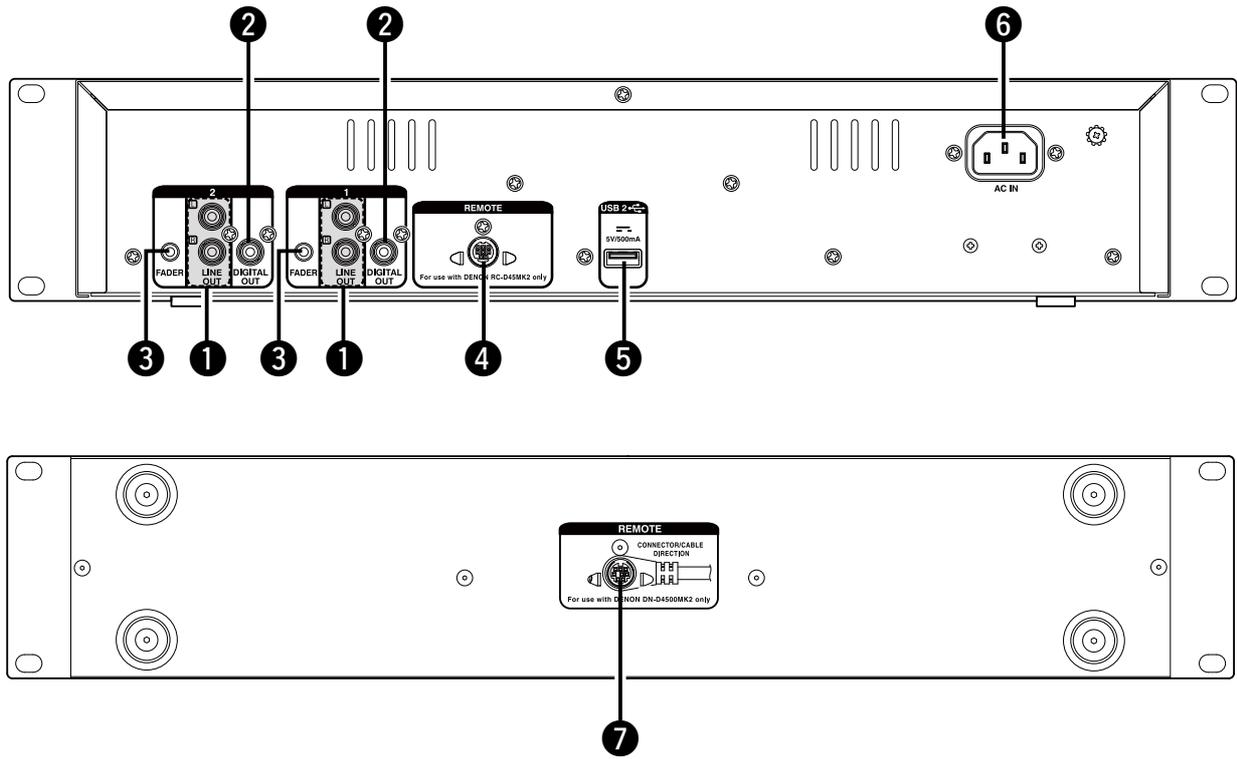
**9 Pitch display**

- This numeric indicator display the playback speed (pitch).

**10 MP3 indicators**

- Lights when an MP3 disc is detected.

# Rear panel



## ❑ DN-D4500MK2 Rear panel

### ① Analog output jacks 1, 2 (ANALOG OUT 1, 2)

- These are unbalanced output jacks. The audio signals from the both players are output from these jacks.

### ② Digital output jacks 1, 2 (DIGITAL OUT 1, 2)

- Digital data is available from this jack.
- Use 75  $\Omega$ /ohms pin cord for connection.
- We recommend you use braided wire type shielded cable.

#### NOTE

The playback level after analog conversion is set to  $-6\text{dB}$  below the usual level to avoid digital distortion.

### ③ Fader input jacks 1, 2 (FADER 1, 2)

- Use this when your mixer has Fader Start function with 3.5 mm stereo mini cord.

### ④ Remote control connector (REMOTE)

- Connect the supplied 8pin din cable to the RC-D45MK2 control unit.

#### CAUTION

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.

The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

### ⑤ USB2 port

- Insert a USB memory device or connect a HDD.

### ⑥ AC inlet (AC IN)

## ❑ RC-D45MK2 Rear panel

### ⑦ Control connector

- Connect the opposite side of supplied 8 pin din cable to the DN-D4500MK2 (main unit).

# Connection

## Cables used for connection

Select the cables according to the equipment being connected.

### ❑ For LINE OUT terminals



RCA cable (supplied)

### ❑ For DIGITAL OUT terminals



Coaxial cable (sold separately)

### ❑ For FADER jack



Stereo mini cable (sold separately)

### ❑ For REMOTE jack

**CONTROLLER SIDE**  
**(RC-D45MK2)**

**CD DRIVE SIDE**  
**(DN-D4500MK2)**



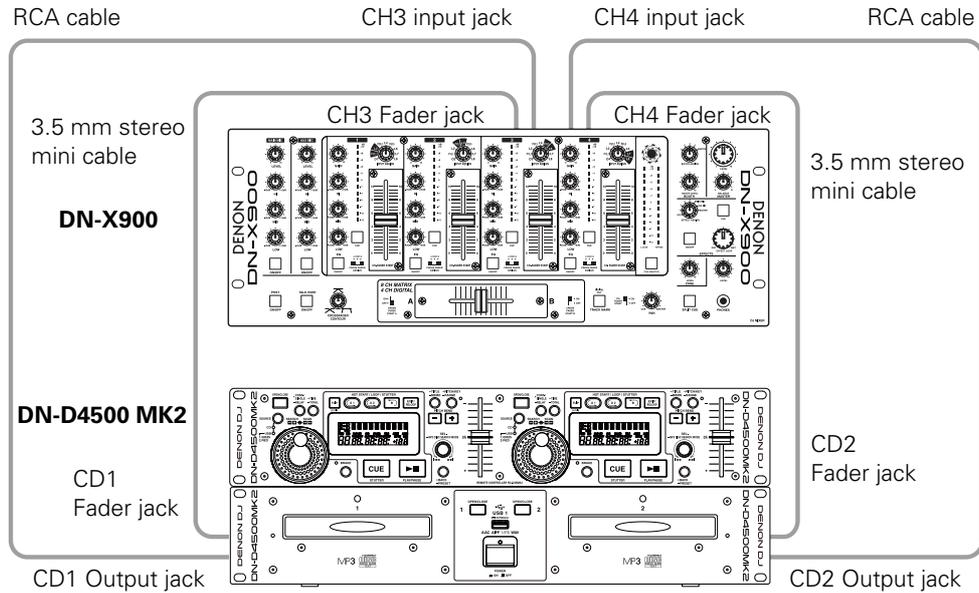
Remote control connection cable (supplied)

### NOTE

- Do not plug in the power cord until all connections have been completed.
- When making connections, also refer to the operating instructions of the other components.
- 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.
- Insert the plugs securely. Loose connections will result in the generation of noise.
- Do not bundle power cords together with connection cables. Doing so can result in humming or noise.
- DN-D4500MK2 is not compatible with RC-D45 (old model) and DN-D4500 (old model) is not compatible with RC-D45MK2. Do not connect incompatible units.

