This unit is designed for home use only. If the unit is used in a location other than at home, such as in a shop (for commercial use), in a car or in a ship, etc., and is damaged, a service fee may be charged even during the warranty period.

This instruction manual is used for two models. Model availability and features (functions) may differ depending on the country and sales area.

About the DTS multi-channel audio format
The DTS multi-channel audio format is available on CD, LD and DVD software. DTS is a strictly digital format and can not be decoded inside most CD, LD or DVD players. For this reason, if you attempt to listen to DTS encoded software through the analog output of your new CD player, you will experience digital noise. This noise can be quite loud if the analog output is connected directly to a high power amplification system. Proper precautions should be taken to avoid this situation. To enjoy DTS Digital Surround playback, an external 5.1 channel DTS Digital Surround decoder system must be connected to the digital output (S/PDIF, AES/EBU, or TosLink) of the CD player.
Before applying power

Caution: Read this section carefully to ensure safe operation.

Units are designed for operation as follows.

- **U.S.A. and Canada**: AC 120 V only
- **Australia**: AC 240 V only
- **Europe and U.K.**: AC 230 V only
- **Other countries**: AC 110-120 / 220-240 V switchable

---

For the United Kingdom

Factory fitted moulded mains plug

1. The mains plug contains a fuse. For replacement, use only a 13-Amp ASTA-approved (BS1362) fuse.
2. The fuse cover must be refitted when replacing the fuse in the moulded plug.
3. Do not cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach your power points, then obtain an appropriate safety approved extension lead or adapter, or consult your dealer.

If nonetheless the mains plug is cut off, remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.

**IMPORTANT**

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

- Blue : Neutral
- Brown : Live

Do not connect these leads to the earth terminal of a three-pin plug.

---

Safety precautions

Caution: Read this section carefully to ensure safe operation.

**WARNING**: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

---

**CAUTION**

Risk of electric shock 

- **WARNING**: TO PREVENT FIRE OR 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.

---

**REQUIREMENT BY NEDERLAND GAZETTE**

Batteries are supplied with this product. When they empty, you should not throw away. Instead, hand them in as small chemical waste.

---

**The marking of products using lasers**

(Except for some areas)

**CLASS 1 LASER PRODUCT**

The marking is located on the rear panel and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.
Special features

CD player with 200-disc changer

This unit can accommodate up to 200 discs and can be used like a home jukebox.

Multi-room capability

This unit consists of two CD player mechanisms and an independent second output (OUTPUT-B) for simultaneous playback of two discs. This makes it possible to enjoy different music in different rooms, by listening to the playback of a disc on Mechanism-A in Room A and that of a disc on Mechanism-B in Room B, for example.

CD-TEXT support

The text information (disc title, track titles, names of the artists, songwriters, composers, etc.) recorded on the CDs can be easily called and displayed in alphanumeric. (Some Japanese words and text may not be displayed.)

Title name registrable

In case of a disc not corresponding to CD-TEXT, you can register a disc title and track titles yourself.

Programmed playback

Desired tracks from up to 200 discs can be selected and programmed in the desired order. (Maximum 32 tracks)

Continuous playback

By preparing the disc to be played next in the other mechanism while playing a disc, two discs can be played continuously with minimum disc change time.

Filing functions suitable for a 200-disc changer

An enhanced filing function is provided to handle the large disc capacity.

Music type: Discs are filed by 25 music genres.
Best selection: Only favorite tracks can be registered from 200 discs and played.

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**Unpacking**

Unpack the unit carefully and make sure that all accessories are put aside so they will not be lost. Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

Keep this manual handy for future reference.

---

**Accessories**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio cord</td>
<td>2</td>
</tr>
<tr>
<td>System control cord</td>
<td>1</td>
</tr>
<tr>
<td>Communication cord</td>
<td>1</td>
</tr>
<tr>
<td>Remote control unit</td>
<td>1</td>
</tr>
<tr>
<td>Batteries (R6/AA)</td>
<td>2</td>
</tr>
</tbody>
</table>

---

**Important items**

**Types of discs playable on this unit**

- With CD-G (CD Graphics) discs, this unit can play only the audio part.
- An 8 cm CD cannot be played back.

