DENON

SUPER AUDIO CD PLAYER

DCD-2010AE

Owner's Manual

Bedienungsanleitung

Manuel de l'Utilisateur

Manuale delle istruzioni

Manual del usuario

Gebruiksaanwijzing

Bruksanvisning

❏ **SAFETY PRECAUTIONS**

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

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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 UDSAETTELSE FOR STRÅLING.**

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

VARNING: **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!

I

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 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus
10 Only use attachments/accessories specified by the manufacturer
11 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
12 Unplug this apparatus during lightning storms or when unused for long periods of time
13 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
14 Batteries shall not be exposed to excessive heat such as sunshine, fire or the like

CAUTION - CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN.
DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VAROITUS - LUOKAN 1M NÄKYVÄÄ JA NÄKYMÄTÖNTÄ LASERSRSÄTEILYÄ AVATTUNA.
ÄLÄ KATSO SÄDETTÄ SUORAAN OPTISILLA LAITTEILLA.
VARNING - KLASS 1M SYNLIG OCH OSYNLIG LASERSTRÅLNING VID ÖPPNING.
BETRAKTA EJ STRÅLEN DIREKT MED OPTISKA INSTRUMENT.
ADVARSEL - KLASSE 1M USYNLIG OG SYNLIG LASERSTRÅLING VED ÅBNING. MÅ IKKE BETRAGTES DIREKTE MED OPTISKE INSTRUMENTER.
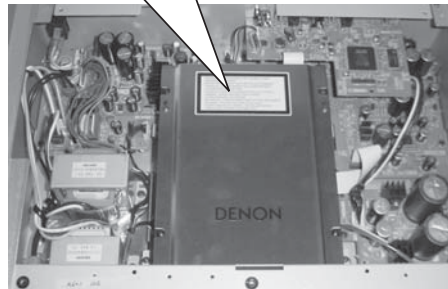
CAUTION:
To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.
The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

VORSICHT:
Um dieses Gerät vollständig von der Stromversorgung abzutrennen, ziehen Sie bitte den Stecker aus der Wandsteckdose.
Der Netzstecker wird verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein.

PRECAUTION:
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:
Per scollegare completamente questo prodotto dalla rete di alimentazione elettrica, scollegare la spina dalla relativa presa a muro.
La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente.

PRECAUCIÓN:
Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.
El enchufe de la alimentación eléctrica se utiliza para interrumpir por completo el suministro de alimentación eléctrica a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

WAARSCHUWING:
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.
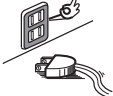
FÖRSIKTIHETSMÅTT:
Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet.
Stickproppen används för att helt bryta strömförsörjningen till apparaten, och den måste vara lättillgänglig för användaren.

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.

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

- Avoid high temperatures
  Allow for sufficient heat dispersion when installed in a rack
- Vermeiden Sie hohe Temperaturen
  Beachten Sie dass eine ausreichende Belüftung gewährleistet wird wenn das Gerät auf ein Regal gestellt wird
- Eviter des températures élevées
  Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère
- Evitate di esporre l'unità a temperature elevate
  Assicuratevi che vi sia un'adeguata dispersione del calore quando installate l'unità in un mobile per componenti audio
- Evite altas temperaturas
  Permite la suficiente dispersión del calor cuando está instalado en la consola
- Vermijd hoge temperaturen
  Zorg er bij installatie in een audiorack voor dat de door het toestel geproduceerde warmte goed kan worden afgevoerd
- Undvik höga temperaturer
  Se till att det finns möjlighet till god värmeavledning vid montering i ett rack

- Handle the power cord carefully
  Hold the plug when unplugging the cord
- Gehen Sie vorsichtig mit dem Netzkabel um
  Halten Sie das Kabel am Stecker wenn Sie den Stecker herausziehen
- Manipuler le cordon d'alimentation avec précaution
  Tenir la prise lors du débranchement du cordon
- Maneggiate il cavo di alimentazione con attenzione
  Tenete ferma la spina quando scollegate il cavo dalla presa
- Maneje el cordón de energía con cuidado
  Sostenga el enchufe cuando desconecte el cordón de energía
- Hanteer het netsnoer voorzichtig
  Houd het snoer bij de stekker vast wanneer deze moet worden aan of losgekoppeld
- Hantera nätkabeln varsamt
  Håll i kabeln när den kopplas från el uttaget

- Keep the unit free from moisture water and dust
- Halten Sie das Gerät von Feuchtigkeit Wasser und Staub fern
- Protéger l'appareil contre l'humidité l'eau et la poussière
- Tenete l'unità lontana dall'umidità dall'acqua e dalla polvere
- Mantenga el equipo libre de humedad agua y polvo
- Laat geen vochtigheid water of stof in het apparaat binnendringen
- Utsätt inte apparaten för fukt vatten och damm

- Unplug the power cord when not using the unit for long periods of time
- Wenn das Gerät längere Zeit nicht verwendet werden soll trennen Sie das Netzkabel vom Netzstecker
- Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes
- Scollegate il cavo di alimentazione quando prevedete di non utilizzare l'unità per un lungo periodo di tempo
- Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo
- Neem altijd het netsnoer uit het stopkontakt wanneer het apparaat gedurende een lange periode niet wordt gebruikt
- Koppla loss nätkabeln om apparaten inte kommer att användas i lång tid

* (For apparatuses with ventilation holes)
- Do not obstruct the ventilation holes
- Decken Sie den Lüftungsbereich nicht ab
- Ne pas obstruer les trous d'aération
- Non coprite i fori di ventilazione
- No obstruya los orificios de ventilación
- De ventilatieopeningen mogen niet worden beblokkeerd
- Täpp inte till ventilationsöppningarna

- Do not let foreign objects into the unit
- Lassen Sie keine fremden Gegenstände in das Gerät kommen
- Ne pas laisser des objets étrangers dans l'appareil
- Non inserite corpi estranei all'interno dell'unità
- No deje objetos extraños dentro del equipo
- Laat geen vreemde voorwerpen in dit apparaat vallen
- Se till att främmande föremål inte tränger in i apparaten

- Do not let insecticides benzene and thinner come in contact with the unit
- Lassen Sie das Gerät nicht mit Insektiziden Benzin oder Verdünnungsmitteln in Berührung kommen
- Ne pas mettre en contact des insecticides du benzène et un diluant avec l'appareil
- Assicuratevi che l'unità non entri in contatto con insetticidi benzolo o solventi
- No permita el contacto de insecticidas gasolina y diluyentes con el equipo
- Voorkom dat insecticiden benzeen of verfverdunner met dit toestel in contact komen
- Se till att inte insektsmedel på spraybruk bensen och thinner kommer i kontakt med apparatens hölje

- Never disassemble or modify the unit in any way
- Versuchen Sie niemals das Gerät auseinander zu nehmen oder zu verändern
- Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre
- Non smontate né modificate l'unità in alcun modo
- Nunca desarme o modifique el equipo de ninguna manera
- Dit toestel mag niet gedemonteerd of aangepast worden
- Ta inte isär apparaten och försök inte bygga om den

CAUTION:
- The ventilation should not be impeded by covering the ventilation openings with items such as newspapers tablecloths curtains etc
- No naked flame sources such as lighted candles should be placed on the unit
- Observe and follow local regulations regarding battery disposal
- Do not expose the unit to dripping or splashing fluids
- Do not place objects filled with liquids such as vases on the unit