## Basic connections

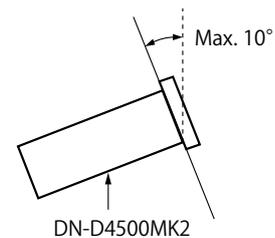
- This is an example of the basic connections when connecting this unit to a DJ mixer.



### NOTE

- USB hubs cannot be used.
- In order to prevent playback output clipping due to differences in playback level when an effector is used, set the playback level to  $-6$  dB from the normal playback level after converting digital output to analog.
- DENON does not guarantee that all USB memory devices will operate or receive power. When using a portable USB connection type HDD of the kind to which an AC adapter can be connected to supply power, use the AC adapter.

The DN-D4500MK2 will work normally when the player unit is mounted within 10 degrees off the vertical plane at the front panel. If the unit is tilted excessively, the disc may not be loaded or unloaded properly.

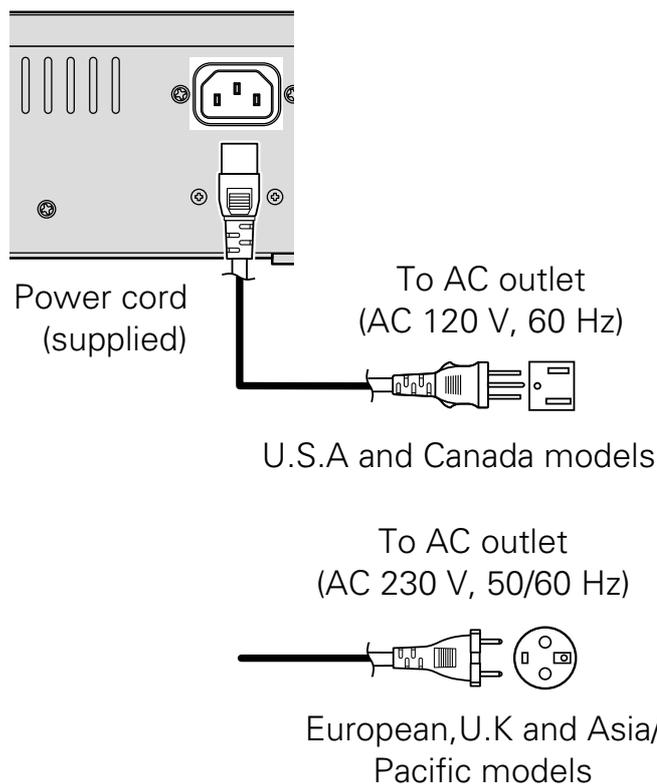


# Connecting the power cord

Connect the supplied power cord to this unit, and insert the plug into the wall socket.

## NOTE

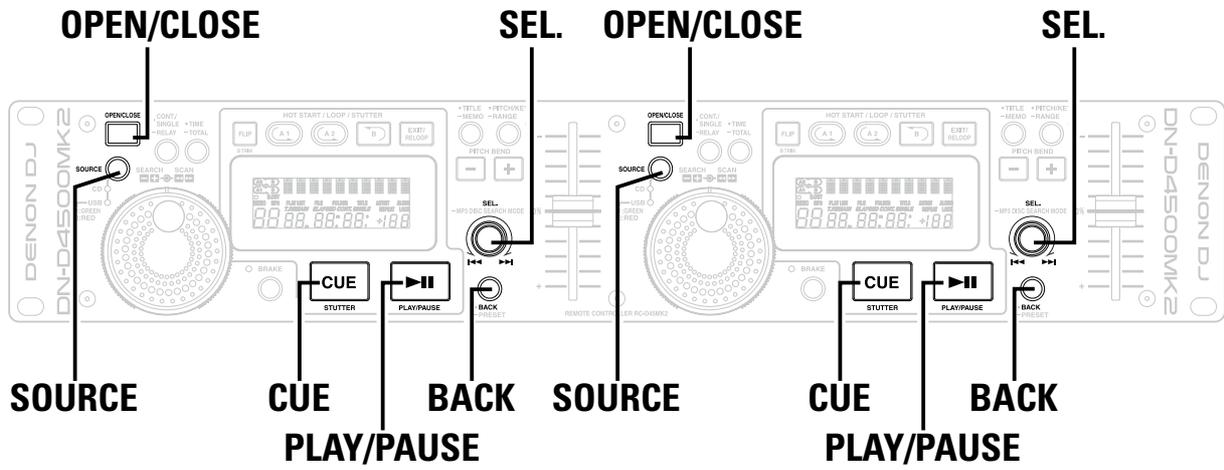
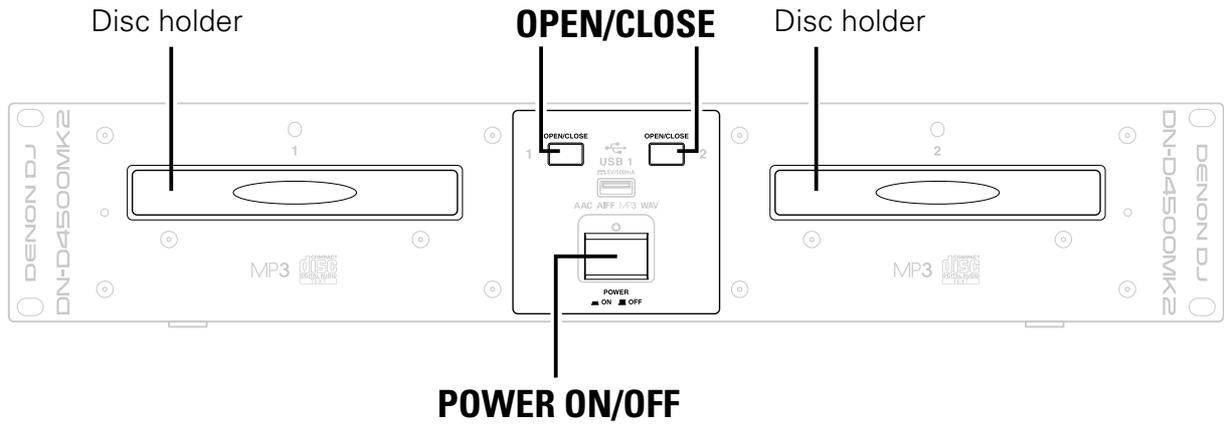
- Do not plug in the power cord until all connections have been completed.
- Insert the plug fully and securely into the socket. Incomplete connection to the power supply may cause damage to the unit, or noise.



To prevent the power plug from falling out, we recommend fixing the power cord to the AC cord holder. Use a Phillips screwdriver to fix the power cord to the AC cord holder.



# Playback



## Turning the power on

Press **POWER ON/OFF**.

"DENON DN-D4500 MK2" appears on the display, and the power switches on.

## Turning the power off

Press **POWER ON/OFF**.

The power switches off.

### NOTE

Be sure to close the disc holders before turning off the power.

