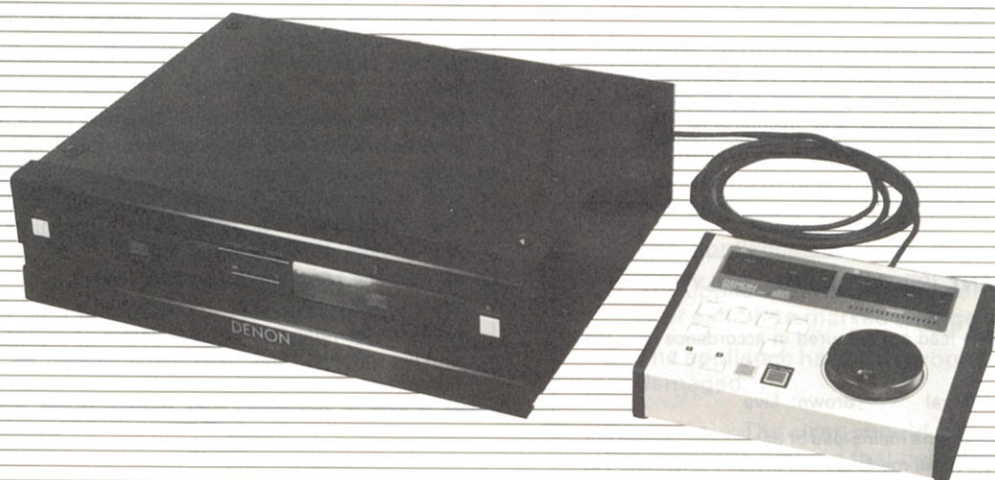


DENON

DOUBLE CD PLAYER

DN-4000F

OPERATING INSTRUCTIONS



IMPORTANT TO SAFETY

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION:

1. **Handle the power supply cord carefully**
Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.
2. **Do not open the top cover**
In order to prevent electric shock, do not open the top cover. If problems occur, contact your DENON dealer.
3. **Do not place anything inside**
Do not place metal objects or spill liquid inside the 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-4000F

Serial No. _____



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



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



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

IMPORTANT (BRITISH MODEL ONLY)

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral Brown: Live

The colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.

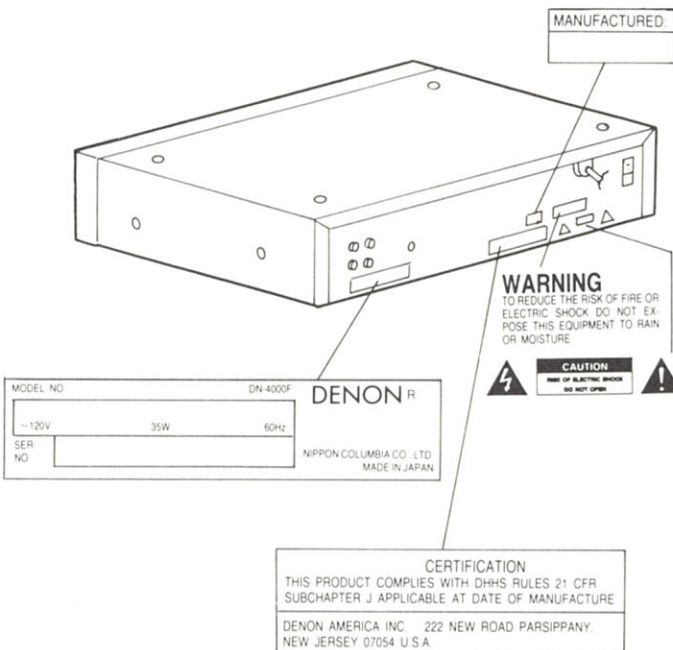
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

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).

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



CAUTION:

USE OF CONTROLS OR ADJUSTMENTS OR REFORMATION 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.

NOTE:

This unit may cause interference to radio and television reception if you do not operate it in strict accordance with this OPERATING INSTRUCTIONS.

This unit complies with Class B computing device rules in accordance with the specifications in Sub-part J or Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. If the unit does cause interference to any radio or television reception, try to reduce it by one or more of the following means:

- a) Turn the other unit to improve reception
- b) Move this unit
- c) Move this unit away from others
- d) Plug this unit respectively into a different AC outlet

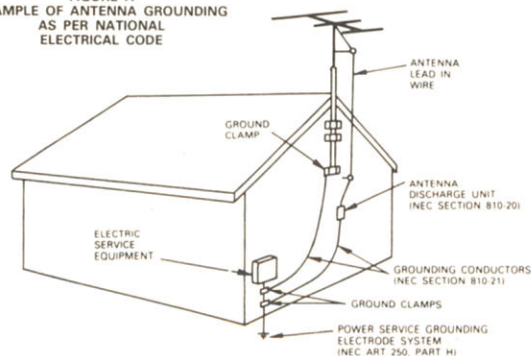
* This is note in accordance with Section 15.838 of the FCC Rules.

SAFETY INSTRUCTIONS

1. Read Instructions – All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions – The safety and operating instructions should be retained for future reference.
3. Heed Warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions – All operating and use instructions should be followed.
5. 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.
6. Carts and Stands – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- 6A. 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.
7. Wall or Ceiling Mounting – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. 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.
9. Heat – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. 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.
11. Grounding or Polarization – The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
12. 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.
13. Protective Attachment Plug – The appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
14. Cleaning – The appliance should be cleaned only as recommended by the manufacturer.
15. Power Lines – An outdoor antenna should be located away from power lines.
16. 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. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect 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.
17. Nonuse Periods – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
18. Object and Liquid Entry – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
19. Damage Requiring Service – The appliance should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
20. 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.

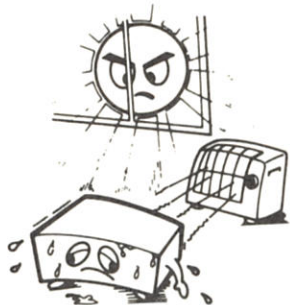


FIGURE A
EXAMPLE OF ANTENNA GROUNDING
AS PER NATIONAL
ELECTRICAL CODE



NEC - NATIONAL ELECTRICAL CODE

NOTE ON USE



Be careful of high temperatures

- Do not place the set in a location where it will be exposed to direct sunlight or near a heating appliance.

Caution on rack/cabinet installation

- Avoid installing the set in a closed-type rack.
- When installing in a rack or cabinet, provide a sufficiently large ventilation opening to promote heat radiation.



Do not allow foreign matter into the equipment

- Be especially careful of needles, hair pins, and coins getting into the set.



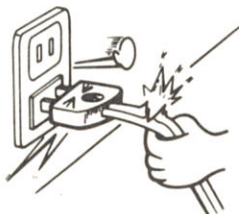
Caution on humidity, water, and dust

- Do not place the set in a location where there is high humidity or a lot of dust. Flower vases or other items containing water should not be placed on top of the set.



Care of the case

- Avoid the use of pesticides near the set as well as wiping the case with benzine, thinner or other solvents since they may cause a change in quality or color. Use a soft cloth when wiping away dirt and follow the instructions carefully when using chemically treated cloths.



Care with the power cord

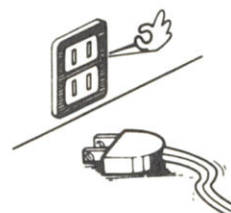
- When removing the plug from the receptacle, do not pull the power cord; be sure to hold the plug when removing it.



Do not open the case

- Opening the top cover or the bottom plate of the case and inserting your hand is dangerous. Do not open the case.

If some trouble arises with the performance of the set, remove the power plug soon and contact the store where the set was purchased or a nearby dealer.



During your absence

- When not using the set for an extended period such as when taking a trip, be sure to disconnect the plug from the receptacle.



For sets with ventilation holes

Do not block the ventilation holes of the set

- Blocking of the ventilation holes will lead to damage of the set.
- The ventilation holes are very important for heat radiation from within the set. Care must be taken since placing an object against the holes will result in an extreme rise of temperature within the set.

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3	DESCRIPTION OF FUNCTIONS	10
	This section includes detailed descriptions of the names and functions of the parts on the DN-4000F and RC-33 remote control unit. Refer to this section when using the DN-4000F and remote control unit for the first time and during use should you have any questions.	
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1 INTRODUCTION

Features of the DN-4000F

The DN-4000F is a double CD player for professional DJs. It offers excellent performance as well as ideal mixing functions for DJs, as described below.

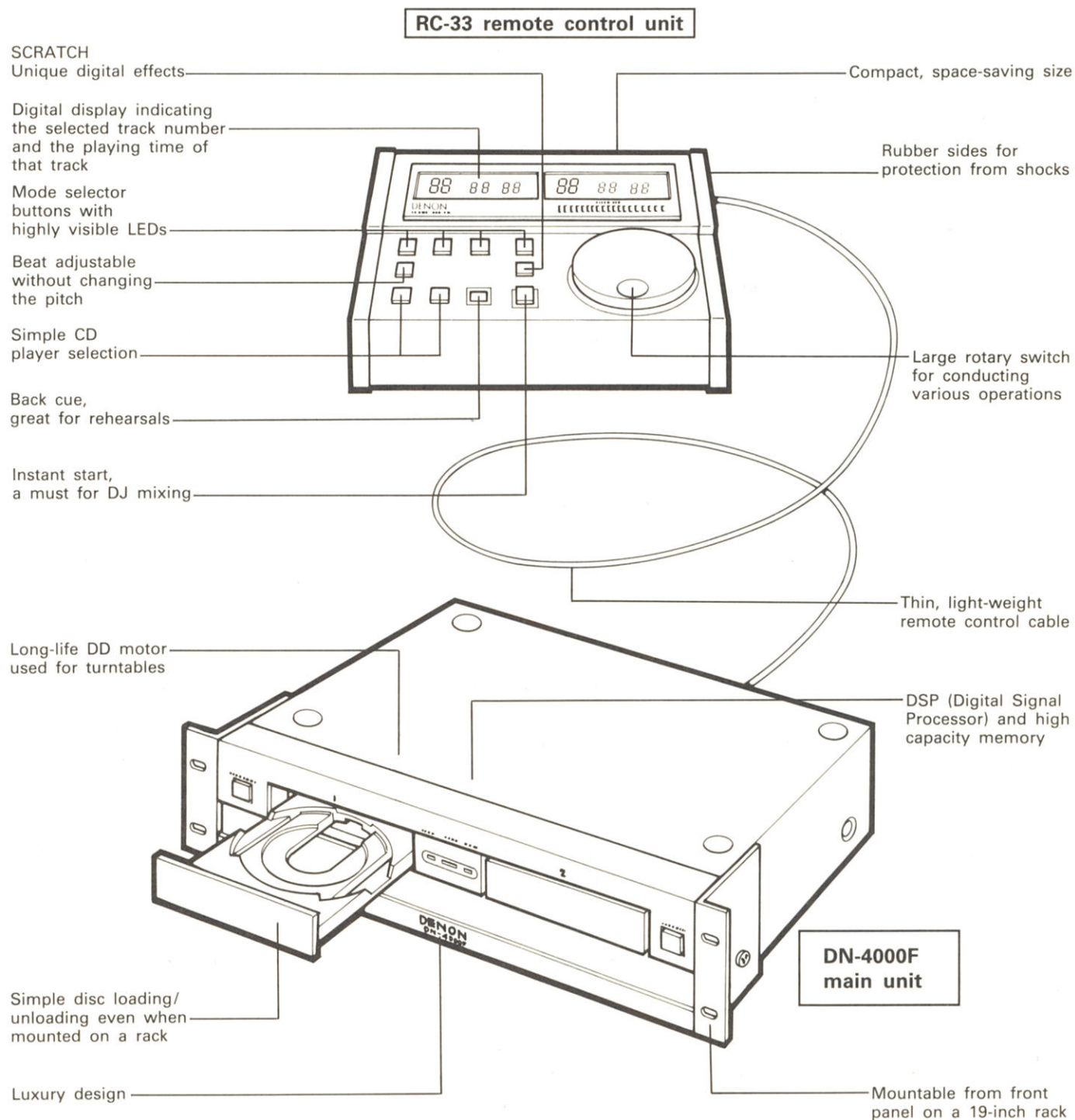


Figure 1 – Features

2 PREPARATIONS

1) Checking the Contents

The following parts should be included in the carton case. Check that none are missing.