ACHTUNG:
- Die Belüftung sollte auf keinen Fall durch das Abdecken der Belüftungsöffnungen durch Gegenstände wie beispielsweise Zeitungen Tischtücher Vorhänge o Ä behindert werden
- Auf dem Gerät sollten keinerlei direkte Feuerquellen wie beispielsweise angezündete Kerzen aufgestellt werden
- Bitte beachten Sie bei der Entsorgung der Batterien die örtlich geltenden Umweltbestimmungen
- Das Gerät sollte keiner tropfenden oder spritzenden Flüssigkeit ausgesetzt werden
- Auf dem Gerät sollten keine mit Flüssigkeit gefüllten Behälter wie beispielsweise Vasen aufgestellt werden

ATTENTION:
- La ventilation ne doit pas être gênée en recouvrant les ouvertures de la ventilation avec des objets tels que journaux rideaux tissus etc
- Aucune flamme nue par exemple une bougie ne doit être placée sur l'appareil
- Veillez à respecter les lois en vigueur lorsque vous jetez les piles usagées
- L'appareil ne doit pas être exposé à l'eau ou à l'humidité
- Ne pas poser d'objet contenant du liquide par exemple un vase sur l'appareil

ATTENZIONE:
- Le aperture di ventilazione non devono essere ostruite coprendole con oggetti quali giornali tovaglie tende e così via
- Non posizionate sull'unità fiamme libere come ad esempio candele accese
- Prestate attenzione agli aspetti legati alla tutela dell'ambiente nello smaltimento delle batterie
- L'apparecchiatura non deve essere esposta a gocciolii o spruzzi
- Non posizionate sull'unità alcun oggetto contenente liquidi come ad esempio i vasi

PRECAUCIÓN:
- La ventilación no debe quedar obstruida por haberse cubierto las aperturas con objetos como periódicos manteles cortinas etc
- No debe colocarse sobre el aparato ninguna fuente inflamable sin protección como velas encendidas
- A la hora de deshacerse de las pilas respete la normativa para el cuidado del medio ambiente
- No exponer el aparato al goteo o salpicaduras cuando se utilice
- No colocar sobre el aparato objetos llenos de líquido como jarros

WAARSCHUWING:
- De ventilatie mag niet worden belemmerd door de ventilatieopeningen af te dekken met bijvoorbeeld kranten een tafelkleed gordijnen enz
- Plaats geen open vlammen bijvoorbeeld een brandende kaars op het apparaat
- Houd u steeds aan de milieuvoorschriften wanneer u gebruikte batterijen wegdoet
- Stel het apparaat niet bloot aan druppels of spatten
- Plaats geen voorwerpen gevuld met water bijvoorbeeld een vaas op het apparaat

OBSERVERA:
- Ventilationen bör inte förhindras genom att täcka för ventilationsöppningarna med föremål såsom tidningar bordsdukar gardiner osv
- Inga blottade brandkällor såsom tända ljus får placeras på apparaten
- Tänk på miljöaspekterna när du bortskaffar batterier
- Apparaten får inte utsättas för vätska
- Placera inte föremål fyllda med vätska t ex vaser på apparaten

• DECLARATION OF CONFORMITY

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 2006/95/EC and 2004/108/EC Directive

• ÜBEREINSTIMMUNGSERKLÄRUNG

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
Entspricht den Verordnungen der Direktive 2006/95/EC und 2004/108/EC

• DECLARATION DE CONFORMITE

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
D'après les dispositions de la Directive 2006/95/EC et 2004/108/EC

• DICHIARAZIONE DI CONFORMITÀ

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
In conformità con le condizioni delle direttive 2006/95/EC e 2004/108/EC
QUESTO PRODOTTO E' CONFORME
AL D M 28/08/95 N 548

• DECLARACIÓN DE CONFORMIDAD

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
Siguiendo las provisiones de las Directivas 2006/95/EC y 2004/108/EC

• EENVORMIGHEIDSVERKLARING

Wij verklaren uitsluitend op onze verantwoordelijkheid dat dit product, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen:
EN60065, EN55013, EN55020, EN61000 3 2 en EN61000 3 3
Volgens de bepalingen van de Richtlijnen 2006/95/EC en 2004/108/EC

• ÖVERENSSTÄMMELSESINTYG

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
Enligt stadgarna i direktiv 2006/95/EC och 2004/108/EC

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

❏ Contents

Getting Started

Thank you for purchasing this DENON product. To ensure proper operation, please read this owner's manual carefully before using the product.
After reading them, be sure to keep them for future reference.

Main Features

1. Advanced AL32 Processing and High-precision 32bit D/A Converter

Equipped with Advanced AL32 Processing, DENON's own analog waveform reproduction technology.
The reproducibility of weak signals is enhanced by expanding 16 bit digital data to 32 bit.
Also equipped with a high-performance, 32 bit/192 kHz-compatible D/A Converter for analog signal conversion of the digital data expanded with Advanced AL32 Processing.

2. Playback of MP3 and WMA files

A USB port is mounted on the Front Panel. MP3/WMA files can be played by connecting a USB Player, USB memory device or discs. An iPod is connected using the USB cable supplied with the iPod. Music files in an iPod, USB Player or USB memory device are transmitted via digital signal and can be enjoyed at high audio quality using the DCD-2010AE's own audio circuitry.

3. Advanced S.V.H. Mechanism & Direct Mechanical Ground Construction

In the newly developed Advanced S.V.H. Mechanism, each individual part, including the aluminum die-cast tray, is composed of different metallic materials each designed for their specific purpose. This produces outstanding vibration-damping properties, including damping enhancement and diffusion of the resonance point due to the high mass. The mechanism is designed with a low center of gravity, reducing vibration from the inner area during disc rotation, and its structure is also highly resistant to external vibration.
It also employs Direct Mechanical Ground Construction, which completely eliminates the impact of internal and external vibration, for example by locating the power transformer close to the foot. This prevents the transmission of unwanted vibration as well as noise outflow.

Accessories

Check that the following parts are supplied with the product.

q Owner's manual 1
w Service station list.. 1
e Power cord (Cord length: Approx. 1.5 m).............................. 1
r Remote control unit (RC-1138) 1
t R03/AAA battery... 2
y Audio cable (Cord length: Approx. 1.5 m) 1

e   r

t   y
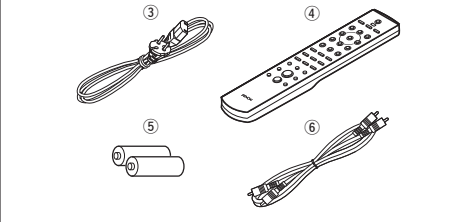
Cautions on Handling

• **Before turning the power switch on**
  Check once again that all connections are correct and that there are no problems with the connection cables.

• When traveling or leaving home for long periods of time, be sure to unplug the power cord from the power outlet.

• **Sufficiently ventilate the place of installation**
  If the unit is left in a room full of the smoke from cigarettes, etc., for long periods of time, the surface of the optical pickup could get dirty, in which case it will not be able to read the 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 so, move the mobile phone away from this unit when it is in use.

• **Moving the unit**
  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.

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

Discs

Discs Usable on the DCD-2010AE

❶ **Super Audio CDs**
  Super Audio CDs marked with the logotypes indicated below can be played on this unit.

SUPER AUDIO CD   **Stereo Multi-ch**

There are three types of Super Audio CDs:
q Single layer disc
  Single layer Super Audio CD with only an HD layer.
w Dual layer disc
  Super Audio CD with a double HD layer, offering extended playing time and high sound quality.
e Hybrid disc
  Two-layer Super Audio CD with an HD layer and a CD layer.
  The signals on the CD layer can be played on a regular CD player.