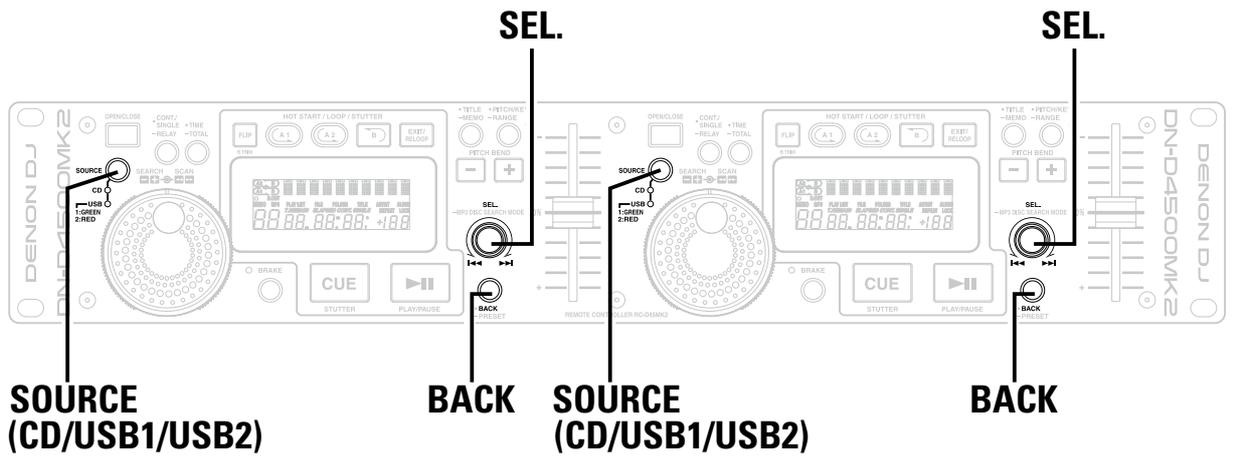
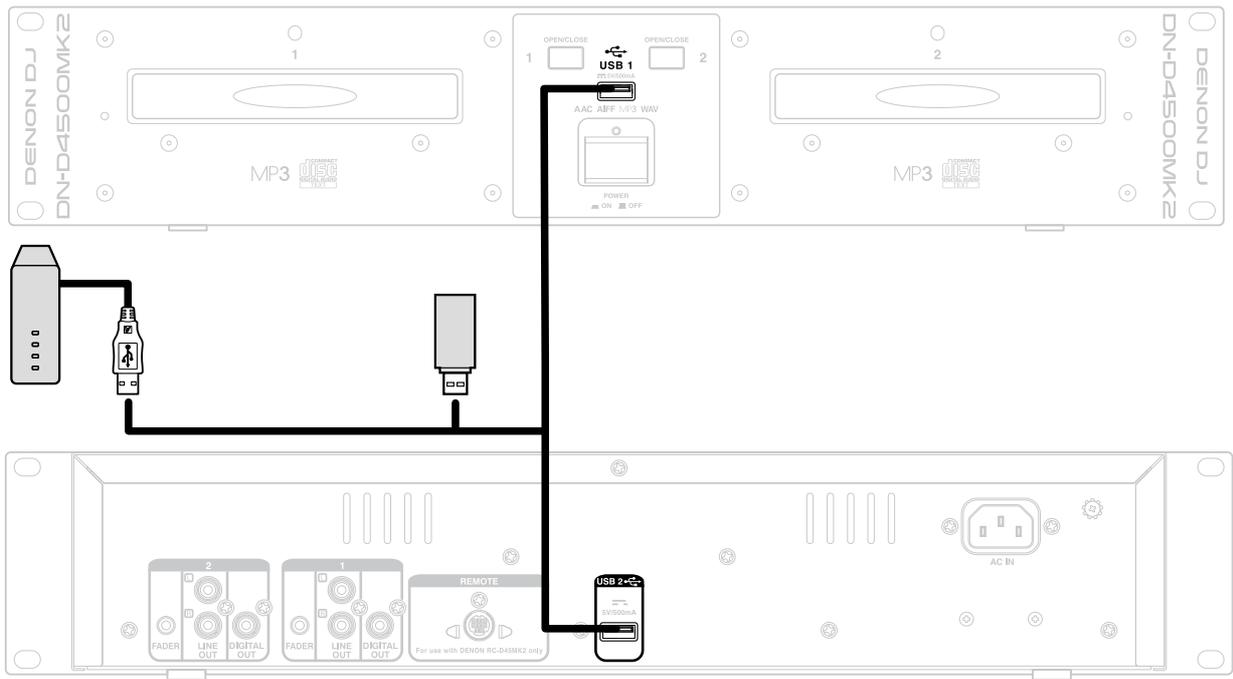
## Playback

### CD playback

- 1 Press **SOURCE** to switch the source to CD.
- 2 Press **OPEN/CLOSE** on the unit to open the disc holder and insert the disc.
- 3 Turn **SEL.** to select the track you want to play.
  - Press and turn **SEL.** to select 10 tracks at a time.
- 4 Press **▶||**.  
**▶||** lights green, and playback starts.



If you select a track during playing, playback starts from the beginning of the selected track.



## USB memory device or HDD playback

- Connect USB memory device or HDD to the USB port on the top panel, and prepare to playback a track.
- For details on the file formats that can be played on this unit, see  page 5.

**1** Connect a USB memory device or HDD to the USB1 port or USB2 port.

**2** Press **SOURCE** to switch the source to USB1/USB2.

**3** Turn **SEL.** to select the folder.  
The LED indicator lights in green when USB1 port is selected.  
The LED indicator lights in red when USB2 port is selected.

**4** Press **SEL.**  
The folder names or track names within the selected folder are shown in the display.  
• Press **BACK** to go back 1 folder level.

**5** Turn **SEL.** to select the track you want to play.

**6** Press **SEL.**  
The cue standby mode is set at the start of the selected tracks.



- FAT16/FAT32 is supported for the USB memory device and HDD.
- When using a USB HDD of the kind to which an AC adapter can be connected to supply power, use the AC adapter.
- If the USB memory device is not recognized, disconnect the USB memory device and then reconnect it.

### NOTE

- Depending on the type of mass-storage USB memory device or portable music player, it may take some time for this unit to recognize the device.
- Do not connect devices or cables that do not conform to USB standards.
- USB memory devices will not work via a USB hub.
- NTFS format USB memory devices and HDDs are not supported. If used, this unit may malfunction.
- When using a HDD that has an automatic power ON/OFF function that switches the HDD power on and off in sync with the computer, disable this function in the settings.
- The maximum capacity of USB memory devices and HDDs you can use is 2 TB.
- This unit cannot format USB memory devices or HDDs.

