

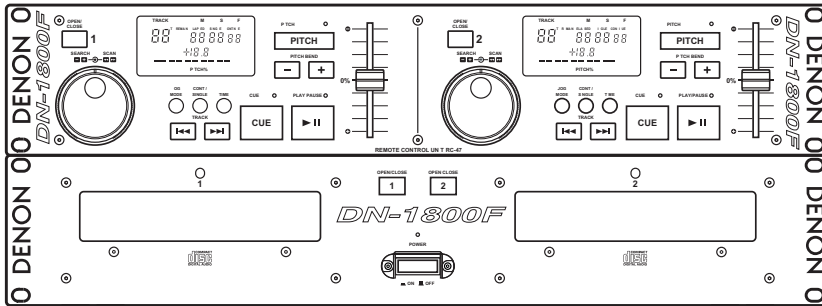
DENON

DOUBLE CD PLAYER / 雙碟雷射唱盤

DN-1800F

OPERATING INSTRUCTIONS
BEDIENUNGSANLEITUNG
MODE D'EMPLOI
ISTRUZIONI PER L'USO

GEBRUIKSAANWIJZING
BRUKSANVISNING
操作說明書



FOR ENGLISH READERS	PAGE	5 ~ PAGE	8
FÜR DEUTSCHE LESER	SEITE	9 ~ SEITE	12
POUR LES LECTEURS FRANCAIS	PAGE	13 ~ PAGE	16
PARA LECTORES DE ESPAÑOL	PAGINA	17 ~ PAGINA	20
VOOR NEDERLANDSTALIGE LEZERS	PAGINA	21 ~ PAGINA	24
FOR SVENSKA LÄSARE	SIDA	25 ~ SIDA	28
中文	第 頁	~ 第 頁	



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.

CAUTION:

- 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.
- Do not open the top cover**
In order to prevent electric shock, do not open the top cover.
If problems occur, contact your DENON dealer.
- Do not place anything inside**
Do not place metal objects or spill liquid inside the CD player.
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-1800F Serial No. _____

NOTE:
This CD player uses the semiconductor laser. To allow you to enjoy music at a stable operation, it is recommended to use this in a room of 5 °C (41 °F)–35 °C (95 °F).

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. UINDGÅ UDSÆTTELSE FOR STRÅLING.

VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTA AALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITÄVÄLLE NÄKYMÄMÄTTÖMÄLLE 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.



LABELS (for U.S.A. model only)

CERTIFICATION

THIS PRODUCT COMPLIES WITH DHHS RULES 21 CFR SUBCHAPTER J APPLICABLE AT DATE OF MANUFACTURE.

CAUTION:
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

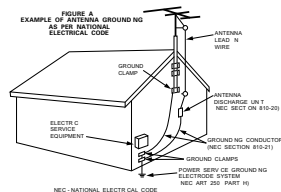
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.





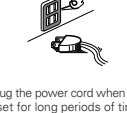
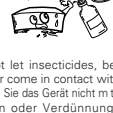
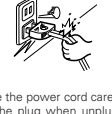
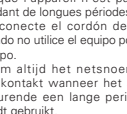
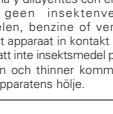
Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

SAFETY INSTRUCTIONS

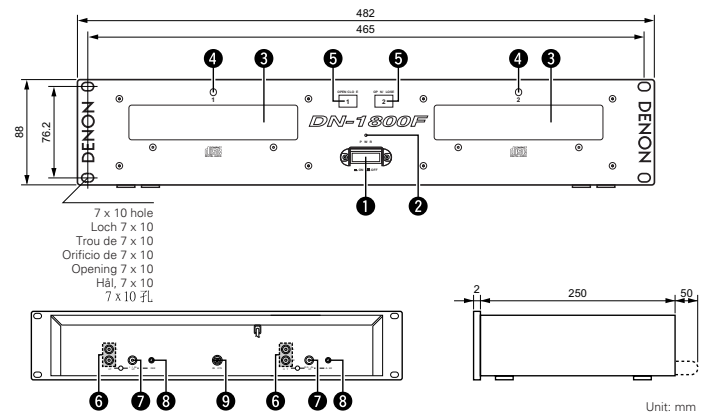
- Read Instructions – All the safety and operating instructions should be read before the appliance is operated.
- Retain Instructions – The safety and operating instructions should be retained for future reference.
- Heed Warning – All warnings on the appliance and in the operating instructions should be adhered to.
- Following Instructions – All operating and use instructions should be followed.
- Water and Moisture – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
- Carts and Stands – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
- Wall or Ceiling Mounting – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
- Ventilation – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
- Heat – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- Power Sources – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
- Grounding or Polarization – Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.
- Power-Cord Protection – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning – The appliance should be cleaned only as recommended by the manufacturer.
- Power Lines – An outdoor antenna should be located away from power lines.
- Outdoor Antenna Grounding – If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure A.
- Nonuse Periods – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
- Object and Liquid Entry – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
- Damage Requiring Service – The appliance should be serviced by qualified service personnel when:
 - The power-supply cord or the plug has been damaged, or
 - Objects have fallen, or liquid has been spilled into the appliance; or
 - The appliance has been exposed to rain; or
 - The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - The appliance has been dropped, or the enclosure damaged.
- Servicing – The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