Types of Super Audio CDs

Single layer disc	Dual layer disc	Hybrid disc
HD layer	HD layer	CD layer HD layer
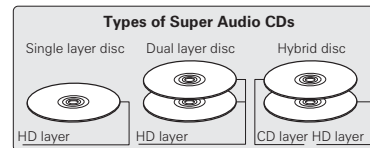
※ **What is the HD layer?**
  The HD layer is a layer of high density signals for Super Audio CDs.

※ **What is the CD layer?**
  The CD layer is the layer of signals that can be read on a regular CD player.

When "Multi-channel" is selected with the **DISC LAYER** button, down-mixed audio is output to the L and R channels.

❷ **Music CDs**
  Discs marked with the logotype right can be played in this unit.

COMPACT DISC DIGITAL AUDIO

❸ **CD-R/CD-RW**

NOTE

• Discs with special shapes (heart-shaped discs, octagonal discs, etc.) cannot be played. Do not attempt to play them, as doing so can damage the product.
• Some discs and some recording formats may not be playable.
• 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

Do not touch the signal surface.

2

Loading Discs

• Set the disc with the labeled side facing up.
• Make sure the disc tray is fully open when inserting the disc.
• Place the discs flatly, 12 cm discs in the outer tray guide (Figure 1), 8 cm discs in the inner tray guide (Figure 2).

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┌── Figure 1 ──────┐   ┌── Figure 2 ──────┐
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Outer tray guide   Inner tray guide

12 cm disc   8 cm disc
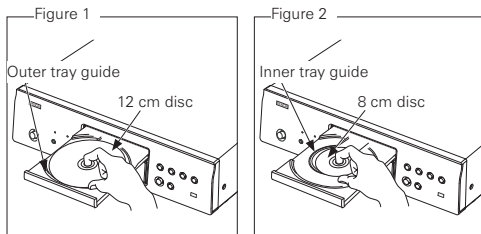
• Place 8 cm discs in the inner tray guide without using an adapter.

• "TRACK0 0m00s" is displayed if a disc that cannot be played is loaded.
• "NO DISC" is displayed if the disc is loaded upside-down or if no disc is loaded.

NOTE

Do not push the disc tray in by hand when the power is turned off. Doing so could damage the set.

Cautions on Loading Discs

• Only load one disc at a time. Loading two or more discs can damage the unit or scratch the discs.
• 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.

Cautions on Handling

• 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 at 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 hairdryer, 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:
  1. Places exposed to direct sunlight for long periods of time
 2. Dusty or humid places
  3. Places exposed to heat from heating appliances, etc.

Cleaning Discs

• If there are fingerprints or dirt on discs, 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.
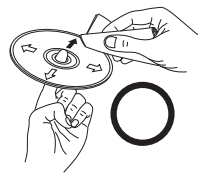
Gently wipe the disc from the inside towards the outside.
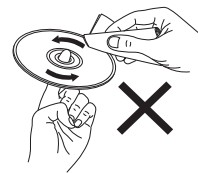
Do not wipe with a circular motion.

NOTE

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

About the Remote Control Unit

Inserting the Batteries

① Remove the remote control unit's rear cover.

② Set two R03/AAA batteries in the battery compartment in the indicated direction.
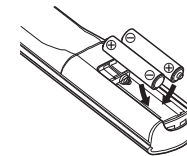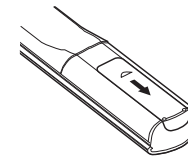
③ Put the rear cover back on.

NOTE

• Replace the batteries with new ones if the set does not operate even when the remote control unit is operated close to the unit.
• The supplied batteries are only for verifying operation.
• When inserting the batteries, be sure to do so in the proper direction, following the "⊕" and "⊖" marks in the battery compartment.
• To prevent damage or leakage of battery fluid:
  • Do not use a new battery together with an old one.
  • Do not use two different types of batteries.
  • Do not attempt to charge dry batteries.
  • Do not short-circuit, disassemble, heat or dispose of batteries in flames.
• If the battery fluid should leak, carefully wipe the fluid off the inside of the battery compartment and insert new batteries.
• Remove the batteries from the remote control unit if it will not be in use for long periods.
• Used batteries should be disposed of in accordance with the local regulations regarding battery disposal.

Getting Started | Connections | Playback | Troubleshooting | Specifications

About the Remote Control Unit

Operating Range of the Remote Control Unit

Point the remote control unit at the remote sensor when operating it.

30°
30°

Approx. 8 m
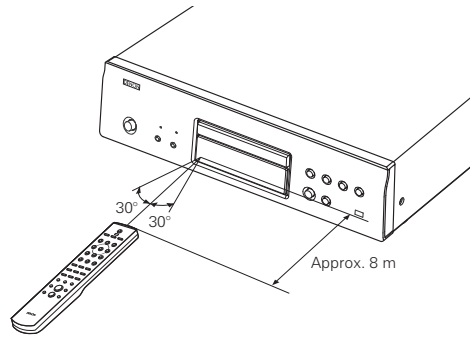
NOTE

The set may function improperly or the remote control unit may not operate if the remote control sensor is exposed to direct sunlight, strong artificial light from an inverter type fluorescent lamp or infrared light.

Part Names and Functions

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

Front Panel

DENON

ADVANCED *AL32* PROCESSING

SUPER AUDIO CD PLAYER DCD-2010AE
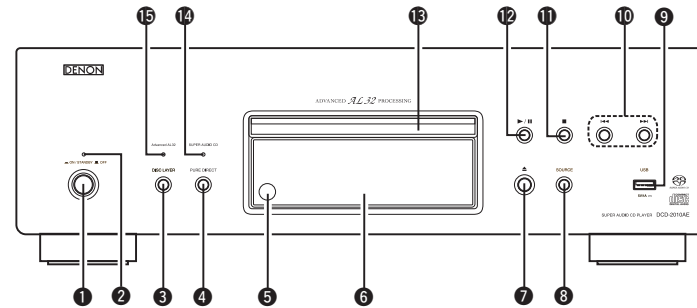
q **Power switch (◢ON/STANDBY ■OFF)** (8)
w **Power indicator** (8)
   • Power "ON"   Green
   • Standby   Red
   • Power "OFF"   Off
e **DISC LAYER button** (8)
r **PURE DIRECT button** (9)
t **Remote control sensor** (4)
y **Display** (5)
u **Disc tray open/close button (⏏)** (3)
i **SOURCE button** (8)
o **USB port (USB)** (8)
a **Reverse-skip/Forward-skip buttons (I◀◀, ▶▶I)** (9)

s **Stop button (■)** (9)
d **Play/Pause button (▶/II)** (9)
f **Disc tray** (3)
g **SUPER AUDIO CD indicator**
   This indicator lights when playing a Super Audio CD.
h **Advanced AL32 Processing indicator**
   When a CD is loaded or the MP3/WMA file is set, the Advanced AL32 Processing circuit (which reproduces analog waveforms) is activated and this lights. This also lights when digital data is input from one of the external inputs (OPTICAL or COAXIAL) or the USB port.