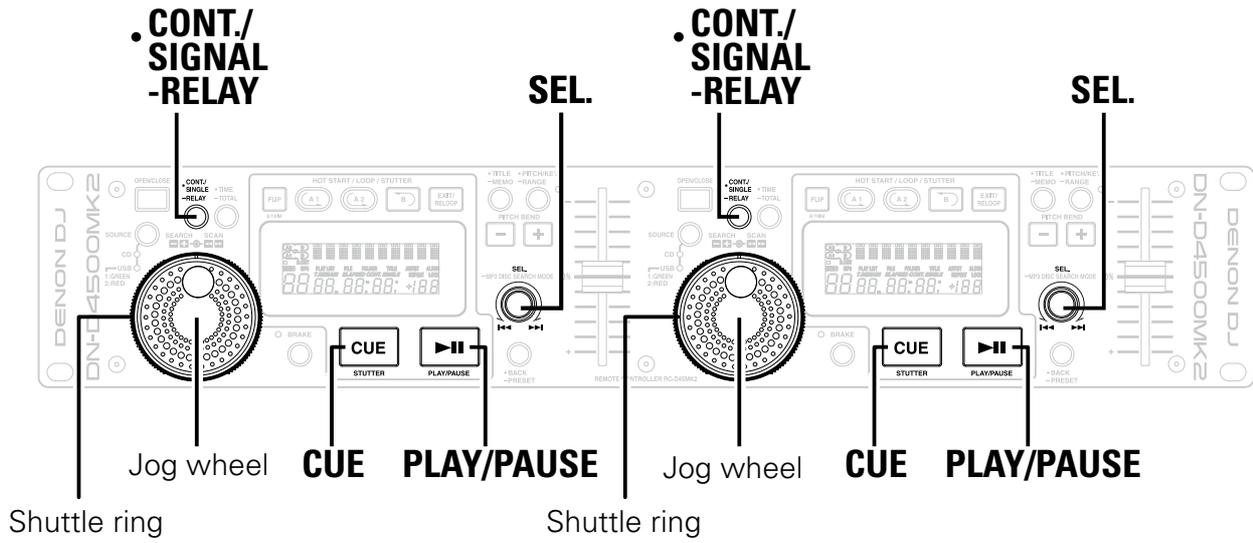
## ❑ Removing the USB memory device or HDD

**Before removing the USB memory device or HDD, be sure to make sure the access lamp for the connected device is turned off.**

### NOTE

- Be sure the USB memory device or HDD is paused before removing.
- When removing USB memory device or HDD, use the above procedure to turn off the USB DRIVE indicator before removing. Incorrectly removing the USB memory device or HDD may damage the data stored on the device.
- DENON cannot accept any responsibility whatsoever for the damage or loss of data from USB memory devices or HDDs that are used in conjunction with this device.
- There is no guarantee that this unit is compatible with all types of USB memory devices or HDDs.

# Operations during playback



## Setting playback mode

This sets how tracks are played back.

### Press **SINGLE/CONT.**

- The playback mode is switched in the following order each time the button is pressed.



#### **SINGLE (PLAY LOCK)**

The SINGLE indicator lights in the display, and "Play Lock" is shown. In this mode, when playback of the track is completed, the track returns to the cue point and is paused.

#### **SINGLE**

The SINGLE indicator lights in the display, and "Lock Off" is shown. In this mode, when playback of the track is completed, the track returns to the cue point and is paused.

#### **CONT.**

The CONT. indicator in the display lights. In this mode, when playback of the track has finished, the next track is played back.

## Playback

### Press **▶||**.

- ▶|| lights green, and playback starts.

## Pause

### Press **▶||** during playback.

- ▶|| flashes, and the track is paused.

- Press ▶|| again to resume playback from the point at which the track was paused.

# Fast forward/Rewind

There are four methods for fast forward/rewinding.

## ❑ Fast forward/Rewind using shuttle ring and jog wheel

### **During playback, turn the shuffle ring.**

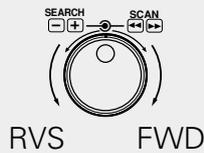
If turned in the FWD direction, the playback point is moved to the forward direction, and playback is resumed from the new point.

If turned in the RVS direction, the playback point is moved to the reverse direction, and playback is resumed from the new point.

### **During playback, turn the jog wheel (inner side).**

If turned in the FWD direction, the playback speed increases.

If turned in the RVS direction, the playback speed decreases.



### **During pause, turn the shuffle ring.**

If turned in the FWD direction, the pause point is moved to the forward direction, and pause mode is set at the new point.

If turned in the RVS direction, the pause point is moved to the reverse direction, and pause mode is set at the new point.

### **During pause, turn the jog wheel (inner side).**

If turned in the FWD direction, the pause point is moved to the forward direction frame by frame, and pause mode is set at the new point.

If turned in the RVS direction, the pause point is moved to the reverse direction frame by frame, and pause mode is set at the new point.



## Setting the cue point

By setting a cue point, the track can be played back from the set position.

### □ Setting the cue point

**Pause the track in the position where you want to set the cue point, and press CUE.**

The cue point is set at the paused position.

- Irrespective of the mode, the cue point is set at the start of the track when the track is loaded.

### □ Returning to the cue point

- Playback stops, returns to the position where you want to playback again (cue point), and is paused (back cue function).
- When this function is used, playback can always be started from the same position.

**During playback, press CUE.**

Playback stops, cues to the playback start position (cue point), and pauses.

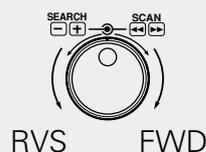
### □ Moving the cue point

There are two methods for moving the cue point, using the shuttle ring, or using the jog wheel.

## Setting with shuttle ring and jog wheel

**1** During pause, turn the shuttle ring in the forward or reverse direction to move the cue point while listening to the playback sound.

**2** If the jog wheel is turned in the forward or reverse direction, you can move the cue point while listening to the playback sound frame by frame.