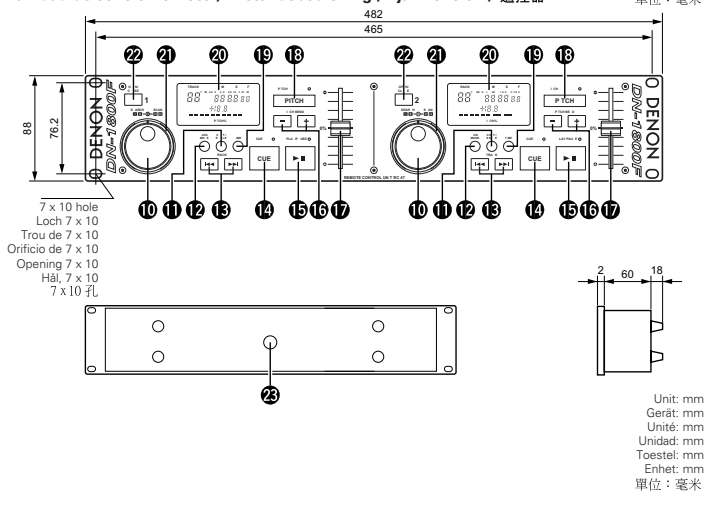
NOTE ON USE / HINWEISE ZUM GEBRAUCH / OBSERVATIONS RELATIVES A L'UTILISATION / NOTAS SOBRE EL USO / ALVORENS TE GEBRUIKEN / OBSERVERA

 <ul style="list-style-type: none"> • Avoid high temperatures. Allow for sufficient heat dispersion when installed on a rack. • Vermeiden Sie hohe Temperaturen. Beachten Sie, daß eine ausreichend Luftzirkulation 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. • Evite altas temperaturas. Permita la suficiente dispersión del calor cuando está instalado en la consola. • Vermijd hoge temperaturen. Zorg voor een degelijk hitteafvoer indien het apparaat op een rek wordt geplaatst. • Undvik höga temperaturer. Se till att det finns möjlighet till god värmeavledning vid montering i ett rack. 	 <ul style="list-style-type: none"> • Keep the set 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 l'apoussièrre. • Mantenga el equipo libre de humedad, agua y polvo. • Laat geen vochtigheid, water of stof in het apparaat binnendingen. • Utsätt inte apparaten för fukt, vatten och damm. 	 <ul style="list-style-type: none"> • Do not let foreign objects in the set. • Keine fremden Gegenstände in das Gerät kommen lassen. • Ne pas laisser des objets étrangers dans l'appareil. • 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.
 <ul style="list-style-type: none"> • 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. • Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía. • Hanter 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 eluttaget. 	 <ul style="list-style-type: none"> • Unplug the power cord when not using the set for long periods of time. • Wenn das Gerät eine 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. • Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo. • Neem altijd het netsnoer uit het stopcontact wanneer het apparaat gedurende een lange periode niet wordt gebruikt. • Koppla ur nätkabeln om apparaten inte kommer att användas i lång tid. 	 <ul style="list-style-type: none"> • Do not let insecticides, benzene, and thinner come in contact with the set. • 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. • No permita el contacto de insecticidas, gasolina y diluyentes con el equipo. • Laat geen insectenverdelgende middelen, benzine of ververdunner met dit apparaat in contact komen. • Se till att inte insektsmedel på spraybruk, bensin och thinner kommer i kontakt med apparatens hölje.
 <ul style="list-style-type: none"> • Never disassemble or modify the set in any way. • Versuchen Sie niemals das Gerät auseinander zu nehmen oder auf jegliche Art zu verändern. • Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre. • Nunca desarme o modifique el equipo de ninguna manera. • Nooit dit apparaat demonteren of op andere wijze modifieren. • Ta inte isär apparaten och försök inte bygga om den. 	 <ul style="list-style-type: none"> • Do not obstruct the ventilation holes. • Die Belüftungsöffnungen dürfen nicht verdeckt werden. • Ne pas obstruer les trous d'aération. • No obstruya los orificios de ventilación. • De ventilatieopeningen mogen niet worden geblokkeerd. • Täpp inte till ventilationsöppningarna. <p>* (For sets with ventilation holes)</p>	