Rear Panel
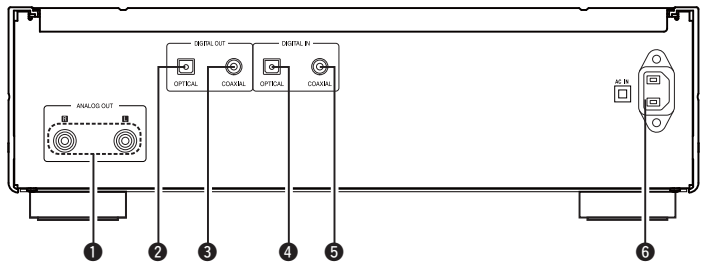
➊ **ANALOG OUT connectors** (7)
➋ **DIGITAL OUT OPTICAL connector** (7)
➌ **DIGITAL OUT COAXIAL connector** (7)
➍ **DIGITAL IN OPTICAL connector** (7)
➎ **DIGITAL IN COAXIAL connector** (7)
➏ **AC inlet (AC IN)** (7)

Display
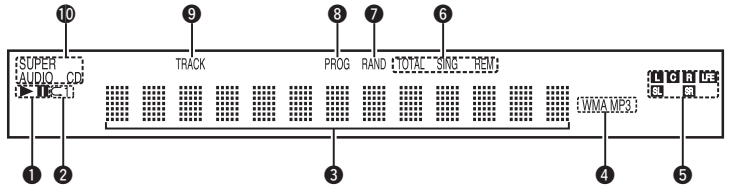
➊ **Playback mode indicators**
   ▶ :During Playback
   ❙❙ :During pause

➋ **Repeat mode indicators**
The display switches as follows each time the **REPEAT** button on the remote control unit is pressed.

$\circlearrowleft$ 1 (1-track repeat) → $\circlearrowleft$ (All-track repeat) → Not displayed (Repeat off)

➌ **Information display**
Various information is displayed here, depending on the operation mode.

➍ **Playback format indicators**

NOTE

In FOLDER mode, the "MP3" or "WMA" indicator flashes.

➎ **Playback signal channel indicator**
   L : Front left   **LFE** : Subwoofer
   C : Center   **SL** : Surround left
   R : Front right   **SR** : Surround right

➏ **Time display indicator**
   SING REM : Lights up when displaying the remaining time in single-track playback.
   TOTAL REM : Lights up when displaying the remaining time in all-track playback.

➐ **Random indicator**
Lights up during random playback.

➑ **Program indicator**
Lights up during program playback.

➒ **Track number indicator**
Lights up when displaying the track number.

➓ **Playback media indicator**

5

Part Names and Functions

Remote Control Unit
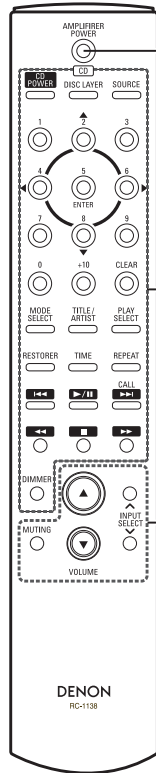
DENON
RC-1138

✎
• The included remote control unit can be used to operate DENON amplifiers.
• When using it, also refer to the operating instructions of the other devices.
• Some products may not be operable.

Amplifier operating buttons

The buttons can be used to operate an amplifier supported by the supplied remote control unit (such as the PMA-2010AE). See the Owner's Manual of the amplifier for information on how to operate it.

CD player operating buttons

CD POWER button	(8)
DISC LAYER button	(8)
SOURCE button	(8)
Number buttons (0 ~ 9, +10)	(9)
Cursor buttons (△▽◁ ▷)	(10)
ENTER button	(10)
CLEAR button	(10)
MODE SELECT button	(10)
TITLE/ARTIST button	(10)
PLAY SELECT button	(9)
RESTORER button	(12)
TIME button	(9)
REPEAT button	(9)
Reverse-skip button (I◀◀)	(9)
Play/Pause button (▶/Ⅱ)	(8)
Forward-skip (▶▶I) / CALL button	(9, 10)
Fast-reversing button (◀◀)	(9)
Stop button (■)	(9)
Fast-forwarding button (▶▶)	(9)
DIMMER button	(9)

Amplifier operating buttons

The buttons can be used to operate an amplifier supported by the supplied remote control unit (such as the PMA-2010AE). See the Owner's Manual of the amplifier for information on how to operate it.

Connections

Connections for all compatible audio signal formats are described in this owner's manual. Please select the types of connections suited for the equipment you are connecting.

NOTE

• Do not plug in the power cord until all connections have been completed.
• When making connections, also refer to the owner's manual of the other components.
• Be sure to connect the left and right channels properly (left with left, right with right).
• Do not bundle power cords together with connection cables.
  Doing so can result in humming or noise.

Preparations

Cables Used for Connections

Select the cables according to the equipment being connected.

Audio cables
Analog connections (stereo)
Audio cable (supplied)
Optical digital connections
Optical cable (sold separately)
Coaxial digital connections
Coaxial digital cable (sold separately)
iPod connections
iPod cable (sold separately)

Analog Connections

Amplifier

AUDIO

AUDIO
IN
L   R

ANALOG OUT

OPTICAL

Digital Connections

**CD recorder /
MD recorder**

AUDIO

OPTICAL
IN

COAXIAL
IN

DIGITAL OUT   DIGITAL IN

OPTICAL   COAXIAL   OPTICAL   COAXIAL
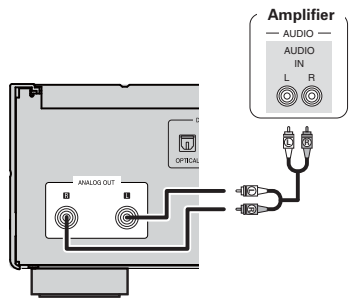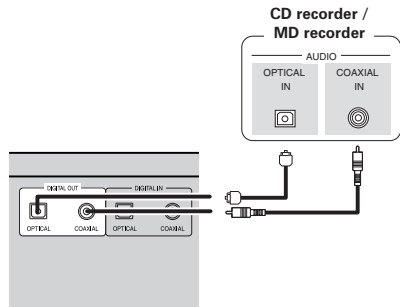
❑ **When connecting the optical digital output connector
with an optical transmission cable (sold separately)**

Protective cap   Match the shapes

Remove the protective cap, match the shapes then insert firmly all
the way in.

Store the protective cap in a safe place so as not to lose it, and
use it when not using the terminal.

USB Port Connections

USB Memory Device

USB

USB

SOURCE

SUPER AUDIO CD PLAYER   DCD-2010AE
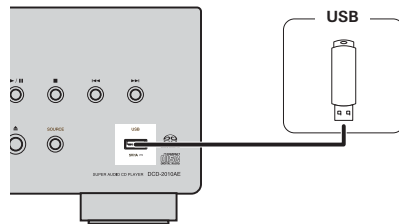
NOTE

• Do not use an extension cable when connecting a USB Memory
device.
• It is not possible to connect and use a computer via the DCD-
2010AE's USB port using a USB cable.
• For details about USB memory devices, see "Playable USB Memory
Formats" (☞ page 14).

iPod

iPod

USB

SOURCE

SUPER AUDIO CD PLAYER   DCD-2010AE
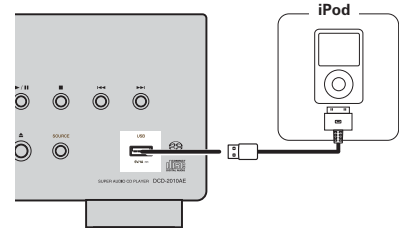
• To connect an iPod to the DCD-2010AE, use the USB cable supplied
with the iPod.
• For iPods, playback is possible on iPod touch, classic and nano sold
from generation 5 on. For details, check the Web (www.denon.
com).

Digital Input Connections

The DCD-2010AE can be used as a D/A converter (☞ page 15).