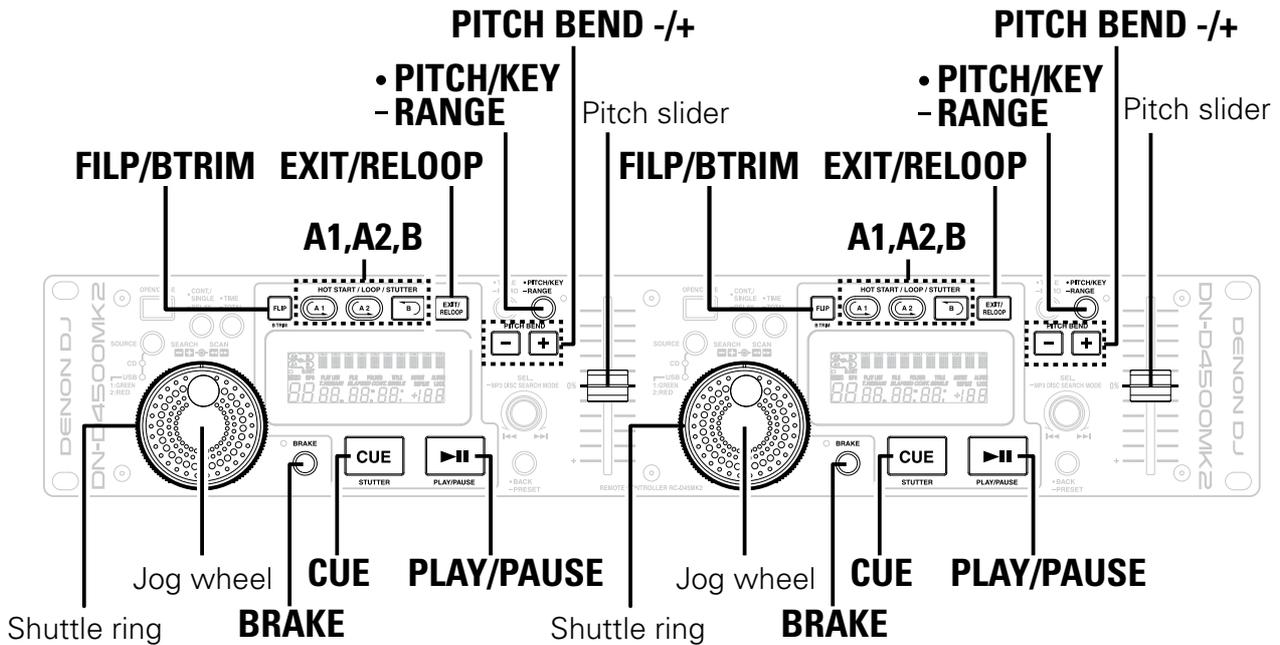


**3** Press **CUE**.

The cue point is set at the moved position.

Press **▶||**.

The cue point is set at the moved position, and playback starts.



## Adjusting the playback speed

Use the pitch slider to adjust the playback speed (pitch).

### 1 Press and hold **PITCH/KEY - RANGE**.

Range \*\*% is displayed.

Each time **SEL.** is turned, the range in which the playback speed can be adjusted switches as shown below. Turn **SEL.** to select the pitch range, and press **SEL.** to select the playback speed.



**[For MP3 DISC]**



### 2 Press **PITCH/KEY - RANGE**.

The LED lights green.

### 3 Move the pitch slider, and adjust to the desired playback speed.

## Adjusting the playback speed without changing the pitch

When the playback speed is adjusted, the pitch is not changed.

### Press **PITCH/KEY - RANGE**.

The LED lights orange.

## Changing the playback speed temporarily (pitch bend function)

This function temporarily changes the playback speed.  
There are 2 methods for changing the playback speed.

### □ Using the PITCH BEND buttons

Press **PITCH BEND +/-**.

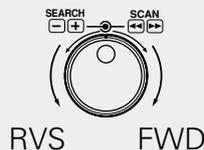
**PITCH BEND +** Playback speed is increased while the button is being pressed.

**PITCH BEND –** Playback speed is decreased while the button is being pressed.

### □ During playback, turn the jog wheel

If turned in the **FWD** direction, playback speed is increased.

If turned in the **RVS** direction, playback speed is decreased.



## Manual loop playback

Set the starting point (A point) and end point (B point), and playback is repeated seamlessly between the two points.

Two loop ranges (A1 and B1 points, A2 and B2 points) can be set.

### 1 During playback or pause, press **A1** at the position where you want to start playback.

The A indicator lights in the display, and playback starts from the set A point.

### 2 Press **B** at the position where you want to end playback.

The B indicator lights in the display, and manual loop playback repeats between A and B.



A2 and B2 points can be set in the same way.

**In normal playback or pause, press EXIT/RELOOP.**

**If the current playback position is before the A-B positions,**

- “Exit Off” is shown in the display.
- When the playback position passes the A point (start point) manual loop playback starts automatically.

**If the current playback position is after the A-B positions,**

- Moves the playback point to the A point (start point) and manual loop playback starts.



If the **EXIT/RELOOP** is pressed before the playback point passes the A point (start point), “Exit Loop” is shown in the display, and normal playback resumes.

**Exiting auto loop playback**

**During auto loop playback, press EXIT/RELOOP.**

Auto loop playback exits, and normal playback resumes.

**Stutter**

Stutter effect can be used at A1 and A2 points set as a loop start point.

**1** Press **FLIP** repeatedly until “STR A1” is shown in the display.

 changes to **A1** **B**, and the player enters the stutter mode.

**2** Hold down **A1** to stutter A1 point.

**3** To return to the loop play mode, press **FLIP** repeatedly until “H/S A1” is shown in the display.

A2 point can be stuttered in the same way.

**Changing the end point of manual loop playback**

**During manual loop playback or pause, press B at the position where you want to end playback.**

- The B point (end point) is moved to the position where B was pressed.

**Exiting manual loop playback**

**During manual loop playback, press EXIT/RELOOP.**

“Exit Loop” is shown in the display, and normal playback resumes.

**Returning to manual loop playback**

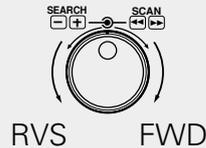
**In normal playback, press EXIT/RELOOP.**

The playback position moves to the A point (start point) and manual loop playback starts.

## □ Adjusting loop points

**1** During manual loop playback, press **A1**.

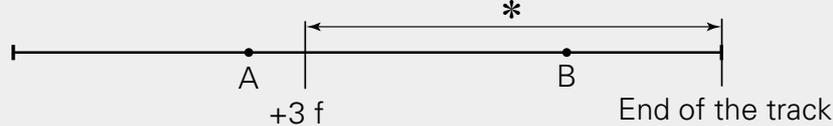
**2** Turn the jog wheel while listening to the playback sound, and move to the position where you want to end playback.



- It can be adjusted in 1 frame units.

### [Adjustable range]

It can be adjusted from 1 frame after the A point (start point) to the end of the track.



- \* Adjustment range for B point

**3** Press **B** at the position where you want to end playback.  
B point (end point) adjustment is complete.



B2 point for A2 point can be adjusted in the same way.

## □ Clear the A1/A2 point

While pressing the **FLIP** press the **A1** or **A2** to clear the corresponding A and B points.

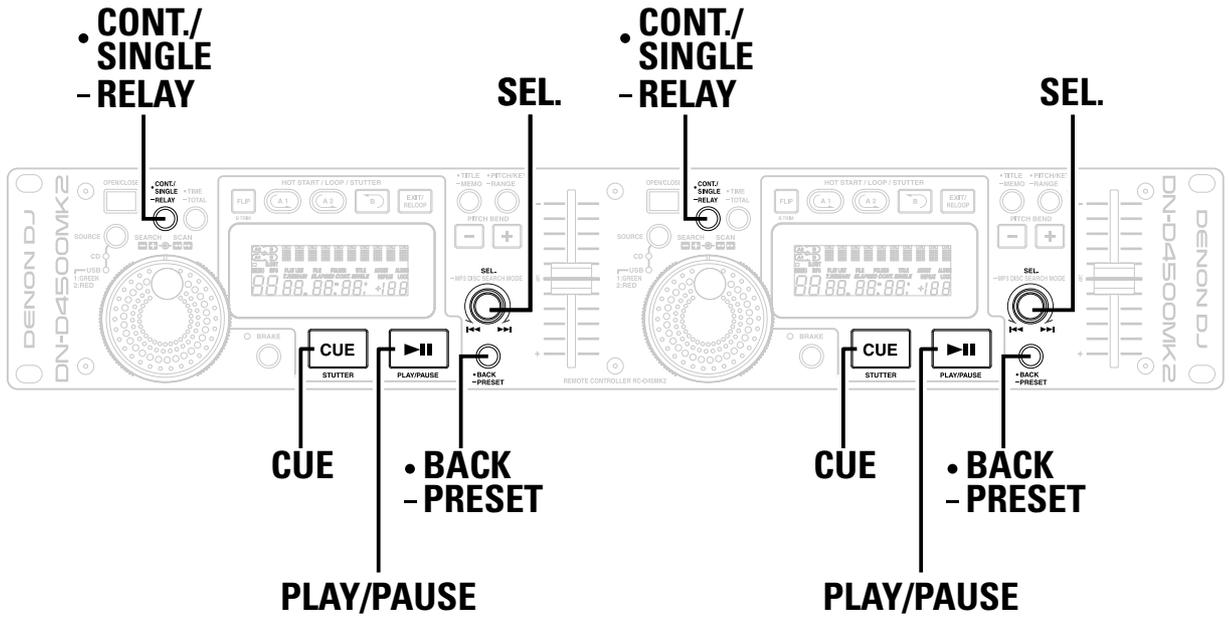
**Press FLIP/B TRIM for more than 1 sec to clear both A1 and A2 points at once.**