Main Unit / Hauptgerät / Unité principale / Unidad principal / Hoofdtoestel / Huvudenhet / 主機



Remote Control Unit / Fernbedienungsgerät / Unité de télécommande / Unidad de control remoto / Afstandsbediening / Fjärrkontroll / 遙控器



• 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 73/23/EEC, 89/336/EEC and 93/68/EEC Directive.

• ÜBEREINSTIMMUNGSEKTLÄRUNG

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 73/23/EEC, 89/336/EEC und 93/68/EEC.

• 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 73/23/EEC, 89/336/EEC et 93/68/EEC.

• 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 73/23/EEC, 89/336/EEC y 93/68/EEC.







• EENVORMIGHEIDSVKLRING

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 bepalingen van de Richtlijnen 73/23/EEC, 89/336/EEC en 93/68/EEC.

• ÖVERENSSTÄMMESESINTYG

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 73/23/EEC, 89/336/EEC och 93/68/EEC.

معلومات صوتية
NOTAL AUDIO

- Use compact discs that include the  mark. CD's with special shapes (heart-shaped CD's, octagonal CD's etc) cannot be played on this set. Attempting to do so may damage the set. Do not use such CD's.
- Benutzen Sie Compact Discs, die das  Zeichen tragen. Speziell geformte CD's (herzförmige CD's, achteckige CD's, usw.) können auf dieser Anlage nicht abgespielt werden. Der Versuch derartige CD's abzuspielen kann die Anlage beschädigen. Verzichten Sie auf die Benutzung solcher CD's.
- Utiliser des disques compacts portant le logo . Des CD avec des formes spéciales (CD en forme de coeur, des CD octogonaux, etc) ne peuvent pas être lus sur cet appareil. Le fait de l'essayer, risque d'endommager le lecteur. Ne pas utiliser de tels CD.
- Use discos compactos con la marca . En este equipo no es posible reproducir CD's con formas especiales (CD's con forma de corazón, CD's octogonales, etc). Si intenta hacerlo, el equipo podrá resultar dañado. No use este tipo de CD's.
- Gebruik compact discs voorzien van het logo . CD's met speciale vormen (bijv. CD's in de vorm van een hart, achthoekige CD's, enz) kunnen met dit toestel niet worden afgespeeld. Wanneer u dit toch probeert, zal u het toestel beschadigen. Speel dergelijke CD's dus niet af.
- Använd CD-skivor med -märket. Specialformade CD-skivor (hjärtformade, åttkantiga, m m) går inte att spela på den här apparaten. Utrustningen kan skadas om du försöker göra detta. Använd inte CD-skivor av denna typ.



• FOR U.S.A. & CANADA MODEL ONLY

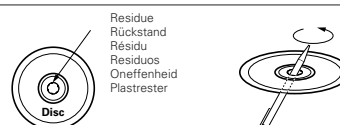
CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

• POUR LES MODELES AMERICAINS ET CANADIENS UNIQUEMENT

ATTENTION

POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.