**CD player /
Satellite receiver /
MD recorder etc.**

AUDIO

OPTICAL
OUT

COAXIAL
OUT

DIGITAL OUT   DIGITAL IN

OPTICAL   COAXIAL   OPTICAL   COAXIAL
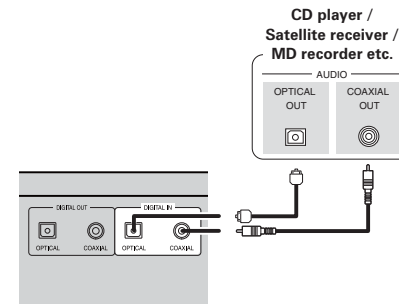
Connecting the Power Cord

To household power outlet
(AC 230 V, 50 Hz)

AC IN

Power cord
(included)
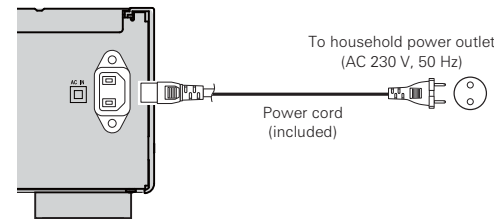
NOTE

• Insert the plugs securely. Incomplete connections will result in the
generation of noise.
• Do not unplug the power cord while the set is operating.

Once Connections are
Completed

Turning the Power On (☞ page 8)

7

Playback

📖 **Symbols used to indicate buttons in this manual**

Button located on both the main unit
and the remote control unit ➞ **BUTTON**
Button only on the main unit ➞ **<BUTTON>**
Button only on the remote control unit ➞ **[BUTTON]**

<PURE DIRECT>   **|◀◀, ▶▶|**
DISC LAYER   Disc tray   **▶/Ⅱ**   **■**

<ON/STANDBY / OFF>   **SOURCE**

[CD POWER]
DISC LAYER   **SOURCE**

[NUMBER]
(0~9, +10)

[TIME]   **[PLAY SELECT]**
▶/Ⅱ   **[REPEAT]**
|◀◀, ▶▶|
[◀◀, ▶▶]
[DIMMER]   **■**
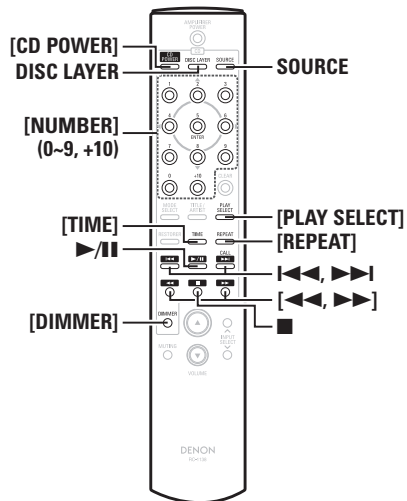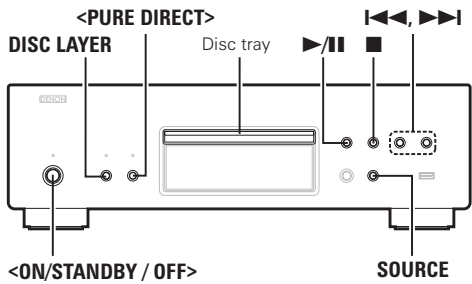
Preparations

Setting the top priority playback layer for Super Audio CDs

• The layer that is played with priority when the disc is loaded can be set.
• Upon purchase, the priority layer is set to the "STEREO".

1 Turn the DCD-2010AE power on.
(Press **<ON/STANDBY / OFF>**.)

2 Check that no disc is loaded.

※ If the layer is switched while the disc is being loaded, the playback layer switches for that disc, but the top priority playback layer setting itself does not change.

3 Press **SOURCE** to set the playback media mode to "DISC".

4 Press **DISC LAYER** and switch to the layer you want to set (Super Audio CD only).
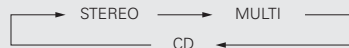
➞ STEREO ➞ MULTI
CD ◀

[Selectable items]

STEREO : Plays back the 2-channel area of the Super Audio CD (the default setting).
MULTI : Plays back the multi-channel area of the Super Audio CD. The analog output of the DCD-2010AE outputs a down-mixed 2-channel signal.
CD : Plays back the CD layer of the Super Audio CD.

※ When a disc is loaded after the setting has been made, the contents recorded on the set layer are displayed.
※ If a disc that does not contain the layer set for top priority playback is loaded, the contents recorded on another layer are displayed automatically.
※ This setting is stored in the memory and is not cleared even when the disc holder is opened or closed or the power is turned off. To change the setting, repeat the procedure above.

🖉

• The priority playback layer cannot be set when a disc is inserted or "OPEN" is shown on the display.
• During playback of the multi-channel area, the analog output of the DCD-2010AE plays back a 2-channel downmix.
• If the area and layer have not been set for a disc, the priority playback order is as follows:
① STEREO   ② MULTI   ③ CD
• This setting is memorized by the DCD-2010AE and is retained even if the disc tray is opened/closed or the power is switched on/off. Please reconfigure the settings if you wish to change them.

NOTE

Do not place any foreign objects in the disc tray. Doing so could damage it.

Before Playing a USB or an iPod

1 Turn the DCD-2010AE power on.
(Press **<ON/STANDBY / OFF>**.)

2 Connect USB memory device or iPod connection cable.
• When the USB memory device or iPod is connected to the USB port on the DCD-2010AE, the source media mode automatically switches to "USB" and file playback begins.

🖉

The playback media mode setting remains in the memory, even when the power is set to standby.

❏ **Setting the power to the standby mode**
Press **[CD POWER]**.

❏ **Canceling the standby mode**
Press **[CD POWER]** again.

❏ **Turning the power off**
Press **<ON/STANDBY / OFF>**.

NOTE

• Be sure to stop playback before turning the power off.
• Make sure that the disc tray is completely shut before turning off the power.

Operations Possible During Playback

Switching the Display's Brightness

Press [DIMMER].

Bright → Dim → Dark → OFF →
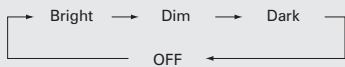
※ The display's brightness switches each time the button is pressed.

Switching the Pure Direct Mode

In the stop mode, press <PURE DIRECT>.

※ In Pure Direct Mode, the DCD-2010AE is in the following state:
  • Display: OFF
  • Digital output: OFF

CD Playback

Playing CDs

1 Playback preparation (☞ page 8 "Setting the top priority playback layer for Super Audio CDs").

2 Press ►/Ⅱ.
The "►" indicator lights and playback begins.

❏ **Stopping Playback**
Press ■.

❏ **Stopping Playback Temporarily**
Press ►/Ⅱ.
The "Ⅱ" indicator lights.
※ To resume playback, press ►/Ⅱ.

❏ **Fast-Forwarding and Fast-Reversing (searching)**
During playback, press and hold in [◄◄, ►►].

❏ **Moving to the Beginning of Tracks (skipping)**
During playback, press I◄◄, ►►I.
※ The disc is skipped the number of tracks equal to the number of times the button is pressed.
※ When pressed once in the return direction, playback returns to the beginning of the currently playing track.

❏ **To Play the Desired Track**
(Remote Control Unit Only)
Press **[NUMBER]** (0 ～ 9, **+10**) to select the track.
【Example】: Track 4 : **[4]**
【Example】: Track 12 : **[+10]**, **[2]**
【Example】: Track 20 : **[+10]**, **[+10]**, **[0]**

To display text (Super Audio CD only)

• With Super Audio CDs that contain text information, the text information included on the disc can be displayed while in the stop or play mode.
• The album title, artist name and track titles can be displayed.
• Displayable characters are capital and small letters, numbers and some symbols.

In the stop mode, press [TITLE/ARTIST].

The album title scrolls on the display ⟷ The album's artist name scrolls on the display

※ The display switches each time the button is pressed.

To switch to the display of the recorded time while text information is being displayed, press **[TIME]**.

Playing Repeatedly <Repeat Playback>

Press [REPEAT].
Playback in the respective repeat mode starts.