## Adjusting the track end time

### □ Brake

**1** Press **BRAKE**.  
The BRAKE LED lights.

**2** Press **PLAY/PAUSE** during playback.  
The ending time of the track is delayed, and the characteristic like an analog player is obtained.



## Adjusting brake time

The brake time can be adjusted using Preset function.

**1** Hold down **•BACK –PRESET**.

**2** Press **SEL.** repeatedly to select the brake time.



**3** Press **•BACK –PRESET** to enter.



The larger the step number is, the longer the brake time is.

# Relay play

What is relay play?

Playback relays between deck 1 and deck 2.

## ❑ CD playback

A disc loaded in the next deck will be played after playback of the current track when the playback modes of deck 1 and deck 2 are set to **SINGLE**, or after playback of all tracks in the current disc when those modes are set to **CONT.**

## ❑ USB playback

Files in the folder of the next deck will be played after playback of the current file when the playback modes of deck 1 and deck 2 are set to **SINGLE**, or after playback of all files in the current folder when those modes are set to **CONT.**

- If both a CD (track) and USB memory device (file) are loaded in each deck, relay playback between the CD and the USB memory device is possible.

## Performing relay playback

- 1** Press **CONT./SINGLE** on the first deck to select the playback mode, **SINGLE** or **CONT.**, then hold down **CONT./SINGLE** to select the relay mode.  
The **SINGLE** or **CONT.** indicator flashes in the display. Turn **SEL.** to select a track or file.
- 2** Press **CONT./SINGLE** on the second deck to select the playback mode, **SINGLE** or **CONT.**  
The **SINGLE** or **CONT.** indicator flashes in the display. Turn **SEL.** to select a track or file.
- 3** Press **PLAY/PAUSE** of the first deck.  
Relay playback starts.
- 4** To stop the relay playback, press **CUE** on the deck currently played.  
\*If not stopped, relay playback is repeated.



## Power on play

This mode enables playback to start automatically from the first track of the loaded CD when powering on.

- 1** Load a **CD** into the deck.
- 2** Hold down **–PRESET**.
- 3** Turn **SEL.** to select “**Power Play**”.
- 4** Press **SEL.** to display “**P.PlayON**”.
- 5** Press **–PRESET**.

“Now Saving” is shown.

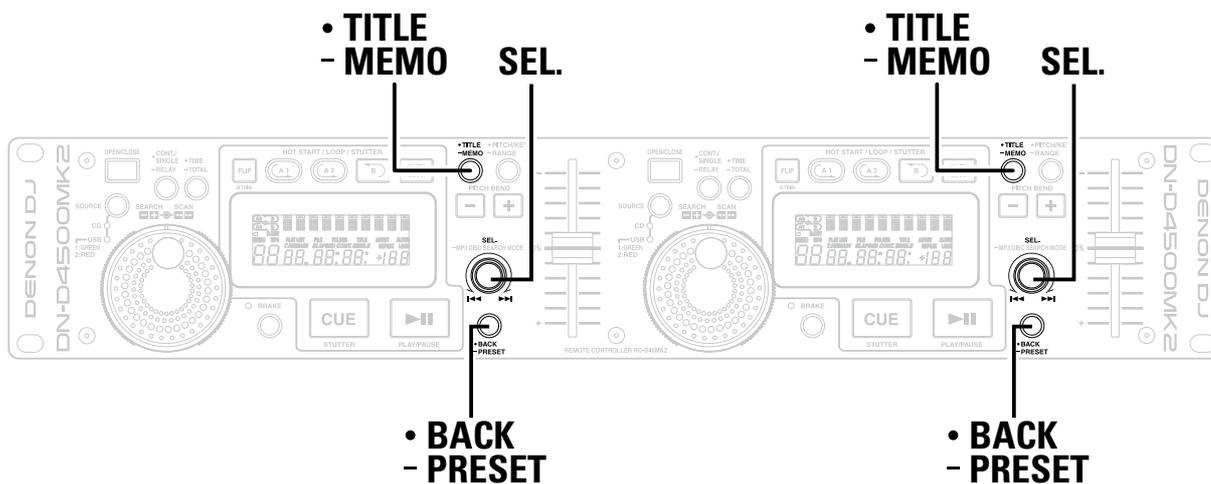
Playback automatically starts from the first track when powering on.

Power on play can be set on CD drives 1 and 2, respectively.

# Others

## Memo function

Details set in advance can be stored as memo data on a USB memory device or HDD or Flash Memory. When you need to configure settings in a short space of time, settings can be configured automatically



### Details that can be saved as memo data

- Cue point
- Manual loop point (A1/B1, A2, B2 point)
- Hot start or Stutter
- Playback speed
- Pitch ON or OFF
- Key adjust ON or OFF
- Pitch range

## Memo settings

### Memo Set

Save the setting details to memo data.

**1** Set this unit with memo data.

**2** Press **TITLE - MEMO**.  
"Memo Set?" is shown in the display.

**3** Press **SEL**.  
"Complete!" is shown in the display.



- When "MEMO" is shown in the display, memo data has already been saved. Clear the saved memo data, and redo the setting.
- If memo data cannot be saved, check the remaining capacity of the USB memory device or HDD. It may not be possible to save memo data if there is not enough spare memory.
- If the USB memory device or HDD is equipped with a security function, check that the security is disabled.
- 1000 is the maximum possible number of tracks that can be stored to memory.  
However, to simplify the MEMO operations, the memory system manages each 200 MEMO data groups as a minimum unit (the total 1000 memory capacity divided into 5 memory data groups). When you want to clear just one MEMO data in the 1 MEMO CLEAR mode (see page 24), the unit will erase the memo information but not the internal memo allocation number. Accordingly, depending on conditions, the number of tracks that can be stored in the memory may be fewer than 1000.  
Once you reached 1000 stored points, you will see a message that says "MEMO FULL!". At this time you will need to "delete" old data to make room for new memo points. Therefore the oldest 200 memo points in that group will be deleted and become available.
- The MEMO indicator on the display lights up when a track for which data is stored in the memory is selected.

## Memo Call

This function calls saved memo data.