- The disc may not play normally if there is residue along the edges of the center hole.
- When using new discs in particular, use a pen, etc., to remove the residue.
- Die Disk kann nicht normal abgespielt werden, wenn sich ein Rückstand entlang der Mittellochenden befindet.
- Insbesondere, wenn Sie neue Discs benutzen, dann entfernen Sie mit einem Stift, etc. den Rückstand.
- Le disque peut ne pas être lu normalements s'il y a un résidu le long des bord du trou central.
- Lors de l'utilisation de nouveaux disques en particulier, utiliser un stylo à bille, etc., pour enlever le résidu.
- El disco no puede ser reproducido normalmente debido a la terminación deficiente de los bordes del agujero central.
- Para quitar estos residuos de material, especialmente cuando vaya a re-producir discos nuevos, utilice un bolígrafo, o algo similar.
- Het is mogelijk dat de disc niet normaal wordt weergegeven als de randen van het middengat van de schijf oneffenheden vertonen.
- Verwijder vooral bij gebruik van nieuwe discs de oneffenheden met een pen of iets dergelijks.
- Det kan uppstå fel vid CD-avspelingen om det finns plastrester kvar i mitthålet.
- Tänk på att bort dessa med en penna, e d, särskilt om CD-skivan är ny.

TABLE OF CONTENTS

1 Main features5	6 Pitch/Platter7
2 Connections/Installation5	7 Other functions8
3 Part names and functions5, 6	8 Cleaning the optical pick-up lens8
4 Compact discs6	9 Specifications8
5 Basic operation7	

■ ACCESSORIES

Check that the following parts are included in addition to the main unit:

1 Operating instructions1	3 Remote control unit (RC-47)1
2 Connection cords for signal output (RCA)2	4 Remote control connection cable1

1 MAIN FEATURES

The DN-1800F is a double CD player which provides excellent performance as well as a variety of functions ideal for DJ mixing.

Control section

1. The DN-1800F can be easily mounted on a standard 19-inch rack.
2. Improved visibility thanks to a large fluorescent display and disc holder illumination.

Functions

1. Auto Level Search / Instant Start

2. Pitch Bend (Button & Jog)

3. Platter

The playing speed can be gradually lowered to play and stop discs with a sound similar to that of analog discs.

4. Relay Play

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

5. Fader input

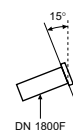
6. Servo Auto Stop function for Spindle Motor / Disc Holder Auto Close

2 CONNECTIONS/INSTALLATION

1. Turn off the POWER switch.
2. Connect the RCA pin cords to the inputs on your mixer.
3. Connect the control cord to the REMOTE connector on the RC-47.

CAUTION:

- Be sure to use the supplied control cord. Using another type of cable may result in damage.
- Be sure the power is off when connecting the control cord. Otherwise the units may not work properly.
- Never connect any remote controllers other than the RC-47. Doing so can damage the equipment.



The DN-1800F will work normally when the player unit is mounted within 15 degrees off the vertical plane at the front panel. If the unit is tilted excessively, the disc may not be loaded or unloaded properly.

3 PART NAMES AND FUNCTIONS

(1) DN-1800F 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 push the disc tray in manually when the power is off, as this may result in malfunction and damage 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.

(2) DN-1800F Rear Panel

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

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

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

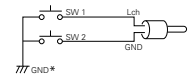
- Digital data is output from these jacks according to the presettings.
- We recommend using a 75Ω/ohm pin cord (available in stores) for connections.

NOTE:

- Turn PITCH control OFF when making digital recordings. Most digital recorders will not accept a variable pitched digital signal.

8 Fader input jacks 1, 2 (FADER 1, 2)

- Use this when using the unit with a console fader. (Mini Jack) (FADER INPUT LEVEL HCMOS (Ii=-3mA))
- The fader can be activated using the switch circuit shown on the diagram below.



- Connect SW1 to the "Lch" stereo mini jack.
- Connect SW2 to the "GND" stereo mini jack.
- Connect GND* to the analog output "GND" terminal.
- Do not use the "Rch" jack.
- When SW1 is pressed, playback starts from the cue point.
- When SW2 is pressed, playback stops and resumes the cue point.

9 Remote control connector (REMOTE)

- Connect this connector to the RC-47 control unit using the included control cord.

(3) RC-47 Front Panel

10 Jog dial (inner side)

- In the search mode, turn this dial during the search operation to move the playing point in units of frames.
- In the pitch bend and plat-H modes, turn this to change the playing speed.

11 Continue/Single button (CONT./SINGLE)

- Press this button to switch between the single, continuous, single relay and continuous relay play modes.
- The selected mode is indicated by the "SINGLE" or "CONTINUE" indicators on the display.
- "SINGLE" or "CONTINUE" flashes when in the relay play mode.

12 JOG MODE button

- Press this button to select the jog dial operating mode.

Search mode:

Turn the dial clockwise to move the playback position forward, counterwise to move the playback position backward. One click corresponds to one frame of movement.