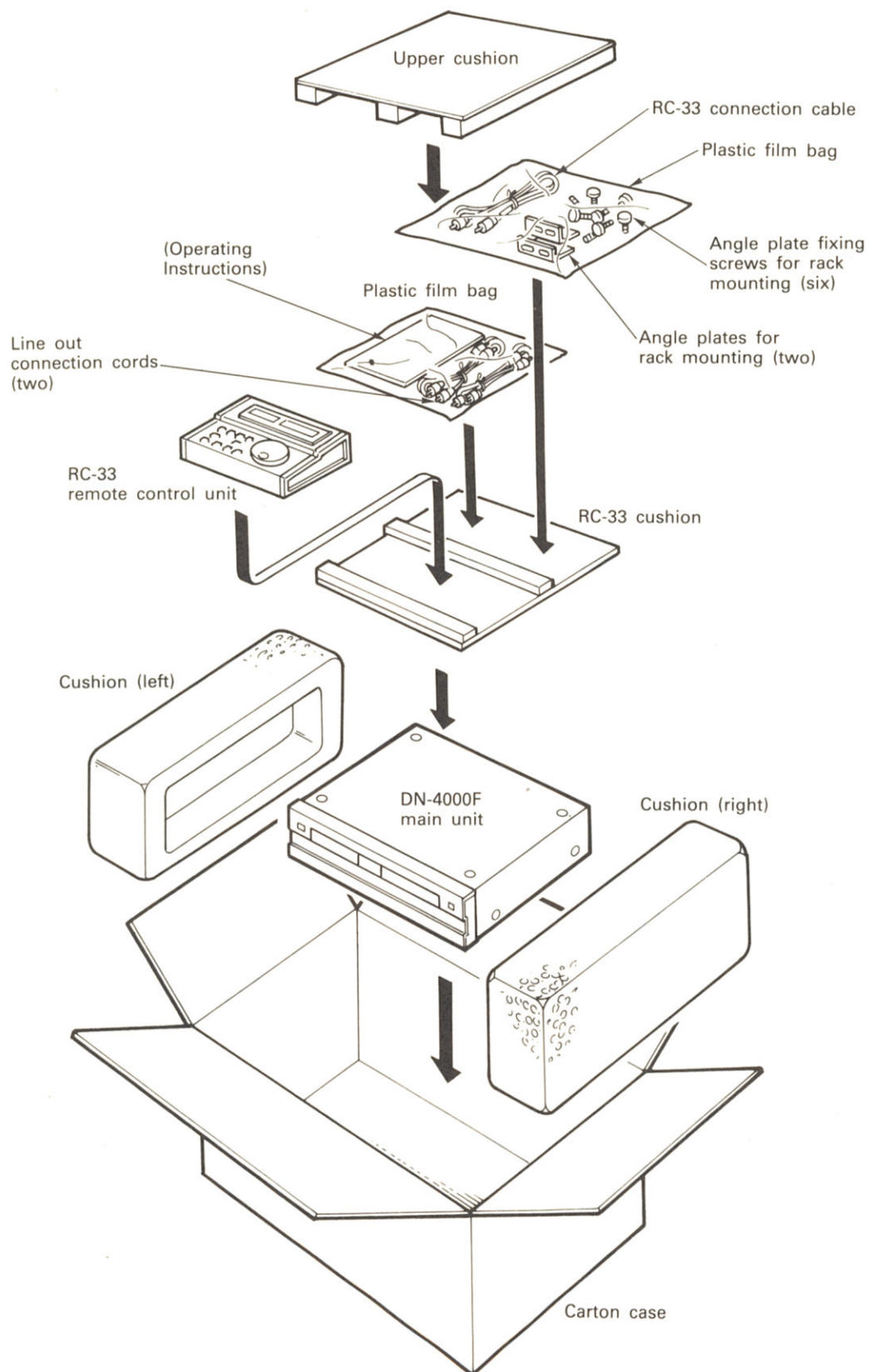


Figure 2 – Contents of Case

2) Releasing the shipping lock screws

These shipping lock screws have been tightened upon shipment from the factory to protect the CD player mechanisms from shocks during shipment. Release these screws before using the player.

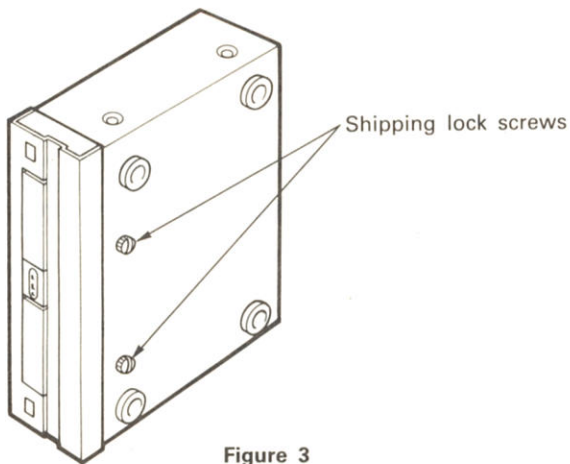


Figure 3

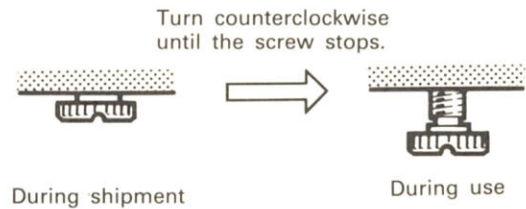


Figure 4

3) Connections

The following shows a general example of connections to a mixing controller. Use this as reference.

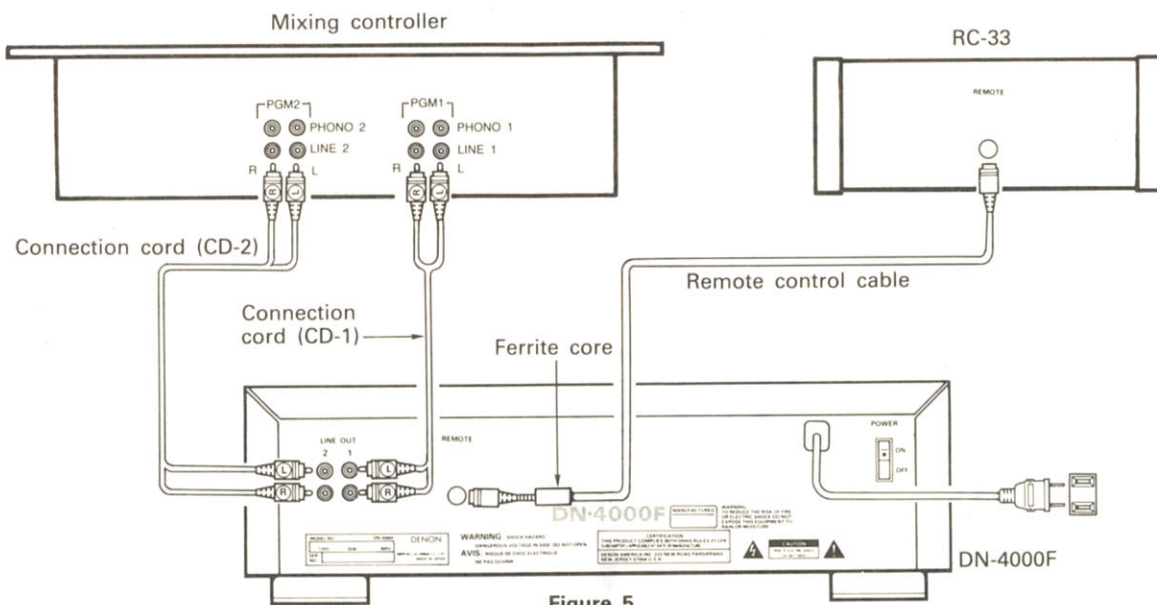


Figure 5

- Connect the line out connection cords to the line input terminals on the mixing controller.
- Connect the side of the RC-33 connection cable with the ferrite core to the DN-4000F.
- The line out connection cords and RC-33 connection cable are included with the DN-4000F.

4) Mounting on a Rack

The included rack mount angle plates must be attached when mounting the DN-4000F on a 19-inch rack.

- ① Remove the left and right side covers.

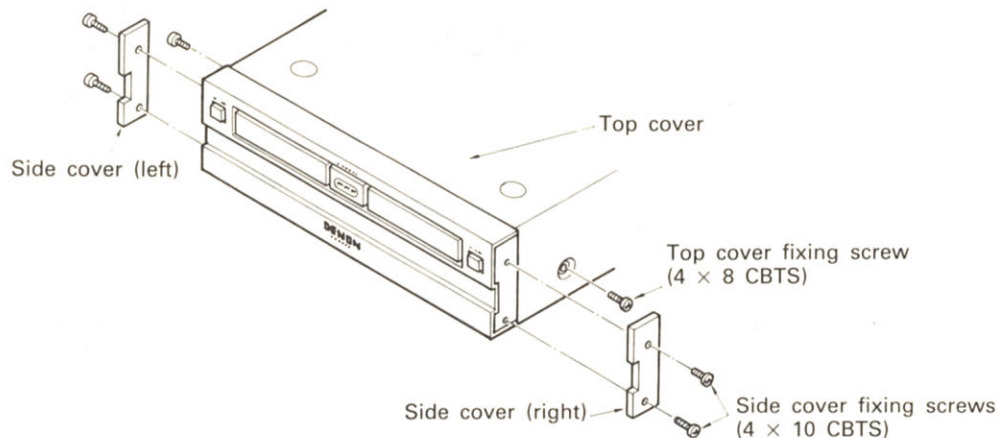


Figure 6

- ② Attach the rack mount angle plates. These plates are included with the DN-4000F. (Refer to "2-1 Checking the Contents" on page 7.)

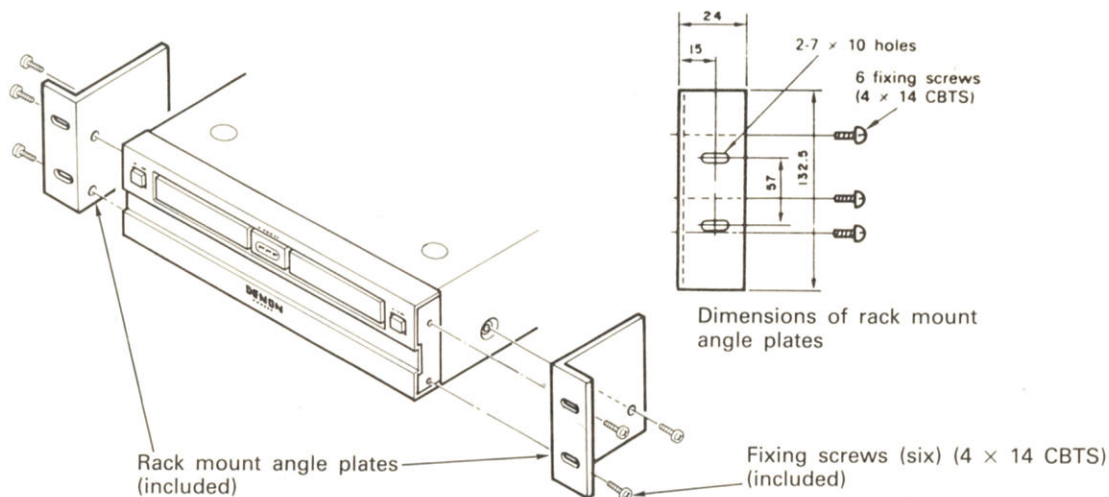


Figure 7

5) Transporting the DN-4000F

When transporting the DN-4000F off the rack (or in a carrying case), tighten the shipping lock screws to protect the CD player mechanisms from shocks.