### **1** Select the track that is stored with the memo data that you want to call.

- When a track that has memo data stored is selected, the MEMO indicator lights in the display.

### **2** Press **TITLE - MEMO**.

"Memo Call?" is shown in the display.

### **3** Press **SEL**.



When the playback speed is called from the memo data, the PITCH indicator flashes, and the pitch may be locked.

This is because the actual playback speed and playback speed selected by the pitch slider differ. In order to cancel the pitch lock, adjust the pitch slider to the same pitch as the called memo data.

## Memo Clear

This function clears saved memo data.

### **1** Select the track that is stored with the memo data that you want to clear.

- When a track that has memo data stored is selected, the MEMO indicator lights in the display.

### **2** Press **TITLE - MEMO**.

"Memo Call?" is shown in the display.

### **3** Turn **SEL.** to select "Memo Clr?".

### **4** Press **SEL.**

"Clear OK" is shown in the display.

### **5** Press **SEL.**

The MEMO indicator in the display goes out, and the memo data is cleared.

## Disc tray auto close

Disc tray will automatically close after 30 seconds have elapsed for the disc tray auto close mode. (Preset item 3)

## End of message

During playback, the Play Position indicators start flashing when the remaining playing time to the end of the track (set in the preset mode) is reached, indicating that the end of the track is near. (Preset item 6)

# Preset function

## Preset menu map

Setting items	Description
<b>Auto Cue</b>	Sets the detection level of the sound start point when ignoring the soundless part at the head of a track at playback. (A.CUE ON* / A.CUE OFF)
<b>Brake Time</b>	Setting the track end time (STEP 1 / STEP 2* / STEP 3 / STEP 4)
<b>Auto Close</b>	Time for automatically closing disc holder. (Close OFF / Close 10s / Close 30s* / Close1min)
<b>Jump Time</b>	Select the jump time of QuickJump. (Jump10sec* / Jump20sec / Jump30sec / Jump1min)
<b>P. Range</b>	Select the playing pitch range when the power is turned on. (4% Range / 10% Range* / 16% Range / 24% Range)
<b>EOM Time</b>	Sets the notification for the time remaining until the end of the track being played back. (EOM OFF / EOM 10 sec* / EOM 15 sec / EOM 20 sec / EOM 30sec / EOM 60 sec / EOM 90 sec)
<b>Fader Mode</b>	Switches the operation for fader start for the mixer connected to this unit. Select 1-line (TS) type cable (Play and Pause). Select 2-line (TRS) type cable (CUE and Play) (Play / CUE* / Play Pause)
<b>Power Play</b>	Switches power on playback on or off. Playback starts when the power is turned on if a disc is loaded. (P. Play ON / P. Play OFF*)
<b>Pitch</b>	Select the pitch mode when the power is turned on. (Pitch ON* / Key. AdjON (KEY ADJUST ON) / Pitch OFF)
<b>Play Mode</b>	Select the play mode when the power is turned on. (Single / Cont. / Play Lock*)
<b>Time Mode</b>	Select the time mode when the power is turned on. (Elapsed* / Remain)
<b>Bpm Disp</b>	Select the BPM display (Disp ON* / Disp OFF)
<b>Relay Mode</b>	Switches relay playback on or off. (Relay ON / Relay OFF*)
<b>Relay Time</b>	Select the crossover time the currently playing track when the opposite drive start to play with the Relay Play function. (Relay 0sec* / Relay 1sec / Relay 2sec / Relay 3sec)

Setting items	Description
<b>MemoClear</b>	<p>Memo Clear (MEMO ALL CLEAR)</p> <p>NOTE: This PRESET item can be only performed in CD1 (left side) of the remote controller.</p> <p>Clear all MEMO data in the non-volatile memory.</p> <ol style="list-style-type: none"> <li>To clear all MEMO data, press the <b>SEL.</b> down. "Clear OK?" flashes on the character display.</li> <li>Press the <b>TRACK SEL.</b> down again and select "OK" to execute clearing all MEMO data. "Memo Clear" is displayed on the character display while clearing.</li> <li>Once clearing is completed, "Complete!" is displayed.</li> </ol>
<b>Version No</b>	<p>The DN-D4500MK2's software version is displayed. (SYSTEM/DSP/SER/RC)</p>
<b>Preset Int</b>	<p>Set all the preset data back to the factory defaults.</p> <ol style="list-style-type: none"> <li>To clear the PRESET data, press the <b>TRACK SEL.</b> down. "Initial OK?" flashes on the character display.</li> <li>Press the <b>SEL.</b> down. again and select "OK" to start clear the preset data. "Preset Int" is displayed on the character display while data clearing.</li> <li>Once clearing is completed, "Complete!" is displayed.</li> </ol>



The "\*" mark next to the data indicates the default value.

## How to adjust the various Preset settings

**1** Hold down **•BACK –PRESET.**  
"PresetMode" is displayed.

**2** Turn **SEL.** to select the setting item.  
Press **SEL.** to enter the selected item.

**3** Press **•BACK –PRESET.**  
"Now Saving" is displayed.  
Configuration is complete.

# 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 (DJ mixer, 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-mpro.com> or <http://www.denondj.com>.

Symptom	Cause/Solution
Cannot eject disc holder.	<ul style="list-style-type: none"><li>• Check that the power is on.</li><li>• Discs cannot be ejected during playback. Stop playback before ejecting the disc.</li></ul>
"Disc Error" is displayed.	<ul style="list-style-type: none"><li>• The disc may be dirty or scratched. Either clean the dirt from the disc, or replace with another disc.</li></ul>
Power does not turn on.	<ul style="list-style-type: none"><li>• Check that the plug is inserted correctly into the wall socket, and that the power cord is inserted into this unit.</li></ul>
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><li>• Check the file sampling frequency. Only files with a sampling frequency of 44.1 kHz can be played on this unit.</li></ul>
There is no sound. Or the sound is distorted.	<ul style="list-style-type: none"><li>• Check the mixer connections.</li><li>• The mixer adjustments or switching may be unsuitable. Adjust the knobs on the mixer.</li></ul>
There is no sound. Or the sound is too quiet.	<ul style="list-style-type: none"><li>• Check the connections for all devices.</li><li>• Switch the input source switching button to the device that is currently playing.</li></ul>
"Fail" is displayed.	<ul style="list-style-type: none"><li>• If the USB memory device or HDD is equipped with a security function, check that the security is disabled.</li><li>• Memo data cannot be saved on a USB memory device or HDD formatted in HFS+ format. Use FAT16 or FAT32 format.</li></ul>
A CD-R or CD-RW disc cannot be played.	<ul style="list-style-type: none"><li>• The disc has not been finalized. Finalize the disc then play it.</li><li>• The recording conditions and/or the quality of the disc itself are poor. Use a properly recorded disc.</li></ul>