Pitch bend mode:

When the jog dial is turned, the playing speed changes at a fixed rate. (The "Pb" is displayed.)

Plat-H mode:

When the jog dial is turned, the playing speed changes in function of the speed at which the jog dial is turned. (The "PL" is displayed.)

※ When the PLAT-H mode is selected, the PLAT-S mode is also set at the same time.

13 TRACK button

- This button selects the track to be played.
- Each press of this button chages 1 track.
- Continuing to hold this button down provides an automatic change at a higher speed which is convenient for discs that contain many tracks.

14 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 LED lit, when the standby mode is set.
- When in the sleep mode, cancel the sleep mode.
- When the unit is in the standby mode, stutter playback is available.

15 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.
- In the PLAT-S mode, press this button to plat-start and plat-stop.

16 PITCH BEND +/- button

- The playing speed increases/decreases while this button is pressed.
- When the button is released, the playing speed returns to the previous speed.

17 Pitch slider

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

18 PITCH button

- Press this button to switch to the play speed set with the Pitch slider. The PITCH LED lights.
- When the button is pressed again, the fixed pitch mode is set and the PITCH LED flashes.
- Press the button again to cancel the pitch play mode and return to normal speed.

19 TIME button

- Press this to switch the time display between the elapsed time or remaining time per track or per disc.
- ON or OFF of the Auto Cue function can be selected, pressing the button for more than 1 second.

20 Display

- See page 6.

21 Shuttle dial (outer side)

- The shuttle dial can be used in the search and bend mode.
- Use this dial to select the scanning direction and speed.
- The disc is scanned in the forward direction when the shuttle dial is turned clockwise from the neutral position, and in the reverse direction when the shuttle dial is turned counterclockwise.
- The scanning speed increases as the wheel is turned further.

22 Disc holder OPEN/CLOSE button

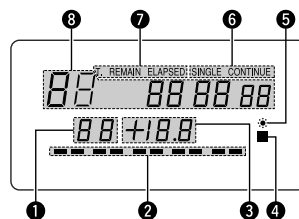
- Press this button to open and close the disc holder.
- The disc holder will not open during playback. Stop playback before pressing this button.

(4) RC-47 Rear Panel

23 Control connector

- Connect this connector to the REMOTE connector on the DN-1800F (main unit) using the included control cord.

(5) Display



1 Jog mode indicator

- "Pb" is displayed when in the bend mode at the jog dial.
- "PL" is displayed when in the platter mode at the jog dial.
- Indicator turned off when the search mode is selected at the jog dial.

2 Bar indicator

- This provides a visual indication of where the pickup is within the currently playing track.

3 Pitch display

- This indicates the playback speed (pitch). (-10.0 to +10.0)

4 Indicator

- Indicator lights when the Auto Cue function is set.

5 Indicator (End of message)

- See page 8.

6 Play mode indicators

- "SINGLE" lights when in the single track play mode.
- "CONTINUE" lights when in the continuous play mode.
- "SINGLE" flashes when in the single relay play mode.
- "CONTINUE" flashes when in the continuous relay play mode.

7 Time mode indicators

- When the TIME button is pressed, the time display switches as follows:
When "ELAPSED" is lit:
The track's elapsed time is displayed.
When "REMAIN" is lit:
The track's remaining time is displayed.
When "T." and "ELAPSED" are lit:
The disc's total elapsed time is displayed.
When "T." and "REMAIN" are lit:
The disc's total remaining time is displayed.

8 Track, minute, second and frame displays

- These displays indicate information on the current position and time.

4 COMPACT DISCS

1. Precautions on handling compact discs

- Do not allow fingerprints, oil or dust to get on the surface of the disc.
- If the disc is dirty, wipe it off with a soft dry cloth.
- Do not use benzene, thinner, water, record spray, electrostatic-proof chemicals, or silicone-treated cloths to clean discs.
- Always handle discs carefully to prevent damaging the surface; in particular when removing a disc from its case or returning it.
- Do not bend the disc.
- Do not apply heat.
- Do not enlarge the hole in the center of the disc.
- Do not write on the label (printed side) with a hard-tipped implement such as a pencil or ball point pen.
- Condensation will form if a disc is brought into a warm area from a colder one, such as outdoors in winter. Do not attempt to dry the disc with a hair dryer, etc.