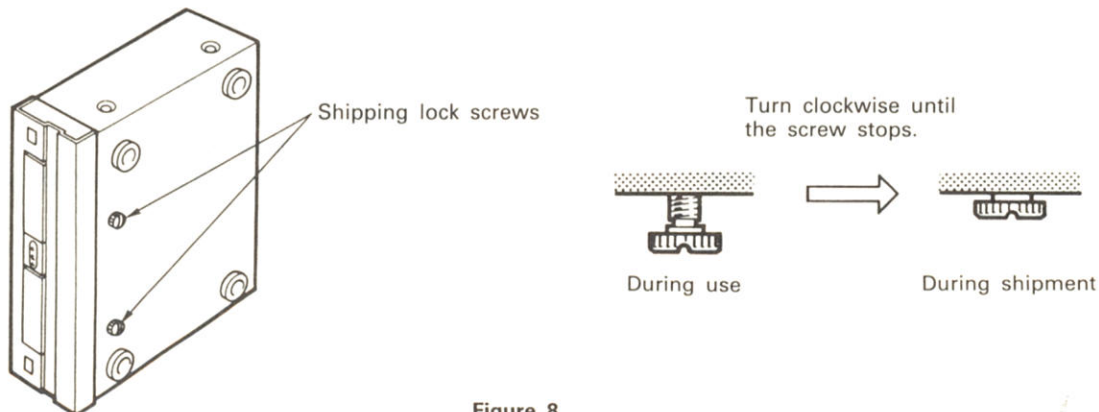


Figure 8

3 DESCRIPTION OF FUNCTIONS

This section describes the names and functions of the parts on the main unit.

1) Names and Functions of Parts on Main Unit

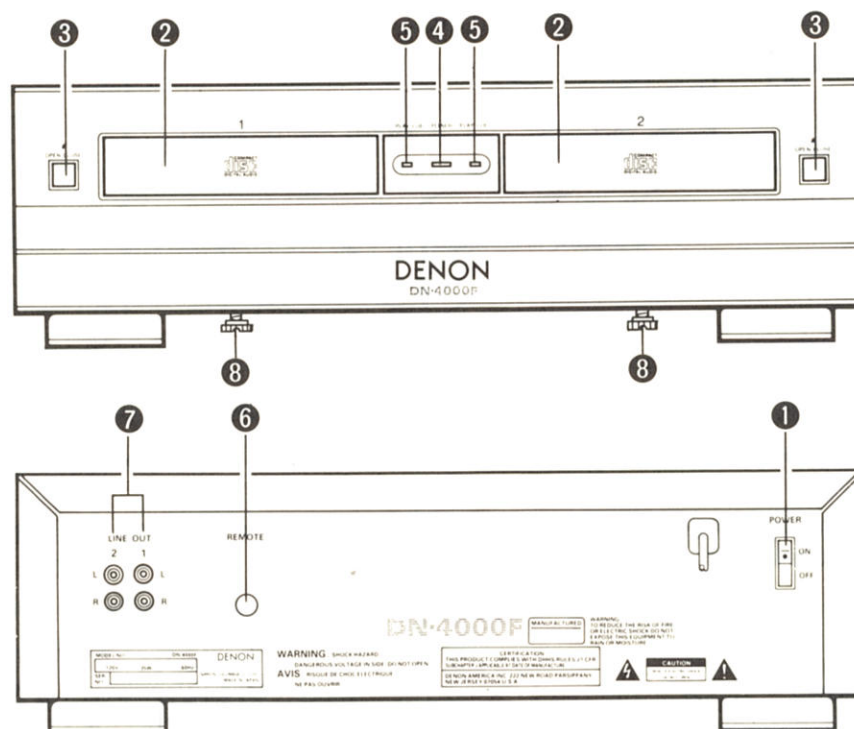


Figure 9

1 POWER switch

This turns the power of the DN-4000F and remote control unit on and off. When on, the POWER indicator 4 is lit.

2 Disc holders

These are where the CDs are loaded. Press the OPEN/CLOSE buttons 3 to open and close them.

Set the CDs securely in the guides.

3 OPEN/CLOSE buttons

Press these to open and close the disc holders 2.

4 POWER indicator

This LED (red) lights when the POWER switch 1 is turned on.

5 PLAY/CUE indicators

These LEDs indicate the operating status of the CD players. Two-color LEDs are used to indicate three different statuses, depending on whether the LED is off, red or green.

Off No CD loaded.

Red When no sound signals are being output (during such operations as track selection, cuing, etc.)

Green When sound signals are being output (during such operations as playback, scanning, searching, etc.)

In addition, the LEDs flash in the respective color when the MULTI SHUTTLE control is being turned.

6 REMOTE connector

Connect the RC-33 remote control unit connector cable here. Insert the cable securely up to the hilt.

7 Line out terminals

The audio signals from the CD players are output from these terminals. Connect them to the line input terminals on the mixing controller using the included connection cords. Be sure the connections are proper, 1 to 1, 2 to 2 and left to left, right to right. Refer to "[2]-3 Connections" on page 8.

8 Shipping lock screws

These screws should be locked during shipping.

2) Names of Parts on Remote Control Unit (RC-33)

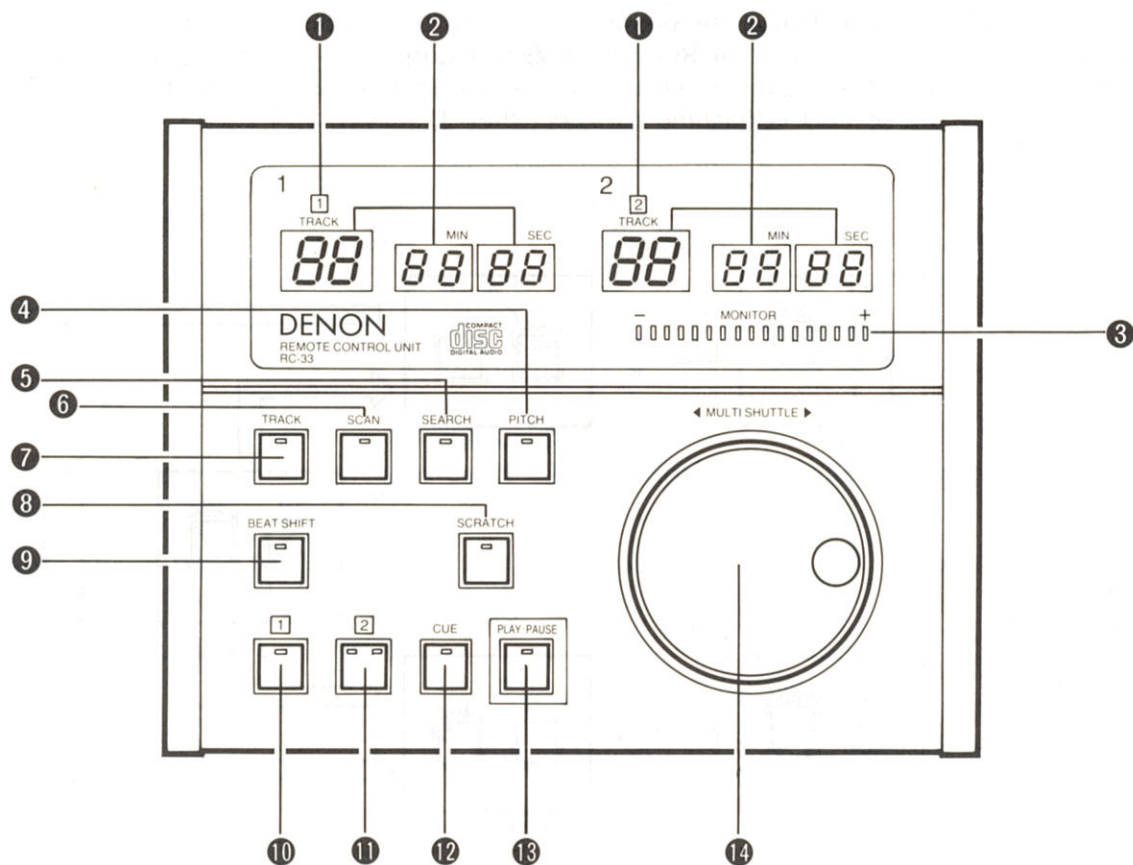


Figure 10

- | | |
|--|-------------------------|
| ① Player select indicators (CD-1 and CD-2) | ⑧ SCRATCH button |
| ② Track number and time displays (CD-1 and CD-2) | ⑨ BEAT SHIFT button |
| ③ MONITOR display | ⑩ CD-1 select button |
| ④ PITCH button | ⑪ CD-2 select button |
| ⑤ SEARCH button | ⑫ CUE button |
| ⑥ SCAN button | ⑬ PLAY/PAUSE button |
| ⑦ TRACK button | ⑭ MULTI SHUTTLE control |

3) Description of Remote Control Functions

This section describes the functions of the RC-33.

① Player selection ([1] or [2])

All operations on either CD-1 or CD-2 are possible using the RC-33. The CD player is selected using the [1] and [2] buttons (10 and 11 on Figure 10). When selected, the LED(s) on the button and the corresponding player select indicator at the top of the RC-33 light (1 on Figure 10). When the power is first turned on or after CDs are loaded, neither player is selected, so operation is not possible from the RC-33. First press a CD select button whose LED is flashing to select the CD player.

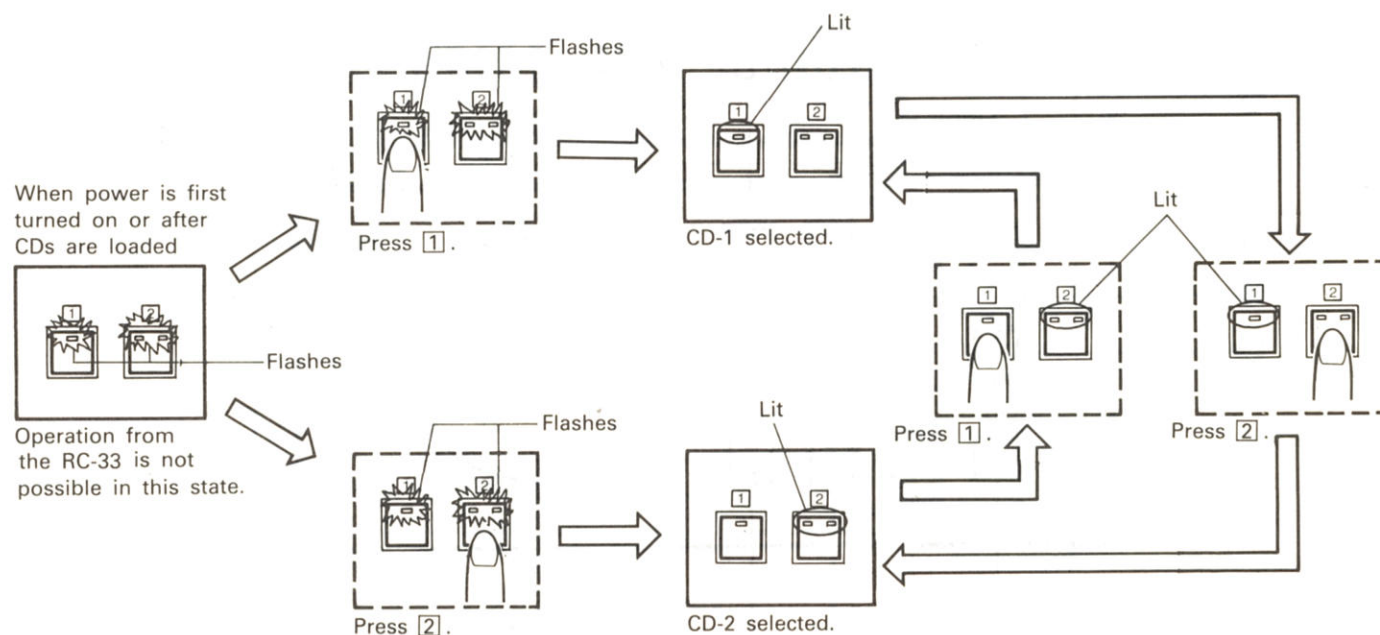


Figure 11

② Modes (TRACK, SCAN, SEARCH and PITCH)

The DN-4000F has four modes, track, scan, search and pitch. Select the mode as required. The modes have the functions described below.