↻1 1-track repeat → ↻ All-track repeat → Not Displayed (Repeat off) →
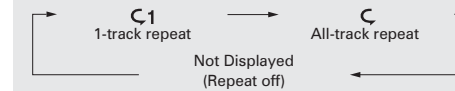
[Selectable items]

↻ 1 (1-track repeat)	: Only 1 track is played repeatedly.
↻ (All-track repeat)	: All tracks are played repeatedly.
Not Displayed (Repeat off)	: Normal playback resumes.

Playing Random Order <Random Playback>

1 In the stop mode, press **[PLAY SELECT]** until "RAND" is lights.

※ Each time **[PLAY SELECT]** is pressed, the display changes as follows:

RAND → PROG → indicator turns off →
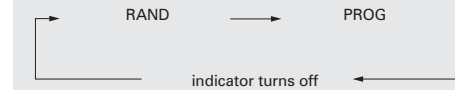
2 Press ►/Ⅱ.
The tracks start playing in random order.

❏ **Stopping Random Playback**
In the stop mode, **[PLAY SELECT]** twice.
The "RAND" indicator turns off.

NOTE

Direct searching is not possible during random playback.

☞ **Symbols used to indicate buttons in this manual**

Button located on both the main unit
and the remote control unit ⟶ **BUTTON**
Button only on the main unit ⟶ **<BUTTON>**
Button only on the remote control unit ⟶ **[BUTTON]**

▶/Ⅱ

[NUMBER]
(0~9, +10)

[ENTER]
[△ ▽ ◁▷]

[MODE SELECT]
[TITLE/ARTIST]

[PLAY SELECT]
[REPEAT]

▶/Ⅱ

[CALL]
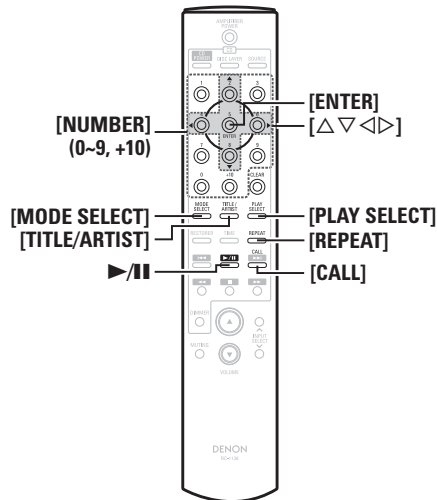
CD Playback

Playing Tracks in the Desired Order
<Program playback>

Up to 20 tracks can be programmed.

1 In the stop mode, press **[PLAY SELECT]** until "PROG" is lights.

※ Each time **[PLAY SELECT]** is pressed, the display changes as follows:

RAND ⟶ PROG

Indicator turn off
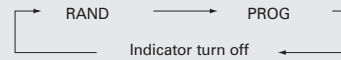
2 Use **[NUMBER]** (0 ~ 9, +10) to select the traks.
[Example]
To program tracks 3, 12, 7 to play in that order:
Press **[3]**, **[+10]**, **[2]**, **[7]**.

3 Press ▶/Ⅱ.
Playback starts in the programmed order.

❏ **Checking the order of the programmed tracks**
In the stop mode, press **[CALL]**.
The track numbers are displayed in the programmed order each time the button is pressed.

❏ **To clear the last track programmed**
In the stop mode, press **[CLEAR]**.
The last track programmed is cleared each time the button is pressed.

❏ **Clearing the all programmed track**
In the stop mode, press **[PLAY SELECT]**.

✎
• When **[REPEAT]** is pressed during program playback, the tracks are played repeatedly in the programmed order.
• Programmed playback is not possible with MP3/WMA discs.

Playback of MP3 and WMA Files

There are many music distribution sites on the Internet allowing you to download music files in MP3 or WMA (Windows Media® Audio) format. The music (files) downloaded from such sites can be stored on CD-R or CD-RW discs and played on the DCD-2010AE.

"Windows Media" and "Windows" are registered trademarks or trademarks in the United States and other countries of Microsoft Corporation of the United States.

About the MP3 and WMA Formats That Can be Played

CD-R and CD-RW discs created in the format described below can be played.

Writing software format

ISO9660 level 1

※ When written in other formats, it may not be possible to play the disc properly.

Maximum number of playable files and folders

Total number of folders and files : 1000
Number of folders : 255

File format

MP3 (MPEG-1 Audio Layer-3)
WMA (Windows Media Audio)

ENGLISH

Playback of MP3 and WMA Files

Getting Started

Connections

Playback

Troubleshooting

Specifications

Tag data

ID3-Tag (Ver. 1.x and 2.x)
META-Tag
(Compatible with title, artist and album names)

Playable MP3/WMA file			
File format	Sampling frequency	Bit rate	Extension
MP3	32, 44.1, 48 kHz	32 320 kbps	.mp3
WMA	32, 44.1, 48 kHz	64 160 kbps	.wma

• Only music files that are not copyright-protected can be played on this set.
• Be sure to give files the extension ".MP3" or ".WMA". Files with any other extensions or with no extensions cannot be played.
• Recordings you have made should only be used for your personal enjoyment, and as per copyright laws may not be used in other ways without permission of the copyright holder.

❏ Folder mode and disc mode settings

Press **[MODE SELECT]** to switch the range of the files to be played.

• Folder mode

The "WMA" or "MP3" indicator flashes.
The files in the selected folder are played.

• Disc mode

The "WMA" or "MP3" indicator lights.
All the files on the disc are played.

Playing MP3 and WMA Files

1 Load a CD-R or CD-RW disc containing music files in the MP3 or WMA format into the disc tray (☞ page 3).

2 Press **[MODE SELECT]** to select the folder mode or disc mode.

※ Refer to "Folder mode and disc mode settings" (☞ page 11).

3 Press ►/II.
Playback starts.

❏ Changing the folder to be played

Use [△, ▽] to select the desired folder, and then press **[ENTER]**.

❏ Changing the file to be played

Use [◁, ▷] to select the desired file, and then press **[ENTER]**.

When a folder is selected, playback switches to the first track of the selected folder.

❏ Switching the Display

During playback, press **[TITLE/ARTIST]**.

```
┌──────→  Folder name  ──────→  File name  ──────┐
```

※ With the DCD-2010AE, the folder and file names can be displayed like titles. Up to 11 characters consisting of numbers, letters and the underscore can be displayed. Characters that cannot be displayed are replaced with asterisks.

※ The characters that can be displayed are as follows:

| A ~ Z | a ~ z | 0 ~ 9 |

| ! " # $ % & : ; < > ? @ \ [ ] _ ` | { } ˜ ^ ' ( ) * + , - . /   (space) |

Listening to MP3 or WMA files in random order (Random playback)

1 Press **[MODE SELECT]** to select the disc mode.

※ Refer to "Folder mode and disc mode settings" (☞ page 11).

2 In the stop mode, press **[PLAY SELECT]**.
The "RAND" indicator lights.

3 Press ►/II or **[ENTER]**.
Tracks are selected and played automatically in random order.

❏ Canceling random playback

In the stop mode, press **[PLAY SELECT]**.
• The "RAND" indicator turns off.

Listening to MP3 or WMA files repeatedly (Repeat folder/disc playback)

1 Press **[MODE SELECT]** to select the folder mode or disc mode.
※ Refer to "Folder mode and disc mode settings" (☞ page 11).

2 Press **[REPEAT]** to select the repeat mode.
Playback in the respective repeat mode starts.

```
┌──────→  ↻1  ──────→  ↻  ──────┐
│              Not displayed              │
└──────      (Repeat off)      ←──────┘
```

3 Press ►/II.
Either the files in the selected folder or all the files on the disc are played repeatedly.

❏ Canceling repeat folder/disc playback

Press **[REPEAT]** until the "↻" indicator turns off.