2. Precautions on storage

- After playing a disc, always unload it from the player.
- Always store the disc in the jewel case to protect from dirt or damage.
- Do not place discs in the following areas:
1) Areas exposed to direct sunlight for a considerable time.
2) Areas subject to accumulation of dust or high humidity.
3) Areas affected by heat from indoor heaters, etc.

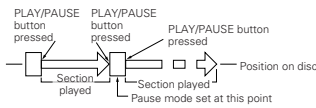
5 BASIC OPERATION

PLAY/PAUSE and CUE

- ★ The operation switches between playback and pause each time the PLAY/PAUSE button is pressed.
- ★ When the CUE button is pressed during playback, the pickup returns to the position at which playback was started.

The diagrams below show playback patterns when the PLAY/PAUSE and CUE buttons are pressed.

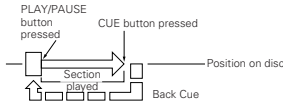
PLAY and PAUSE



When the PLAY/PAUSE button is pressed, playback starts and proceeds as shown by the arrow on the diagram above.

If the PLAY/PAUSE button is pressed again during playback, the pause mode is set at that point. Press the PLAY/PAUSE button again to resume playback.

PLAY and CUE

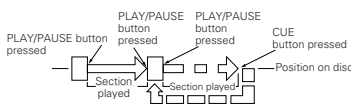


When the CUE button is pressed after starting playback by pressing the PLAY/PAUSE button, the pickup returns to the position at which playback was started and prepares for the next playback.

Press the PLAY/PAUSE and CUE buttons alternately to start playback repeatedly from the same position. (Checking the playback position)

This function is called "Back Cue".

PLAY, PAUSE and CUE



If the pause mode is set and playback is then resumed, the position to which the pickup returns with the Back Cue function changes.

Sleep mode

- The sleep mode is set if no operation is performed for 30 minutes while in the standby or pause mode. In the sleep mode, disc rotation is stopped in order to reduce wear due to unnecessary rotation of the motor.
- The sleep mode can be canceled by pressing the PLAY/PAUSE or CUE button.

Starting playback from the Middle of a track (Manual Search)

- ★ When the track is selected with the track button and the PLAY/PAUSE button is pressed, playback starts from the beginning of that track. If you wish to start from a different position, use the procedure described below to search for the desired position.

Find the play start position.

Press the JOG MODE button to set the jog/shuttle dial to the search mode. Turn the shuttle dial to change the playback position quickly. (Search for the approximate playback position.)

1

The fast forward/reverse mode is set when the shuttle dial (outer side) is turned. The speed changes according to the angle at which the dial is turned.

- When operated during playback, playback resumes after the operation.
- When turned fully in either direction, the disc skips 1 minute forward or backward then plays for 3 seconds, and this is repeated.

Turn the jog dial. (Search for the precise playback position.)

2

When the jog dial (inner side) is turned, the frame move mode is set. The playback position can be moved in units of one frame. Listen to the sound and find the desired play start position.

Stuttering

- 1
- In the standby mode, press the CUE button.
- Playback starts immediately from the cue point when the button is pressed and stops when the button is released.

6 PITCH/PLATTER

- ★ There are two ways to change the playing speed.
 - Adjust the Pitch using the pitch slider.
 - The PITCH BEND button or jog dial can be used to temporarily change the pitch.
- ★ The playing speed can be changed greatly to achieve effect similar to those achievable with analog discs.

Pitch/Platter-H

<p>[Pitch slider] 1-1 Set the variable speed mode. Press the PITCH button to light the PITCH LED.</p>	
1-2	<p>The Pitch decreases when the pitch slider is moved upwards, increases when the pitch slider is moved downwards.</p> <ul style="list-style-type: none"> • The pitch can be locked by pressing the PITCH button again.
<p>[PITCH BEND button] Press the PITCH BEND + (or PITCH BEND -) button.</p>	
2-1	<ul style="list-style-type: none"> • The Pitch increases or decreases temporarily while the PITCH BEND + or PITCH BEND - button is pressed. • The extent to which the PITCH BEND button changes the Pitch is proportionate to the amount of time the button is pressed. The longer the button is held down, the greater the percentage of change.
<p>Set the jog dial to the pitch bend mode. Press the JOG MODE button to light the "PL" .</p>	
2-2	<ul style="list-style-type: none"> • The playing speed increases gradually when the jog dial is turned clockwise and decreases gradually when the jog dial is turned counterclockwise. When you stop turning the jog dial, the playing speed returns to the previous speed. • When playback is stopped, the jog/shuttle dial is set to the search mode.
<p>Set the jog dial to the platter hold mode. Press the JOG MODE button to light the "PL" .</p>	
3	<ul style="list-style-type: none"> • The playing speed changes in function of the speed at which the jog dial is turned, resulting in a sound similar to that of when using an analog disc. • The playing speed increases when the jog dial is turned clockwise and decreases when the jog dial is turned counterclockwise. When you stop turning the jog dial, the playing speed returns to the previous speed.