TRACK mode – This mode is for selecting the track to be played. Turn the MULTI SHUTTLE control to select a new track and search to the position from which playback is to start. Refer to page 13.

SCAN mode – This mode is used to move the optical pick-up forward or backward with listening to the sound. Turn the MULTI SHUTTLE control to change the scanning speed. Refer to page 13.

SEARCH mode – This mode is used to accurately set the position from which playback is to begin. When the MULTI SHUTTLE control is turned, the position of the sound changes according to the angle by which the control is turned. Refer to page 14.

PITCH mode – This mode is used to change the playback pitch. Turn the MULTI SHUTTLE control to change the pitch by up to 10% in either direction. Refer to page 14.

Track mode

The following shows what happens when the MULTI SHUTTLE control is turned in the track mode.

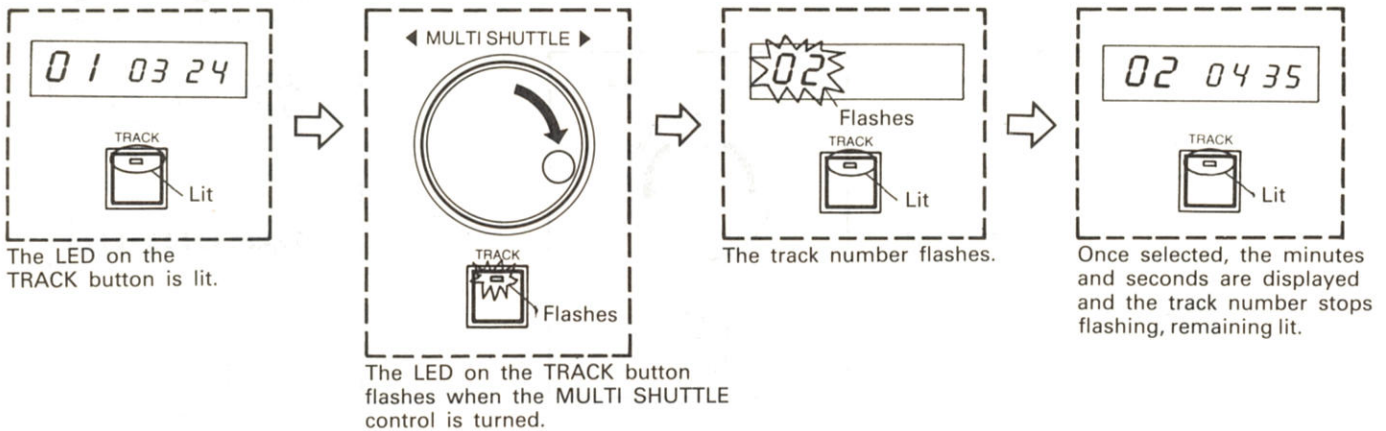


Figure 12

The LED on the TRACK button flashes while the MULTI SHUTTLE control is being turned.

Scan mode

The following shows what happens when the MULTI SHUTTLE control is turned in the scan mode.

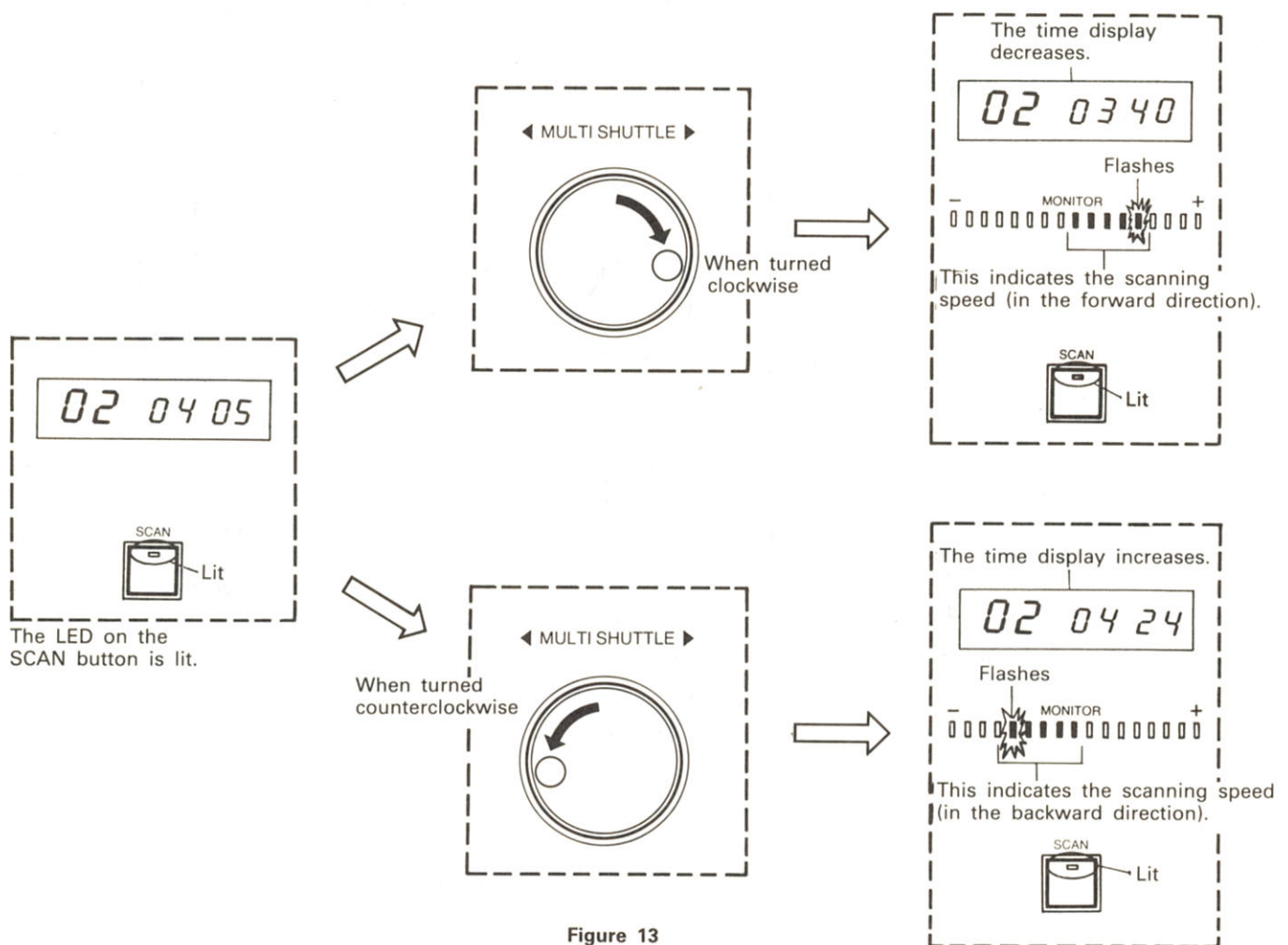
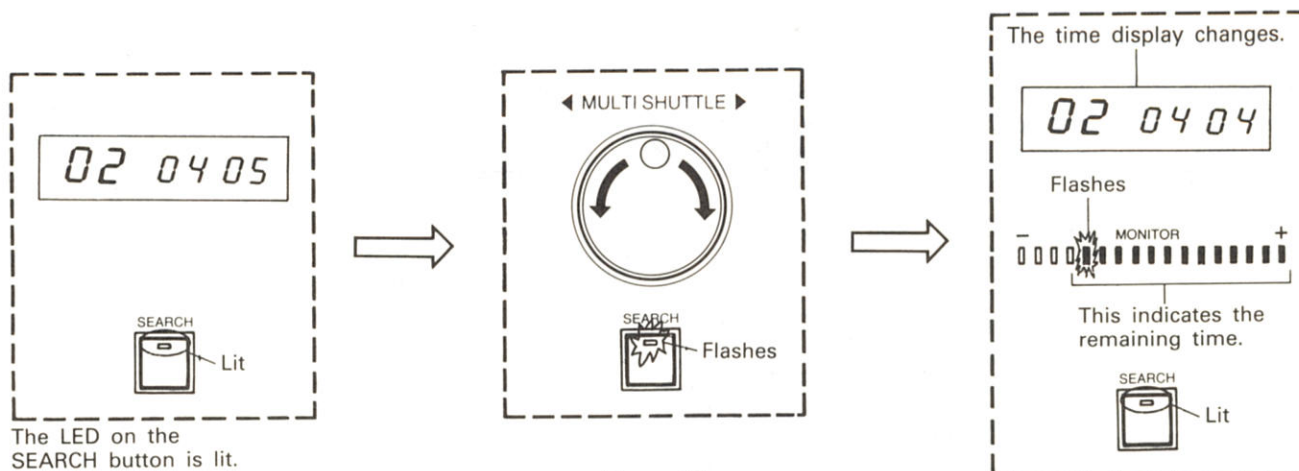


Figure 13

- The LED on the SCAN button flashes while the MULTI SHUTTLE control is being turned.
- The scanning speed can be changed in six steps in both the forward and backward directions by turning the MULTI SHUTTLE control.
- Scanning is not possible before the first track and after the last track on the disc.
- The MONITOR display indicates the scanning direction and speed. Refer to "3-3-8 MONITOR display" on page 17.

Search mode

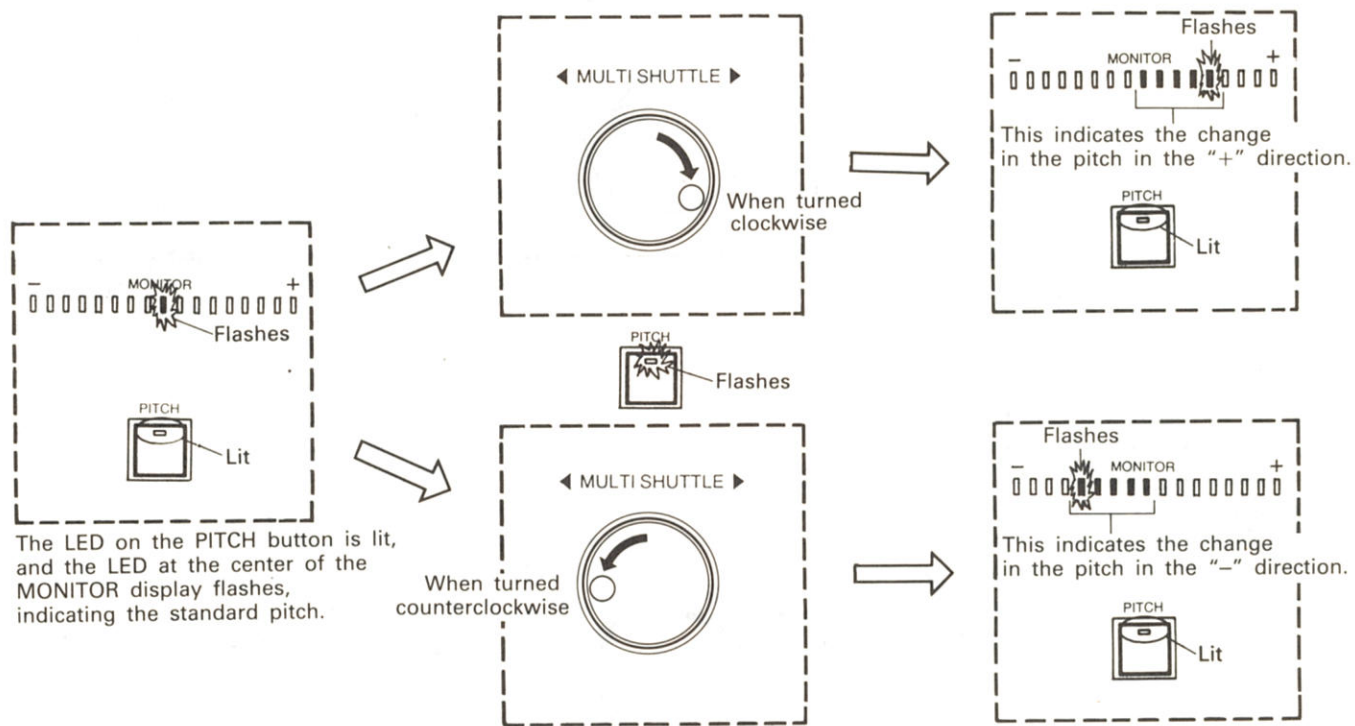
The following shows what happens when the MULTI SHUTTLE control is turned in the search mode.