<table>
<thead>
<tr>
<th>Disc Type</th>
<th>Disc Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD (ordinary Compact Disc)</td>
<td>12 cm</td>
</tr>
<tr>
<td>Audio part of CDV (CD with video)</td>
<td>12 cm</td>
</tr>
</tbody>
</table>

---

**About the DTS multi-channel audio format**

The DTS multi-channel audio format is available on CD, LD and DVD software. DTS is a strictly digital format and cannot be decoded inside most CD, LD or DVD players. For this reason, if you attempt to listen to DTS encoded software through the analog output of your new CD player, you will experience digital noise. This noise can be quite loud if the analog output is connected directly to a high power amplification system. Proper precautions should be taken to avoid this situation. To enjoy DTS Digital Surround playback, an external 5.1 channel DTS Digital Surround decoder system must be connected to the digital output (S/PDIF, AES/EBU, or TosLink) of the CD player.

"Registration of DTS discs"
Disc handling precautions

Handling
- Hold compact discs by their edges so that you do not touch the playing surface.

- Do not attach paper or tape to either the playing side or the label side of compact discs.
- The paste left on the label surface after a sticker has been peeled off is a factor which may cause malfunction. If the surface is sticky due to remaining paste, be sure to clean it with alcohol before use.

Cleaning
If fingerprints or foreign matter become attached to the disc, lightly wipe the disc with a soft cotton cloth or similar cloth from the center of the disc outwards in a radial manner.

Storage
When a disc is not to be played for a long period of time, remove it from the CD player and store it in its case.

Never play a cracked or warped disc
During playback, the disc rotates at high speed in the player. Therefore, to avoid danger, never use a cracked or deformed disc or a disc repaired with tape or adhesive agent. Please do not use discs which are not round because they may cause a malfunction.

CD accessories
The CD accessories (stabilizer, protection sheet, protection ring, etc.) which are marketed for improving the sound quality or protecting discs as well as the disc cleaner should not be used with this system because they may cause malfunction.

Cleaning
Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzene, etc. to clean the cabinet. Use a clean dry cloth.

Do not use contact cleaners because it could cause a malfunction. Be specially careful against contact cleaners containing oil, for they may deform the plastic components.

Caution on condensation
Condensation (fog) may occur inside the unit when there is a great difference in temperature between this unit and the outside. This unit may not function properly if condensation occurs. In this case, leave the unit for a few hours with the power left ON, and restart the operation after the condensation has dried up.

Be specially cautious against condensation in the following circumstances:
- When this unit is brought from a cold place to a warm place, or vice versa.
- When this unit is used in a room where there is a great difference in temperature, or in a room where the humidity is high.

Memory backup function
- Stored contents for at least 3 weeks after power plug is unplugged from the AC outlet.

Power status (ON or OFF), Title name registration contents, Music type registration contents, Disc selection registration contents, DTS registration contents

Periodic inspection
This unit incorporates an optical pickup which is a precision device. It is recommended to have this unit inspected periodically to clear the pickup after about 1000 hours of use, although the period may vary depending on the installation condition (temperature, humidity, dust, smoke, etc.) of the unit.

The unit has inspected, please consult your dealer or a KENWOOD service center in your area.

Note related to transportation and movement
Before transporting or moving this unit, carry out the following operation:

1. Remove all discs from the carousel and close the door panel.
2. Confirm that the flashing “NO DISC” display has changed to steady lighting, and then switch off the power.
3. Wait a few seconds, then disconnect the power plug.
System connections

Make connections as shown below.
When connecting the related system components, refer also to the instruction manuals of the related components. Do not plug in the power lead until all connections are completed.

Be sure to use this unit placed on a level surface.

Optical connection
(Except for the U.S.A. and Canada)
Optical fiber cable (Commercially-available)
To OPTICAL terminals like receiver, MD, DAT, etc.
Remove the protection cap when using the DIGITAL OUTPUT (OPTICAL) jack.

Output A : Output from Mechanism-A.
OUTPUT B : Output from Mechanism-B.

Digital component (MD, DAT, etc.)

DIGITAL INPUT (COAXIAL)
75Ω coaxial cable with RCA PIN (Commercially-available)

SL 16/XS8 switch

System control cord
Communication cord

Audio cord
CD2

Digital amplifier or receiver, etc.

About the DTS multi-channel audio format
The DTS multi-channel audio format is available on CD, LD and DVD software. DTS is a strictly digital format and cannot be decoded inside most CD, LD or DVD players. For this reason, if you attempt to listen to DTS encoded software through the analog output of your new CD player, you will experience digital noise. This noise can be quite loud if the analog output is connected directly to a high power amplification system. Proper precautions should be taken to avoid this situation. To enjoy DTS Digital Surround playback, an external 5.1 channel DTS Digital Surround decoder system must be connected to the digital output (S/PDIF, AES/EBU, or TosLink) of the CD player.

*2 Note on the SL-16 TEXT jack
When using a KENWOOD Receiver equipped with the SL-16 TEXT jack, connect it to the Receiver using the communication cord provided with the unit. This makes it possible to display the disc and track titles on the LCD remote control unit (provided with the Receivers).