Symbols used to indicate buttons in this manual

Button located on both the main unit
and the remote control unit ⟶ **BUTTON**
Button only on the main unit ⟶ **<BUTTON>**
Button only on the remote control unit ⟶ **[BUTTON]**

▶/◫

SOURCE

[△▽◁▷]

[ENTER]

[TITLE/ARTIST]

[PLAY SELECT]

[MODE SELECT]

[REPEAT]

[RESTORER]

▶/◫

[I◀◀, ▶▶I]

[◀◀, ▶▶]

DENON

Playback of MP3 and WMA Files

Playback with the RESTORER function

This function restores compressed audio signals to how they were before compression and corrects the sense of volume of the bass and treble to obtain richer playback sound.

Press [RESTORER] to select the RESTORER mode.
[Selectable items]

OFF	: Do not use RESTORER function (the default setting).
MODE 1 (RESTORER 64)	: Optimized mode for compressed sources with very weak highs.
MODE 2 (RESTORER 96)	: Apply suitable bass and treble boost for all compressed sources.
MODE 3 (RESTORER HQ)	: Optimized mode for compressed sources with normal highs.

• The RESTORER function is effective when playing back MP3 files and WMA files recorded on a disc or USB memory device, and also during iPod playback. However, it is not effective when "EXT IN OPT" and "EXT IN COAX" are selected with the **SOURCE** button.
• This can also be set by pressing **[RESTORER]** during playback.

```
  ┌──→ OFF ──→ MODE 1      ──→ MODE 2
  │            (RESTORER 64)    (RESTORER 96)
  │                                   │
  └──────────  MODE 3  ←──────────────┘
               (RESTORER HQ)
```

About the RESTORER function

Such compressed audio formats as MP3, WMA (Windows Media Audio) and MPEG-4 AAC reduce the amount of data by eliminating signal components that are hard for the human ear to hear. The RESTORER function generates the signals eliminated upon compression, restoring the sound to conditions near those of the original sound before compression. It also corrects the sense of volume of the bass to obtain richer sound with compressed audio signals.

---

iPod® Playback

With the DCD-2010AE, you can listen to music on an iPod. It is also possible to operate the iPod from the main unit or remote control unit.

Made for iPod

"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

※ The iPod may only be used to copy or play contents that are not copyrighted or contents for which copying or playback is legally permitted for your private use as an individual. Be sure to comply with applicable copyright legislation.

Playing iPod®

1 Playback preparation (☞ page 8 "Before Playing USB or an iPod").

2 Press **[MODE SELECT]** to select the display mode.
The mode switches each time the button is pressed.

Display mode		Browse mode	Remote mode
Display location		Main unit display	iPod display
Playable files	Audio file	○	○
	Video file	×	○
Active buttons	Remote control unit and Main unit (DCD-2010AE)	○	○
	iPod	×	○

3 Use [△ ▽] to select the item, then press **[ENTER]** or **[▷]** to select the music file to be played.

4 Press ▶/II.
Playback starts.

Remote control unit and iPod button relations

Remote control unit buttons	iPod buttons	Operation on the DCD-2010AE
▶/II	▶II	Play the track ※ Play/Pause in remote mode
I◀◀, ▶▶I	I◀◀, ▶▶I	Play the track from the beginning / Play the next track
I◀◀, ▶▶I (Press and hold) ◀◀, ▶▶	I◀◀, ▶▶I (Press and hold)	Fast-reverse the track / Fast-forward the track
△, ▽	Click Wheel	Select an item
ENTER or ▷	Select	Enter the selection or plays the track
MODE SELECT	–	Switch between the browse mode and the remote mode
REPEAT	–	Switch the repeat function
PLAY SELECT	–	Switch the shuffle function
◁	**MENU**	Display the menu or return to the previous menu

NOTE

• DENON will accept no responsibility whatsoever for any loss of iPod data.
• Depending on the type of iPod and the software version, some functions may not operate.

To Switch the Display (Browse mode only)

During playback, press **[TITLE/ARTIST]**.
The display switches each time the button is pressed.

Title name ⟶ Artist name

Album name

❏ **Switching the Time Display**
Press **[TIME]**.

Playback with the RESTORER function

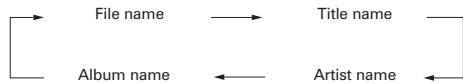See page 12 "Playback with the RESTORER function" for Owner's Manual.

Disconnecting the iPod

1 Press ■.

2 Disconnect the iPod cable from the USB port.

Symbols used to indicate buttons in this manual

Button located on both the main unit
and the remote control unit ⟶ **BUTTON**
Button only on the main unit ⟶ **<BUTTON>**
Button only on the remote control unit ⟶ **[BUTTON]**

■ |◀◀, ▶▶|

▶/Ⅱ SOURCE

[CD POWER] SOURCE

[△▽◁▷] [ENTER]

[TITLE/ARTIST] [PLAY SELECT]
[MODE SELECT] [REPEAT]
[RESTORER] ▶/Ⅱ
[TIME] |◀◀, ▶▶|
[◀◀, ▶▶]
■

USB Playback

Playable USB Memory Formats

Files stored on USB memory devices created in the formats below can be played.

USB-Compatible File Systems

"FAT16" or "FAT32"

※ If the USB memory device is divided into multiple partitions, only the top drive can be selected.

Maximum number of playable files and folders

Maximum number of files in a folder: 255
Maximum number of folders: 255

File Format

MP3 (MPEG-1 Audio Layer-3)
WMA (Windows Media Audio)

Tag Data

ID3-Tag (Ver.1.x and 2.x)
META-Tag
(Compatible with title, artist and album names)

Playable MP3/WMA file			
File format	Sampling frequency	Bit rate	Extension
MP3	32, 44.1, 48 kHz	32 320 kbps	.mp3
WMA	32, 44.1, 48 kHz	64 192 kbps	.wma

Only music files that are not copyright-protected can be played on this set.

※ Contents downloaded from pay sites on the Internet are copyright protected. Also, files encoded in WMA format when ripped from a CD, etc., on a computer may be copyright protected, depending on the computer's settings.

Playing USB Memory device

1 Playback preparation ("Before Playing a USB or an iPod" ☞ page 8).

2 Press **[MODE SELECT]** to select the folder mode or disc mode.

※ Refer to "Folder mode and disc mode settings" (☞ page 11).

3 Press ▶/Ⅱ.
Playback starts.

❏ **To Switch the Folder or File During Playback**
• **Folder**
Use **[△, ▽]** to select the folder, then press **[ENTER]**.
• **File**
Use **[◁, ▷]** to select the file, then press **[ENTER]**.
Use |◀◀, ▶▶| to select the file.
※ The file numbers are set automatically when the USB memory device is loaded.

❏ **Stopping Playback**
Press ■.

❏ **Stopping Playback Temporarily**
Press ▶/Ⅱ.
The "Ⅱ" is displayed.
※ To resume playback, press ▶/Ⅱ.

❏ **Fast-Forwarding and Fast-Reversing (searching)**
During playback, press and hold in **[◀◀, ▶▶]**.

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❏ **Playing Repeatedly**
Press **[REPEAT]**.

❏ **Playing Random Order**
In the stop mode, press **[PLAY SELECT]**.

❏ **Switching the Display**
During playback, press **[TITLE/ARTIST]**.

File name ⟶ Title name

Album name ⟵ Artist name

※ The characters that can be displayed are as follows:

A ~ Z   a ~ z   0 ~ 9

! " # $ % & : ; < > ? @ \ [ ] _ ` | { } ˜ ^ ' ( ) * + , - . /   (space)

❏ **Switching the Time Display**
Press **[TIME]**.