Symptom	Cause/Solution
Data stored in a USB memory device cannot be displayed (read).	<ul style="list-style-type: none"> <li>• Has the unit initialized the USB memory device with applicable formats? (FAT 16/FAT 32)</li> <li>• Are you using a USB hub? If so, directly connect the USB memory device to a USB port on the front panel of the unit.</li> <li>• Are you using a USB extension cable? If so, directly connect the USB memory device to the USB port on the front panel of the unit.</li> <li>• Are the USB memory device contents applicable to this unit? Use the "Files" menu to confirm whether the contents are applicable to the unit.</li> <li>• When a USB memory device of 192 MB or less is formatted with FAT 32, this unit may not be able to read it. If that is the case, format it with FAT 16.</li> <li>• This unit does not support a USB memory device containing encrypted data.</li> </ul>
The USB memory device is not recognized.	<ul style="list-style-type: none"> <li>• Some USB memory devices cannot be operated by the power supplied from this unit. The unit supplies 5 V/1 A to a USB memory device. Use a USB memory device that is compatible with the specifications of this unit.</li> <li>• Check if the USB memory device is firmly connected to the USB port.</li> </ul>

# Specifications

## □ General

**Type:** Compact disc player  
**Disc type:** Standard compact disc (12 cm disc), CD-TEXT  
CD-R, CD-RW discs

### NOTE

Finalized CD-R or CD-RW discs can be played back in this unit. However, according to recording quality, some CD-R/RW discs cannot be played.

**Installation:** 19-inch rack mountable

Player unit: 2U  
Remote control unit: 2U

**Power supply:** U.S.A., Canada and Taiwan R.O.C. models: 120 V AC  $\pm 10\%$ , 60 Hz  
European models: 230 V AC  $\pm 10\%$ , 50/60 Hz

**Power consumption:** 25 W

**Environmental conditions:** Operational temperature: 5 to 35°C (41 to 95°F)  
Operational humidity: 25 to 85% (no condensation)  
Storage temperature: -20 to 60°C (-4 to 140°F)

## □ Audio section

**Main out, Monitor out** 24-bit (internal DSP Process)

**Quantization:**

**Sampling frequency:** 44.1 kHz at normal pitch

**Oversampling rate:** 8 times

**Total harmonic distortion:** 0.01% or less

**Signal to noise ratio:** 90 dB or more

**Channel separation:** 85 dB or more

**Frequency response:** 20 to 20,000 Hz

**Analog output**

**Output level:** 2.0 V r.m.s.

**Load impedance:** 10 k $\Omega$  or more

**Digital output**

**Signal format:** IEC958-Type2

**Output level:** 0.5 Vp-p 75  $\Omega$

## ❑ Functions

<b>Instant start:</b>	Within 20 msec.
<b>Variable pitch:</b>	±4% (0.1% pitch), ±10% (0.1% pitch), ±16% (0.1% pitch) ±24% (1.0% pitch), ±50% (1.0% pitch), ±100% (1.0% pitch)
<b>Pitch bend:</b>	Pitch range ±4% – ±24% : ±32% Pitch range ±50%, ±100% : ±99%
<b>Search precision:</b>	1/75 sec. (1 subcode frame)
<b>Max. scan speed:</b>	Over 20 times normal speed
<b>Max. MEMO memory steps:</b>	1000 steps

\* Specifications and design are subject to change without notice for purpose of improvement.

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

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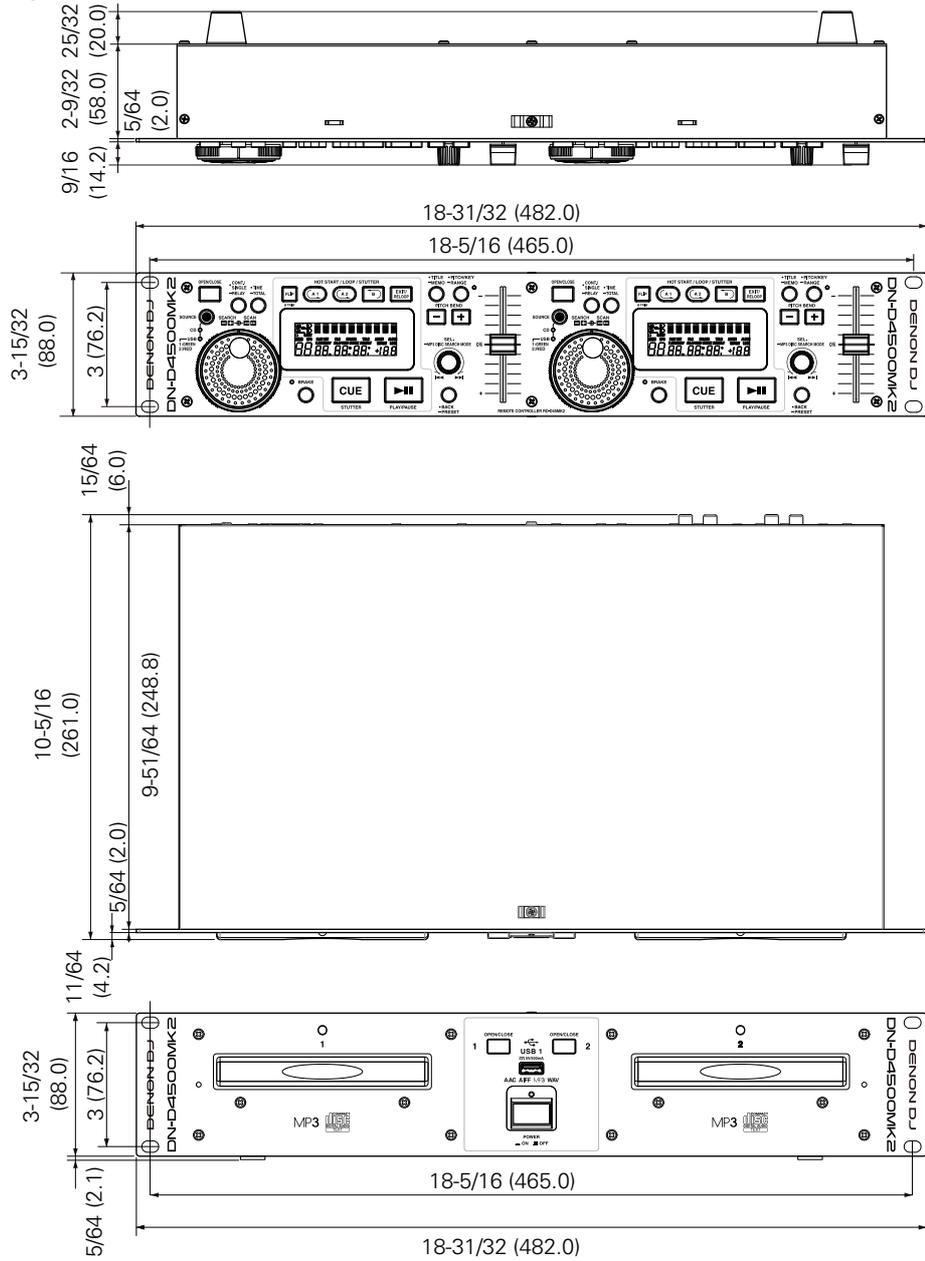
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**□ Dimensions**

**Unit: in. (mm)**



**Weight: (Player unit: 11 lbs (5.0 kg), Remote control unit: 4 lbs 2 oz (1.9 kg))**

# D&M Holdings Inc.