Do not forget to set the SL-16/XS8 switches of the Receiver and this unit to SL-16.

1. Connect all cords firmly. If connections are loose there could be loss of sound or noise produced.
2. When plugging and unplugging connection cords, be sure to first remove the power cord from the AC outlet. Plugging/unplugging connection cords without removal of the power cord can cause malfunctions or damage to the unit.
Connection to digital amplifier or MD (OUTPUT-A only)

Connect the DIGITAL OUT (OPTICAL or COAXIAL) jack to the digital input jack of the amplifier, DAT recorder, MD recorder, etc., using an optical fiber cable or coaxial cable which are commercially available in audio stores.

- When using an optical fiber cable to connect this unit to a digital amplifier, insert the plug straight into the jack until a snap sound is heard.
- Be careful not to bend, coil, or bundle the optical fiber cable.
- Optical fiber cables available on the market may not always be able to be used with this player. If your cord cannot be used with this unit, consult the store from which you purchased the cord or your nearest dealer.

Connection to a general-use amplifier

Use the provided audio cords to connect the OUTPUT jacks of this unit to the CD input jacks (or AUX jacks) of the amplifier.

SYSTEM CONTROL CONNECTIONS

Connecting system control cords after connecting a KENWOOD audio component system lets you take advantage of convenient system control operations. There are two KENWOOD system control modes. Make connections according to the groups of terminal symbols shown below. OUTPUT-B is available only in [SL16] mode.

- [XS8] Mode: lets you combine [XS], [XS], and [XS8] terminals
- [SL16] Mode: for [SL16] terminals only

This unit is compatible with both [XS8] and [SL16] modes. Select the mode according to the connected components.

SL16 XS8

- Do this operation after completing all connections (ensure that the power plug is not connected.)

1. If your amplifier or receiver does not have a system control terminal, do not connect any system control cords to the system control terminals on the other components.
2. Do not connect system control cords to any components other than those specified by KENWOOD. It may cause a malfunction and damage your equipment.
3. Be sure the system control plugs are inserted all the way in to the system control terminals.

SYSTEM CONTROL OPERATIONS

Remote Control

Lets you operate this unit with the system remote control unit supplied with the amplifier or receiver.

Automatic Operation (Except [XR] equipment)

Automatically switches the input selector on the amplifier or receiver when you start playback from this unit.

Synchronized Recording (Except [XR] equipment)

Lets you synchronize recording with the start of playback when recording from a CD. Also, the simple CCRS operation enables great recordings from CDs.

See the operating instructions supplied with your cassette deck for details.
Controls and indicators

- **POWER key/STANDBY indicator**: (For the U.S.A. and Canada) / (For other countries)
- **I/O key/STANDBY indicator**: Used for timer play ON/OFF.
- **TIMER PLAY switch**: Press to start random playback.
- **Mechanism-B display**: Press to switch between mechanisms A and B. While the B indicator is lit, only the key on the main unit is valid.
- **Remote sensor**: Used for disc selection. Characters are selected at the time of title registration.
- **Remote control signal transmitter**: The disc and track title data are output to the LCD remote control unit provided with a KENWOOD Receiver through this window.
- **DISPLAY key**: Switching between title display and time display.
- **CONTINUOUS PLAY key**: Used for continuous play mode-switching.
- **Skip keys (→→→)**: Press to skip to the beginning of another track. Characters are selected at the time of title registration.

**About the STANDBY mode**

While the STANDBY indicator is lit, a small amount of power is supplied to the system to back up the memory. This is called the standby mode. Under that condition, the system can be turned ON by the remote control unit.
Operation of remote control unit (Mechanism-A only)

The keys with the same name as those on the main unit operate the same way as on the main unit. The keys marked * are provided only on the remote control unit. The remote control unit controls Mechanism-A regardless of whether the OPERATION A-B indicator on the main unit is lit or not.

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1   | POWER key | Input keys for numbers and letters *
| 2   | DISC SKIP keys (\(\downarrow\), \(\uparrow\)) |
| 3   | DISC SELECTOR key |
| 4   | Keys for basic operation and character input |
| 5   | STOP key (\(\oslash\)) |
| 6   | PLAY/pause key (\(\triangleright\)/\(\triangleright\)) |
| 7   | CHARACTER/SEARCH; Skip (DOWN/UP) keys (\(\downarrow\), \(\uparrow\)) |
| 8   | SEARCH; CURSOR (L/R) keys (\(\leftarrow\), \(\rightarrow\)) |
| 9   | Keys related to playback mode and display |
| 10  | CONFIRM key |
| 11  | CONTINUOUS PLAY key |
| 12  | SUB OUT MONITOR key |
| 13  | BEST SELECTION key |
| 14  | KEYS related to program and file registration |
| 15  | MODE key |
| 16  | SET key |
| 17  | ENTER key |
| 18  | CHARACTER/P.MODE key |
| 19  | SPACE/CHECK key |
| 20  | INSERT key |
| 21  | DELETE/CLEAR key |

Loading batteries

1. Remove the cover.
2. Insert batteries.
3. Close the cover.

- Insert two AA-size (R6) batteries as indicated by the polarity making.