NOTE

• DENON will take no responsibility whatsoever for any loss or damage to data on USB memory devices when using the USB memory device connected to the DCD-2010AE.
• USB memory devices will not work via a USB hub.
• DENON does not guarantee that all USB memory devices will operate or be suppled power. When using a USB connection type portable hard disk of the type for which power can be supplied by connecting an AC adapter, we recommend using the AC adapter.

Using as a D/A Converter

Press SOURCE to select "EXT IN COAX" or "EXT IN OPT".

DISC ⟶ USB

EXT IN OPT ⟵ EXT IN COAX

※ "EXT IN ◯◯ k" is displayed according to the sampling frequency of the external input.
※ If the sampling frequency cannot be detected, the display flashes.

NOTE

• Linear PCM signals with sampling frequencies of 32kHz, 44.1kHz, 48kHz, 64kHz, 88.2kHz, 96kHz, 128kHz, 176.4kHz and 192kHz can be input in the DCD-2010AE. Do not input non-PCM signals, such as CD-ROM, Dolby Digital, and DTS. This causes noise and could damage the speakers.
• If the sampling frequency switches, such as from A mode to B mode in a CS broadcast, muting may operate for 1-2 seconds, cutting the sound.

Using the Timer Play Function

1 **Turn on the power of the connected components.**

2 **Switch the amplifier's function to input from the connected main unit.**

3 **Load a disc or connect the USB memory device or iPod.**

4 **Set the audio timer for the desired times.**

※ Refer also to the owner's manual of the audio timer.

5 **Turn the timer "ON".**
The power of the components connected to the timer turns off.

※ When the set time is reached, the power of the different components automatically turns on and playback starts.

DCD 2010AE

Amplifier

AC outlet (Wall)

Timer device

ᴬᴹ 10:30

15
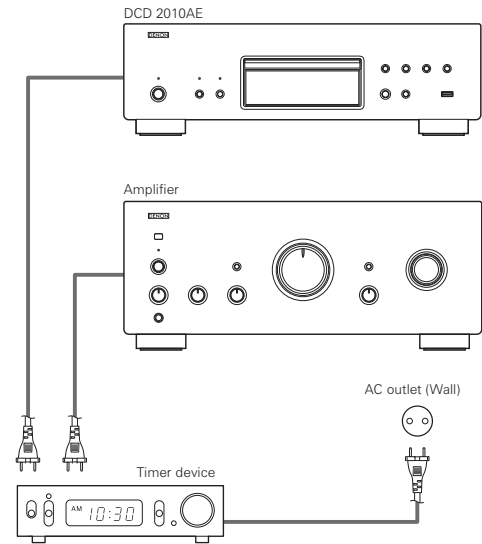
Troubleshooting

If a problem should arise, first check the following:
1. Are the connections correct?
2. Is the set being operated as described in the owner's manual?

If this unit does not operate properly, check the items listed in the table below. Should the problem persist, there may be a malfunction.
In this case, disconnect the power immediately and contact your store of purchase.

[General]

Symptom	Cause	Countermeasure	Page
Disc tray does not open.	• The power is not on.	• Turn on the power.	8
"NO DISC" is displayed even though a disc is loaded.	• The disc is not properly loaded.	• Reload the disc.	3
"TRACK0 0m00s" is displayed even though a disc is loaded.	• The loaded disc is not a CD.	• Load a CD.	3
Playback does not start even when the ▶/❚❚ button is pressed.	• The disc is dirty or scratched.	• Wipe the dirt off the disc or replace the disc.	3
No sound is produced or sound is distorted.	• The output cables are not properly connected to the amplifier.	• Check the connections.	7
	• The amplifier's function setting or adjustments are not right.	• Check the amplifier's function and controls and adjust as necessary.	–
Specific section of the disc cannot be played properly.	• The disc is dirty or scratched.	• Wipe the dirt off the disc or replace the disc.	3
Programmed playback is not possible.	• The tracks have not been programmed properly.	• Program properly.	10
	• Programmed playback is not possible with MP3 and WMA files.	• Use a CD.	10
A CD-R or CD-RW disc cannot be played.	• The disc has not been finalized.	• Finalize the disc then play it.	2
	• The recording conditions are bad or the quality of the disc itself it poor.	• Use a properly recorded disc.	2

Symptom	Cause	Countermeasure	Page
Set does not operate properly when remote control unit is operated.	• The batteries are spent.	• Replace the batteries with new ones.	3
	• The remote control unit is too far from the set.	• Move the remote control unit closer to the set.	4
File recorded in MP3 or WMA format cannot be played.	• You have selected a copyright-protected WMA file or a file that cannot be played normally.	• Use the ◁, ▷ button on the remote control unit to select a different file.	11

[iPod]

Symptom	Cause	Countermeasure	Page
iPod cannot be played.	• Cable is not properly connected.	• Reconnect.	7

[USB]

Symptom	Cause	Countermeasure	Page
When a USB memory device is connected, "NO DEVICE" is displayed.	• The set cannot recognize a USB memory device.	• Check the connection.	7
	• A USB memory device not conforming to mass storage class or MTP standards is connected.	• Connect a USB memory device conforming to mass storage class or MTP standards.	–
	• A USB memory device that the set cannot recognize is connected.	• This is not a malfunction. DENON does not guarantee that all USB memory devices will operate or receive power.	–
	• USB memory device is connected via USB hub.	• Connect the USB memory device directly to the USB port.	–
Files on a USB memory device cannot be played.	• USB memory device is in format other than FAT16 or FAT32.	• Set the format to FAT16 or FAT32. For details, refer to the USB memory device's operating instructions.	–
	• USB memory device is divided into multiple partitions.	• When divided into multiple partitions, only files stored in the top partition can be played.	–
	• Files are stored in a non-compatible format.	• Record the files in a compatible format.	14
	• You are attempting to play a file that is copyright protected.	• Files that are copyright protected cannot be played on this set.	14

Specifications

❑ **Audio performance** **[Super Audio CD]** **[CD]**

• **Analog output**

	[Super Audio CD]	[CD]
Channels:	2 channels	2 channels
Playable frequency range:	2 Hz ~ 100 kHz	2 Hz ~ 20 kHz
Playable frequency response:	2 Hz ~ 50 kHz (3 dB)	2 Hz ~ 20 kHz
S/N:	113 dB (Audible range)	119 dB
Dynamic range:	110 dB (Audible range)	100 dB
Harmonic distortion:	0 0008 % (1 kHz, Audible range)	0 0017 % (1 kHz)
Wow & flutter:	Below measurable limits	Below measurable limits
Output level:	2 0 V (10 kΩ/kohms)	2 0 V (10 kΩ/kohms)
Signal type:	1 bit DSD	16 bit linear PCM
Sampling frequency:	2 822 MHz	44 1 kHz
Usable discs:	Super Audio CD	Compact Disc

• **Digital output**

Coaxial:	0 5 Vp p / 75 Ω/ohms
Optical:	15 ~ 21 dBm
Emission wavelength:	660 nm

❑ **General**

Power supply:	AC 230 V, 50 Hz
Power consumption:	33 W
	Standby: 0 3 W or less
Maximum external dimensions:	434 (W) x 137 (H) x 336 (D) mm
Weight:	13 5 kg

❑ **Remote control unit (RC-1138)**

Remote control method:	Infrared pulse method
Power supply:	R03/AAA Type (two batteries)
Maximum external dimensions:	44 (W) x 233 (H) x 22 (D) mm
Weight:	165 g (including batteries)

※ For purposes of improvement, specifications and design are subject to change without notice

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