Platter-S

- ★ Use this function to achieve effect similar to analog players.

Select the brake or platter mode.

- 1
- Press the Jog mode button to light the "PL" .
- The platter stop effect is achieved when the PLAY/PAUSE button is pressed during playback and the platter start effect is achieved when the PLAY/PAUSE button is pressed in the standby or pause mode. The platter stop and start effects are effect sounds similar to when playback is started or stopped on an analog player.

7 OTHER FUNCTIONS

1. Relay play

★ The unit can play CD1 and CD2 alternately.

(1) SINGLE RELAY MODE

- 1 Press the CONT./SINGLE button several times until "SINGLE" indicator flashes on the display.
- When the play finish the desired track, another CD will be started the play.
 - When both CD1 and CD2 set to the SINGLE RELAY mode, endless play are available to the each track of CD1 and CD2 alternately.

(2) CONTINUOUS RELAY MODE

- 1 Press the CONT./SINGLE button several times until "CONTINUOUS" indicator flashes on the display.
- When the play finish the final track of disc, another CD will be started the play.
 - When both CD1 and CD2 set to the CONTINUOUS RELAY mode, endless play are available to the each disc of CD1 and CD2 alternately.

(3) COMBINED WITH SINGLE, CONTINUOUS, SINGLE RELAY AND CONTINUOUS RELAY MODE

- The combination with RELAY PLAY mode and SINGLE, CONTINUOUS PLAY mode, or SINGLE RELAY and CONTINUOUS RELAY PLAY mode are also available.
- 1 **For example:**
When CD1 is set to the CONTINUOUS RELAY mode and CD2 is set to the CONTINUOUS PLAY mode.
- When start the play from CD1, play can be stopped after play the final track of CD2.

2. Auto Cue

- 1 Press the TIME button more than 1 second, ON/OFF selection of the audio level detection of hedding track is available. (The Auto Cue ON status at the power on.)
- When the power on status, "■" indicator displayed.

3. Disc Holder Auto Close

- 1 Disc holder will automatically close after 30 seconds or so have elapsed in the disc open mode.

4. End of Message

- 1 To notify the track end during the play mode, "⦿" indicator starts the flashing when there are less than 30 seconds remaining to the track end.

8 CLEANING THE OPTICAL PICK-UP LENS

Necessity of cleaning might be differed on location and frequency of use each player. It is recommend to clean the pick-up lens once a week. We recommend using DENON's AMC-22 PICK-UP LENS CLEANER.

9 SPECIFICATIONS

■ GENERAL

Type:	Twin mechanism compact disc player with wired remote control
Disc type:	Standard compact discs (12 cm and 8 cm discs)
Dimensions:	Player unit: 482 (W) x 88 (H) x 252 (D) mm (without feet) Remote control unit: 482 (W) x 88 (H) x 62 (D) mm (without feet)
Installation:	19-inch rack mountable Player unit: 2U Remote control unit: 2U
Weight:	Player unit: 6 kg Remote control unit: 1.5 kg
Power supply:	U.S.A., Canada and Taiwan R.O.C. models: 120 V AC ±10%, 60 Hz European models: 230 V AC ±10%, 50 Hz
Power consumption:	17 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

Quantization:	16-bit linear per channel
Sampling frequency:	44.1 kHz at normal pitch
Oversampling rate:	8 times
Frequency response:	20 to 20,000 Hz
Analog output	
Output level:	2.0 V
Digital output	
Signal format:	SPDIF
Output level:	0.5 Vp-p 75 Ω/ohms
Load impedance:	10 kΩ/kohms or more

■ FUNCTIONS

Instant start:	Within 30 msec.
Variable pitch:	±10% or more
Pitch bend:	±32% or more
Search precision:	1/75 sec. (1 subcode frame)
Max. scan speed:	Over 20 times normal speed

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