- The LED on the SEARCH button flashes while the MULTI SHUTTLE control is being turned.
- Searching is not possible before the first track and after the last track on the disc.
- The MONITOR display indicates the remaining time. With the total time for the track displayed corresponding to all of the LEDs on the MONITOR display, the number of LEDs which are lit correspond to the remaining time. Refer to "[3]-3-8 MONITOR display" on page 17.

Pitch mode

The following shows what happens when the MULTI SHUTTLE control is turned in the pitch mode.



- The LED on the PITCH button flashes while the MULTI SHUTTLE control is being turned.
- The pitch increases when the MULTI SHUTTLE control is turned clockwise, and decreases when it is turned counterclockwise.
- The pitch is minimum when the LED on the far left side of the MONITOR display is flashing, and maximum when the LED on the far right side of the MONITOR display is flashing. Refer to "[3]-3-8 MONITOR display" on page 17.

③ Operating buttons (PLAY/PAUSE and CUE)

- Operation switches between the playback and pause modes each time the PLAY/PAUSE button is pressed. See figure 16.
- As playback on the DN-4000F is conducted via the DSP and memory, the sound is produced immediately after the PLAY/PAUSE button is pressed. (Instant start)
- When the CUE button is pressed during playback, playback returns to the position from which it started. (Back cue) See figure 17.

Figures 16 to 18 show typical examples of the operation when the PLAY/PAUSE and CUE buttons are pressed.

Playing and Pausing

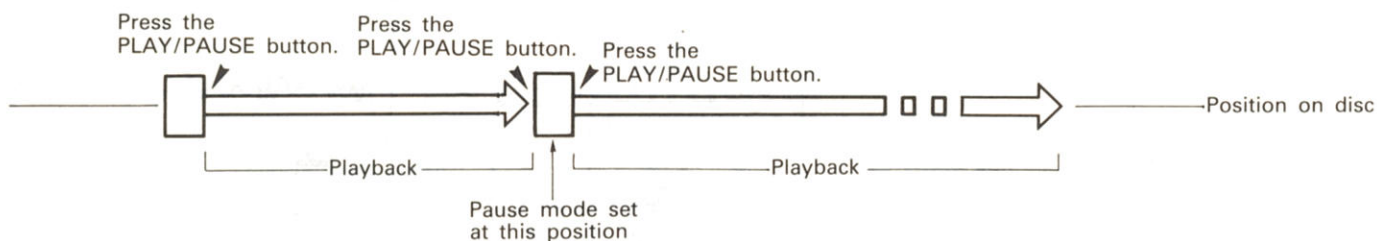


Figure 16

When the PLAY/PAUSE button is pressed, playback begins and continues as shown by the arrow in Figure 16. The pause mode is set when the PLAY/PAUSE button is pressed during playback, and playback resumes when the PLAY/PAUSE button is pressed again.

Playing and Cuing

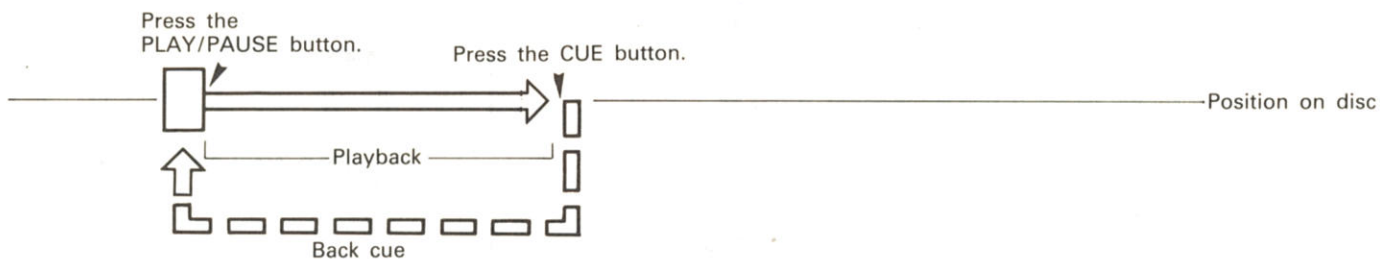


Figure 17

When the CUE button is pressed after the PLAY/PAUSE button has been pressed and the disc is playing, the optical pickup returns to the position at which playback started and is prepared for playback. Press the PLAY/PAUSE and CUE buttons alternately to start playback repeatedly from the same position.

Playing, Pausing and Cuing

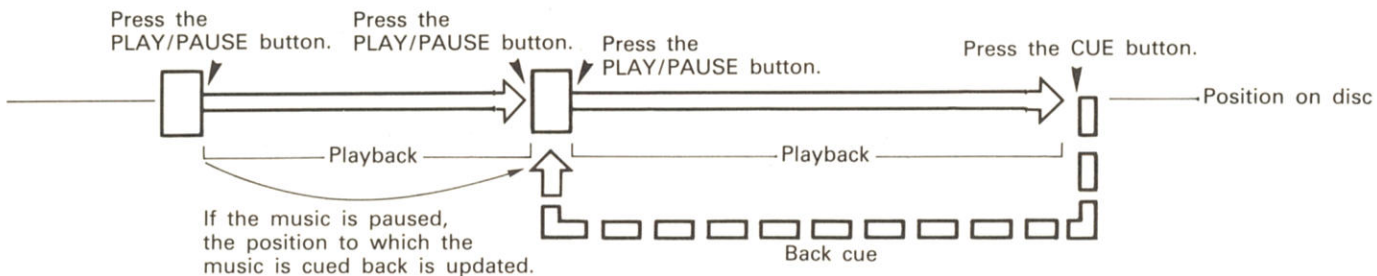


Figure 18

④ Memory effects (BEAT SHIFT and SCRATCH)

- These are digital effects using the DN-4000F's DSP and memory.
- Beat shift is a function for digitally shifting the beat timing of the music playing on CD-1 and CD-2 to match them.
- Scratch is a function for creating an effect similar to scratch playing on vinyl records. The scratch is slow if the MULTI SHUTTLE control is turned slowly, and fast if the MULTI SHUTTLE control is turned quickly.

Beat Shift

In the following example, music with the same waveform is being played on CD-1 and CD-2, and the beat timing of CD-2 is shifted to match the beat timing of CD-1.

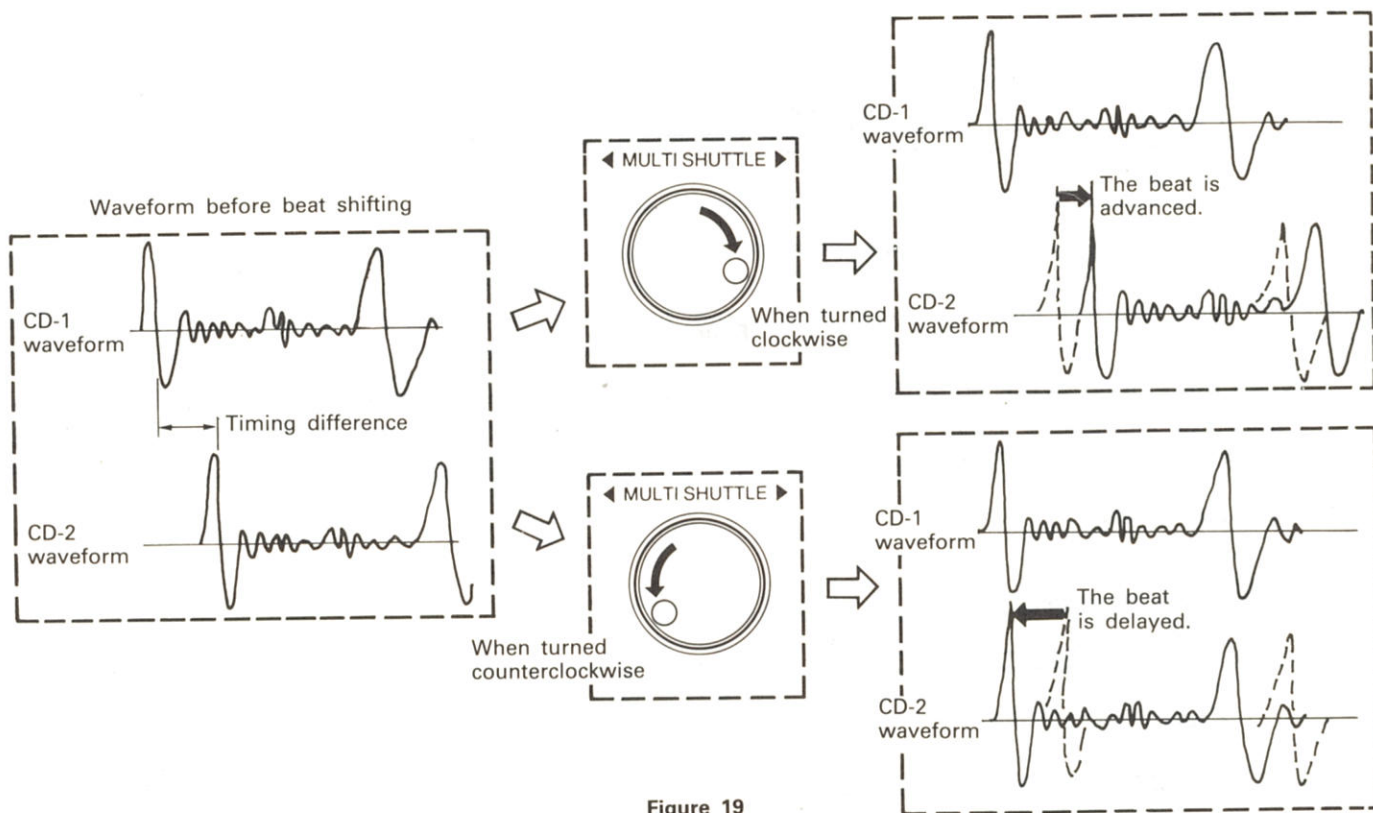


Figure 19

⑤ MULTI SHUTTLE control

This is a digital rotary switch for inputting data according to the mode or effect which is set. Various functions can be used by turning this control clockwise and counterclockwise.

⑥ Player select indicators

These LEDs indicate which player is selected, CD-1 or CD-2. Operations are performed on the player whose LED is lit. Press the CD select buttons (1 and 2) to select the CD player. Refer to "3-3-1 Player Selection" on page 12.

⑦ Time display

The track, minutes and seconds are indicated separately for CD-1 and CD-2. The minutes and seconds indicate the remaining time for the indicated track.

⑧ MONITOR display

The MONITOR display indicates time information or settings selected with the MULTI SHUTTLE control. The display functions in different ways according to the mode which is set and the playback operation.

Mode or operation	Information indicated	MONITOR display	Description
Play, pause, cue and search modes	Time information		All of the LEDs are lit, and the disc is currently at the beginning of the track. When the current position changes during playback or search, the LED which is flashing changes. The lit LEDs indicate the time remaining. In this case there is almost no time remaining.
Scan mode	Direction and speed of scanning		The speed is 0. In other words, the player is not scanning. This indicates that scanning is being performed in the forward direction. The number of LEDs lit indicates the scanning speed. This indicates that scanning is being performed in the backward direction. The number of LEDs lit indicates the scanning speed.
Pitch mode	Pitch		This indicates that the standard pitch is set. The pitch has been set to the "+" side. When the LED at the far right is flashing, the pitch is 10% faster than the standard pitch. The pitch has been set to the "-" side. When the LED at the far left is flashing, the pitch is 10% slower than the standard pitch.
Beat shift mode	Range for which the beat can be shifted		The flashing LED indicates the beat shift position currently set. The beat can be shifted until the LED at either extreme flashes.

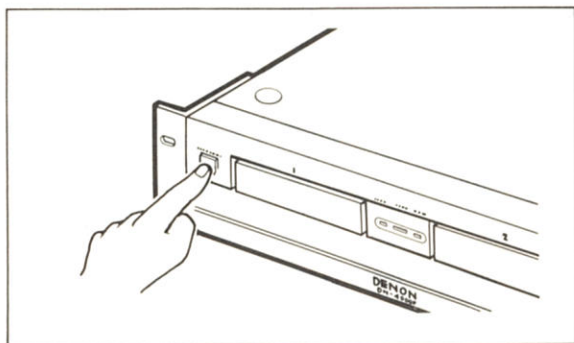
Symbols: - lit
 - flashing

Table 1

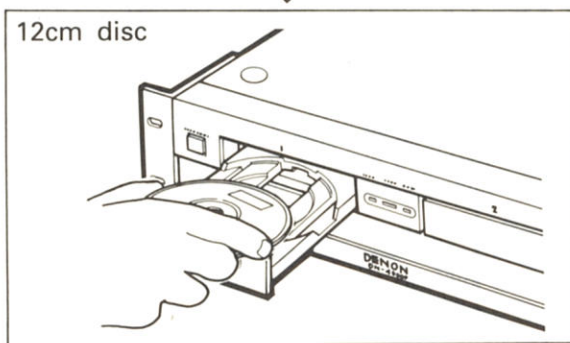
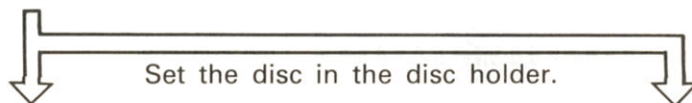
4 BASIC OPERATION

This section describes the procedure for basic operation.

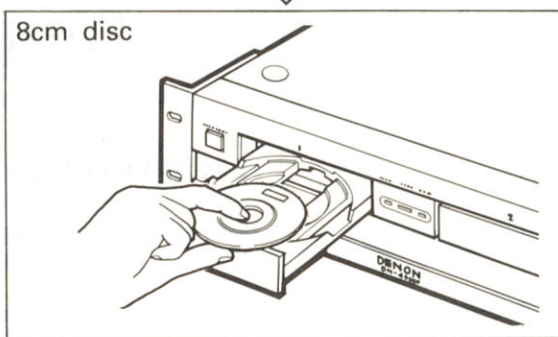
1) Loading and unloading discs



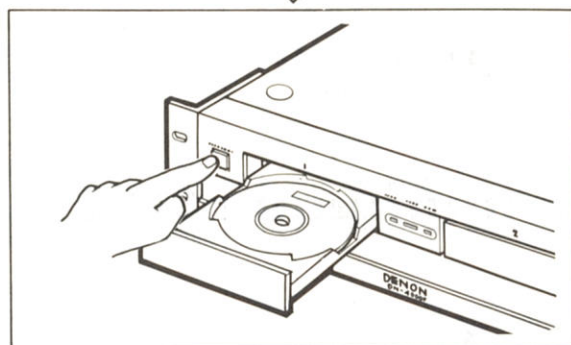
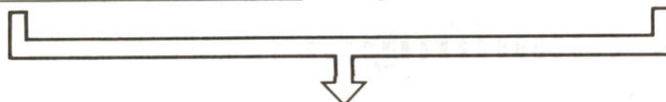
Open the disc holder.
When the disc holder is closed, press the OPEN/
CLOSE button to open it.



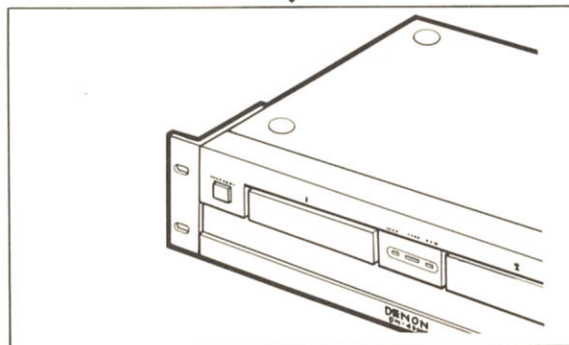
12cm disc



8cm disc



Press the OPEN/CLOSE button to
close the disc holder.



The disc holder closes and pre-
parations for playback begin.

Figure 20

2) Selecting the CD player

- ① When the discs are loaded after the power is turned on, the player select indicator(s) for the player(s) in which a disc is loaded and the LED(s) on the corresponding CD select button flash, indicating that the player(s) can be selected.
Press the CD select button for the player to be operated. The indicator stops flashing, remaining lit, indicating that the player is selected. A player cannot be selected if no disc is loaded in it.
- ② When there are CDs in both players and the CD select button for the player which is not selected is pressed, the new player is selected.

3) Selecting the track

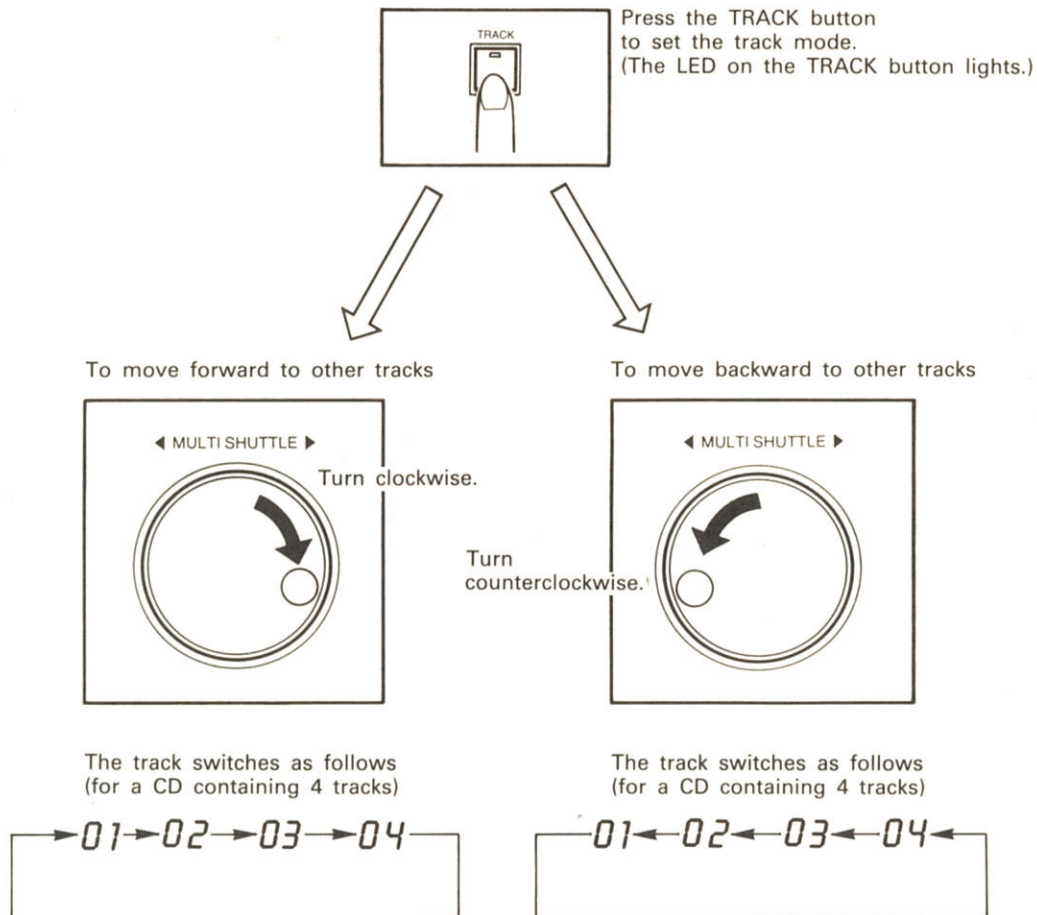


Figure 21

- If a new track is selected during playback, it starts playing automatically as soon as the track selection operation is completed.
- The track display flashes on the time display while the track selection operation is being performed.

4) Starting playback

Playback starts when the PLAY/PAUSE button is pressed during the pause mode or after the back cue operation. Playback starts immediately with no time delay, so musics are switched smoothly.

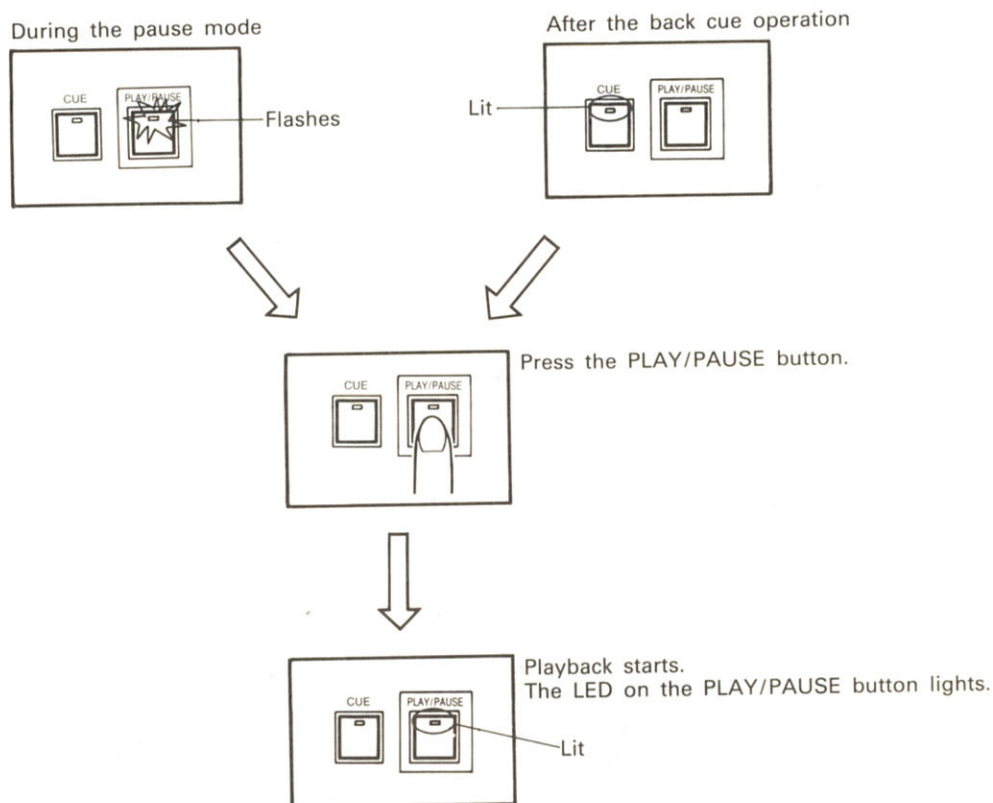


Figure 22

5) Stopping playback

Playback can be stopped in two ways: by pausing or with the back cue function.

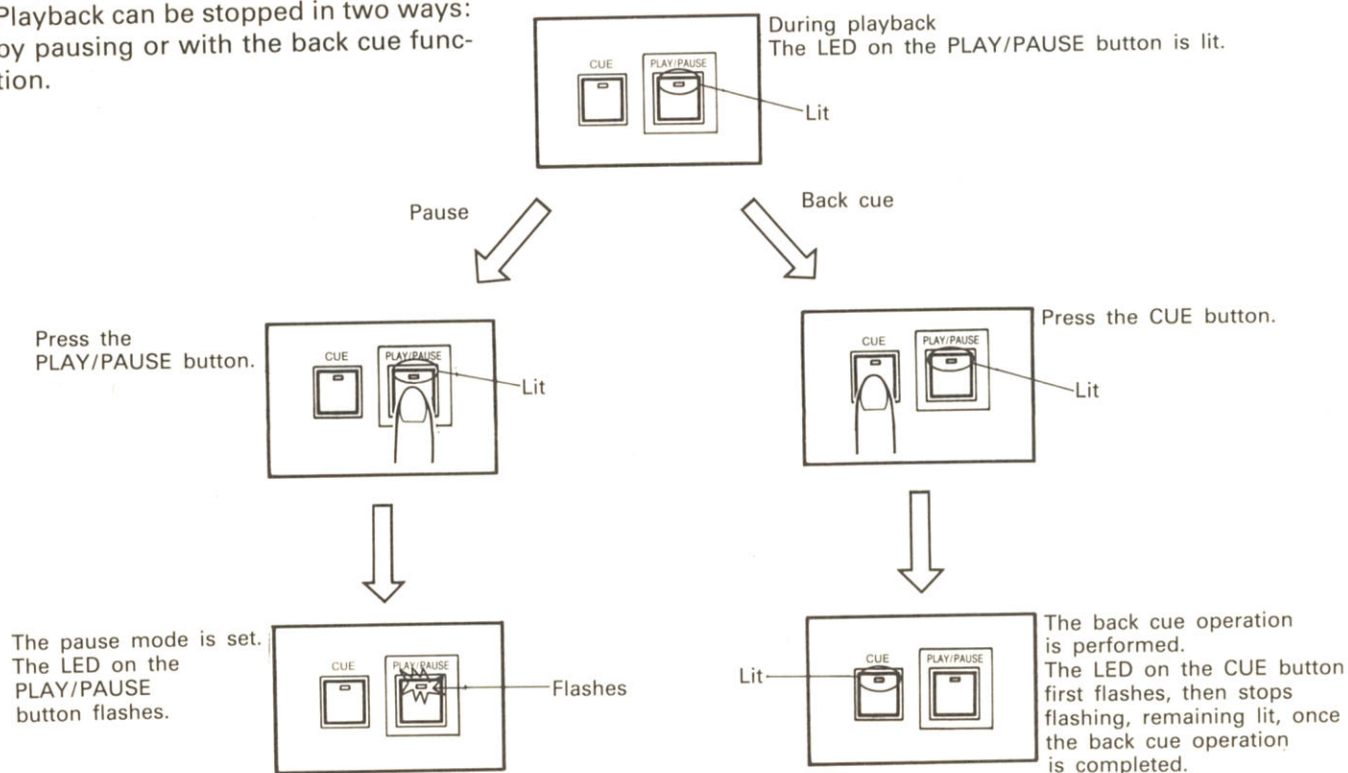


Figure 23

6) Matching the pitch

The DN-4000F lets you match the pitch of the music on CD-1 and CD-2 while monitoring both by ear. Turn the MULTI SHUTTLE control clockwise if the pitch of the music on the selected CD player is slower than the pitch of the music on the other player, or turn it counterclockwise if it is faster. The example below explains how to match the pitch of the music being played on CD-1 to the pitch of the music on CD-2. Refer to "Pitch Mode" on page 14.

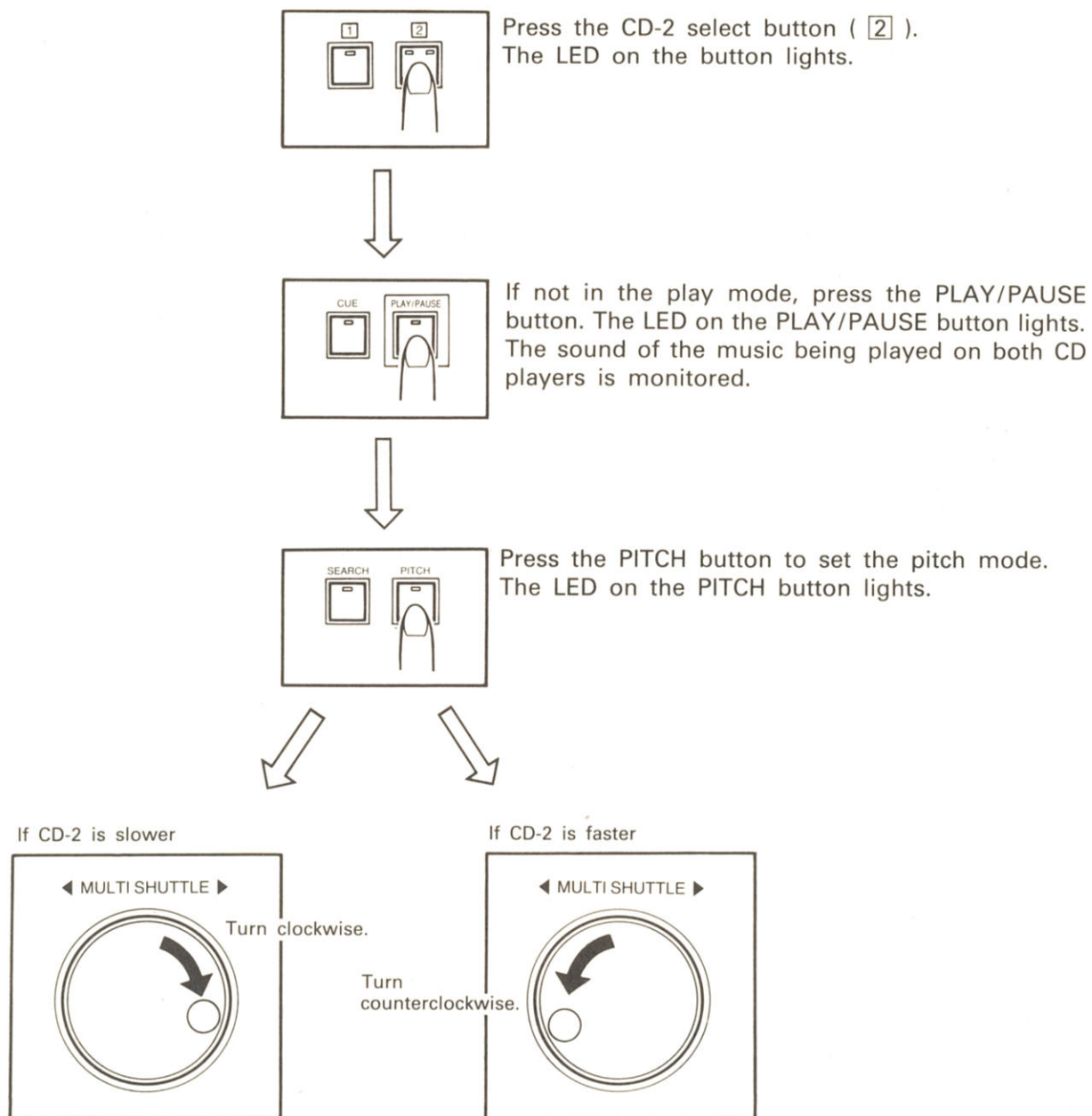
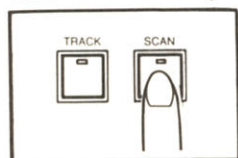


Figure 24

7) Changing the position for starting playback

When a track is selected and the PLAY/PAUSE button is pressed, playback starts from the beginning of the track. To start from any other position, use one of the procedures below. Refer to "Scan Mode" on page 13, "Search Mode" on page 14.

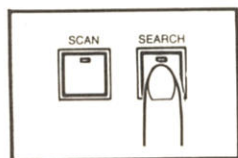
When the desired position is far away



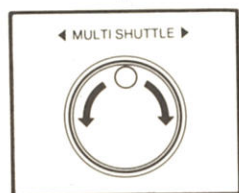
Press the SCAN button.
The LED on the SCAN button lights.
The sound is monitored.



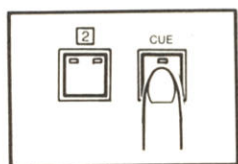
Turn the MULTI SHUTTLE control to move to the near to the position from which you want to start.



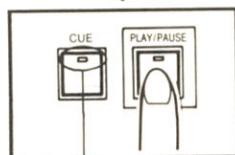
Press the SEARCH button.
The LED on the SEARCH button lights.
The sound is monitored.



Turn the MULTI SHUTTLE control to find the desired position.



Press the CUE button.
The sound is muted, and the LED on the CUE button flashes.
Once preparations for playback are completed, the LED on the CUE button lights.



Press the PLAY/PAUSE button to start playback.
The LED on the PLAY/PAUSE button lights.

Lit

When the desired position is nearby



Figure 25

8) Checking the position for starting playback

Use the following procedure to recheck the position from which playback is starting after selecting a track or changing the position by scanning or searching.

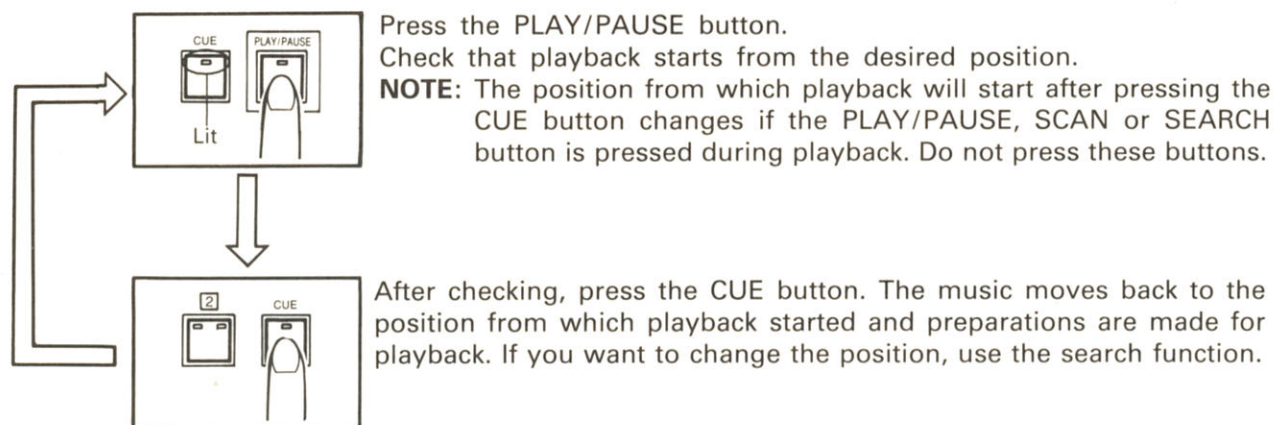


Figure 26

9) Matching the beat

Here we explain how to use the beat shift function to match the beat of the sound on CD-1 and CD-2. To simplify the explanation, assume that the same track is being played on both players. In this example, the beat timing of the music on CD-2 is matched to the beat timing of the music on CD-1. Refer to "Beat Shift" on page 16.

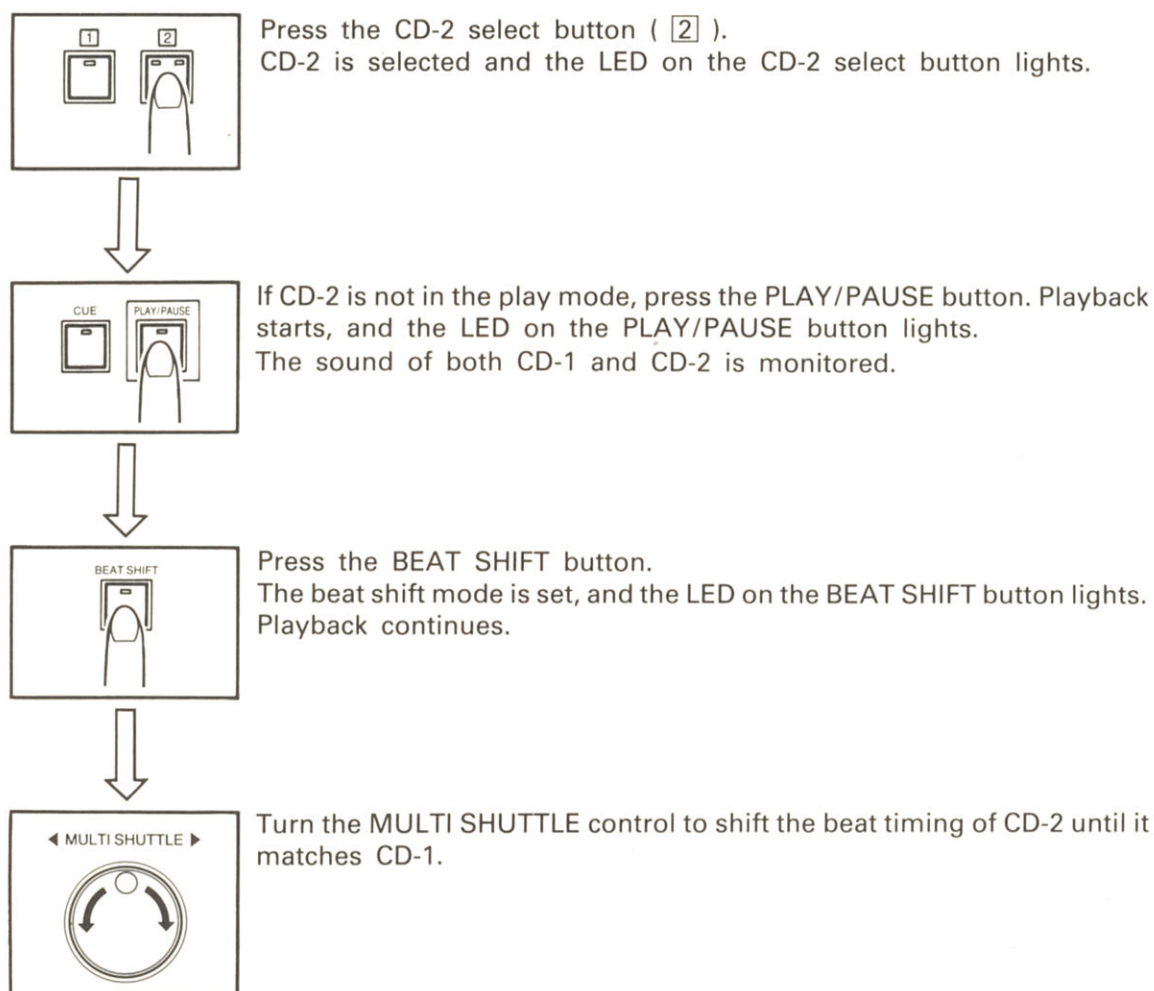


Figure 27

10) Using the scratch function

The scratch sound is a digital effect created by the DN-4000F. Scratch sound is produced by setting the scratch mode during playback and turning the MULTI SHUTTLE control. Figure 28 explains the procedure.

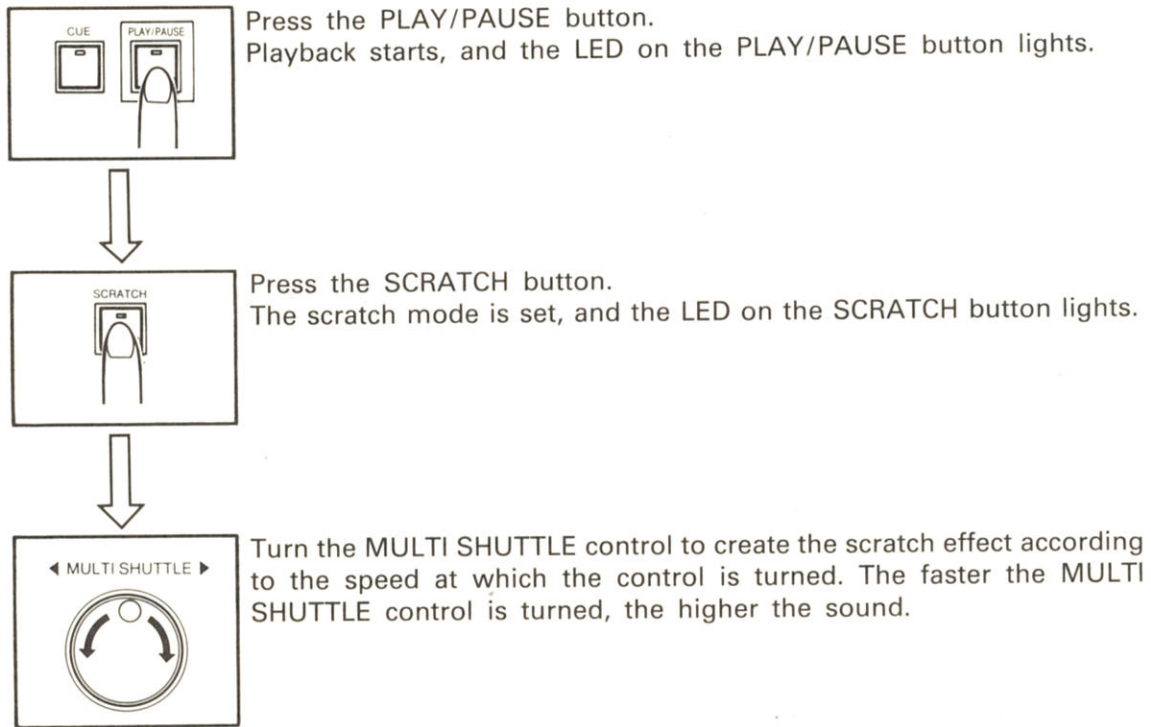


Figure 28

5 EXAMPLES OF MIXING USING THE DN-4000F

Here we describe actual examples of mixing using the system shown in Figure 5 on page 8. In these examples, playback is switched from CD-1 to CD-2 with instant start once a certain track has been played on CD-1 and the pitch and beat have been matched to CD-2.

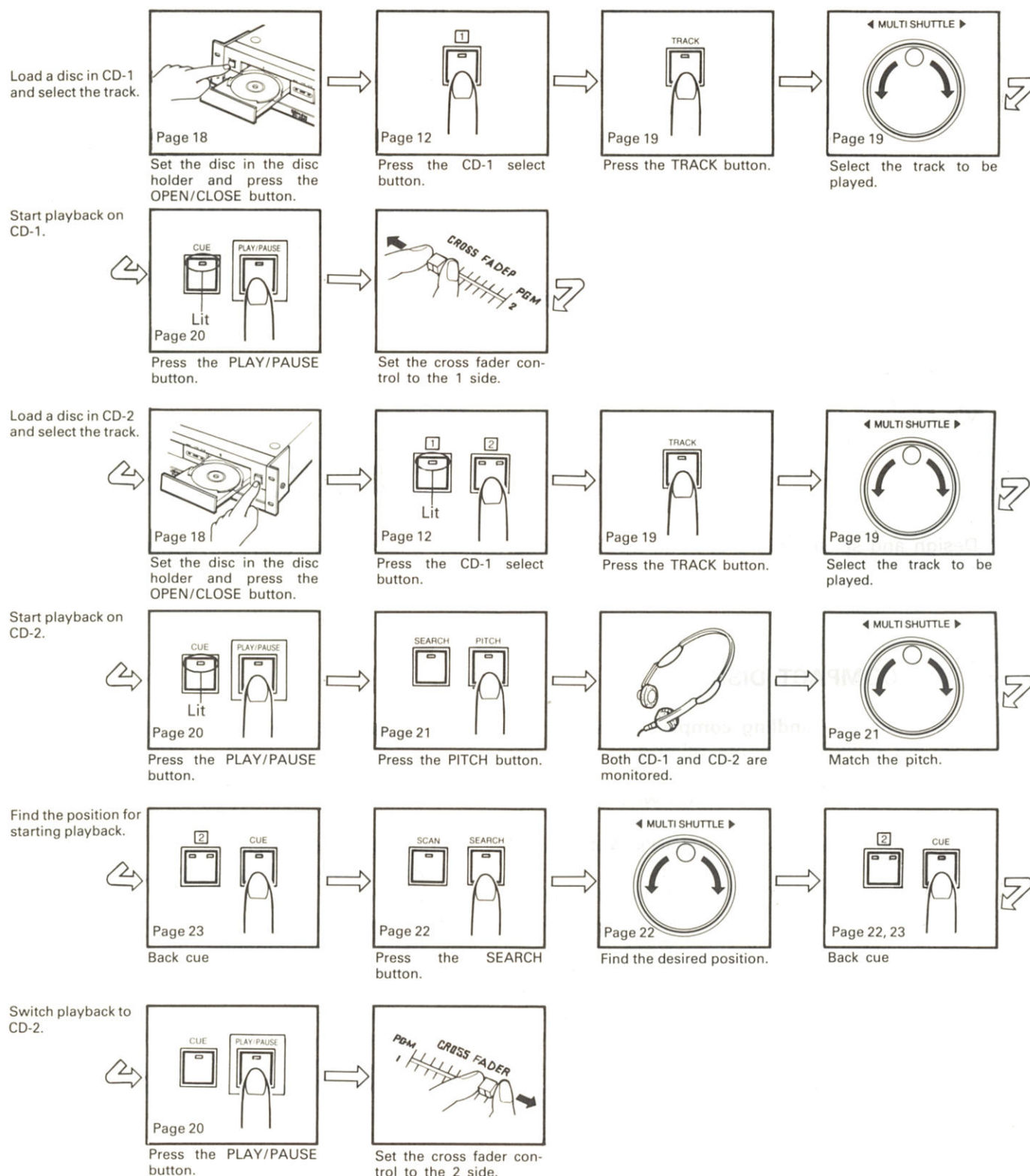


Figure 29

6 SPECIFICATIONS

GENERAL

Type: Twin Mechanism Compact Disc Player with Wired Remote Controller

Available Disc: Standard Compact Disc (12 cm, 8 cm)

AUDIO

Quantization: 18 bit linear

Sampling Frequency: 44.1 kHz at normal speed

Oversampling Rate: 8 Times

Frequency Response: 20 to 20,000 Hz

Distortion: THD 0.008% below

Signal to Noise Ratio: 92 dB or more

Dynamic Range: 90 dB or more

Channel Separation: 85 dB or more

Load Impedance: 47 k ohms or more

Output Level: 2.0 V at 0 dB Disc (47 k ohm)

FUNCTIONS

Music Select: 1 to 99 Selectable
Increment: Clockwise
Decrement: Counterclockwise

Variable Speed: $\pm 10\%$
Fast: Clockwise
Slow: Counterclockwise

Beat Shift: Max. 1.48 sec
Forward: Clockwise
Reverse: Counterclockwise

Scratch Play: Range: ± 0.5 sec

Dimensions: Player Unit;
434 (W) $\times$ 132 (H) $\times$ 340 (D) mm
Controller;
230 (W) $\times$ 55 (H) $\times$ 180 (D) mm

Weight: Player Unit;
Approximate 5 kg
Controller;
Approximate 2 kg

Power Consumption: 35 W

Power Requirement: U.S.A. Model; AC 120 V 60 Hz
Multiple Voltage Model; AC 120 V, 220 V or 240 V 50/60 Hz

Environment: Temperature; 5 to 35°C
Humidity; 25 to 85% RH
(Non Condensing)
Storage Temperature; -20 to 60°C

Safety Standard: UL Approval

ACCESSORIES

Connecting Cable: 3 m (10 feet)

Line out Cord (L/R): 2 pcs.

Rack Mount Angle: 2 pcs. with screws

* Design and specifications are subject to change without notice in the course of product improvement.

7 THE COMPACT DISC

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.
We recommend using DENON's AMC-20/21 CD CLEANER is recommended.
- Do not use benzene, thinner, water, record spray, electrostatic-proof chemicals, or silicone-treated cloths to clean discs.
- Always use carefully handle discs to prevent damaging the surface; in particular when removing a disc from its case or returning it.
- Do not bend.
- 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. Precaution on storage

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

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