Operation

After plugging in the power cord, press the POWER (\(\oslash\)/\(\triangleright\)) key of the main unit to turn the power ON. When the power is turned ON, press the key of the function to be operated.

- When pressing more than one remote control key successively, press the keys securely by leaving an interval of 1 second or more between keys.

1. The supplied batteries are intended for use in operation checks. Therefore, their lives may be shorter than ordinary batteries.
2. When the remote-controllable distance gets shorter than before, replace both batteries with new ones.
3. Malfunction may occur if direct sunlight or the light of a high-frequency lighting fluorescent lamp enters the remote control light sensor. In such a case, change the system installation position to prevent the malfunction.
Loading discs in the carousel

1 Switch power ON.

Press the POWER (I/0) key.

2 Open the door panel toward the front.

Press PUSH OPEN at the right top of the door panel.

Do not place any object on the open door panel.

3 Load discs.

Turn the DISC SKIP knob and bring the slot with the disc to be placed to the front.

Insert the disc vertically.

Insert CDs with the label side facing toward your right.

Insert one CD per slot all the way.

Repeat 1 and 2 to insert discs.

4 Close the door panel.

When a title name has been registered and the door panel is closed, reading operation is performed automatically.

DISPLAY-A The display flashes.

DISC READING
**Disc replacement**

Discs can be replaced with the same procedure as “Loading discs in the carousel”. In stopped condition, all discs can be exchanged. However, when the door panel is opened while “DISC DETECTION” is being displayed, it may not be possible to remove the disc which had been played. Accordingly, wait for the “DISC DETECTION” indication to go out before opening the door panel. When the disc information has been read in at the time of registration of disc information like title name, music type, etc., the disc information can be recalled even when the disc insertion place is changed.

---

**Selecting Mechanism A or B**

The audio played on Mechanism-A is output from OUTPUT-A and that played on Mechanism-B is output from OUTPUT-B. This makes it possible to enjoy different music in different rooms.

- Each press of the key switches mechanisms A and B alternately and lights the indicators accordingly.
- After selecting the mechanism, operate the player.
- The OPERATION A-B key is set to A during continuous play mode. It is not possible to switch the mechanism during it.

---

**In regard to ALL DATA READ mode (Mechanism-A only)**

The disc information for all discs will be read. It is convenient to execute this mode before playback after discs have been exchanged. Close the door panel before operation.

1. Press the MODE key.
2. Select “ALL DATA READ”.
3. Set the input.

To display the title name on a LCD remote control unit (provided with a KENWOOD Receiver), perform the all data read operation first, and operate the LCD remote control unit with the door left closed. For the operation of the LCD remote control unit, refer to the instruction manual provided with your receiver.

Each press switches the modes as follows:

- MUSIC TYPE
- TITLE INPUT
- ALL DATA READ
- ALL INFORMATION
- DTS ANALOG MUTE

---

1. Please remove all CDs from the carousel before moving the unit.
2. In case of blinking indication of “DISCXXX ERROR”, open the door panel, confirm that the error disc has come to the center position, and then exchange the error disc.
3. If blinking “PLEASE WAIT” is displayed when the door panel is opened, do not attempt to change the disc.
Normal play (TRACK mode)

Preparation
• Load discs into the carousel
• Select the Mechanism-A or Mechanism-B

Playing tracks in order from track No.1

Use the following procedure to play a CD in the original order of tracks from track No.1.

1 Select the disc.

![Disc selection diagram]

- Each press of a key increases or decreases the disc number. Holding the key depressed varies the disc numbers successively.
- When the disc corresponds to CD-TEXT, or when the disc title has been registered, the disc title will be displayed with scrolling. Discs can be selected while looking at the registered contents.

*Registration of Title Name*

Display when disc No. 123 is selected

![Disc display]

Lights up:

**DISC123 TRACK01**

- When the disc corresponds to CD-TEXT, or when the track titles have been registered, the track title will be displayed with scrolling.
- If the selected disc is being played on the other mechanism, blinking "DISC...BUSY!" is displayed and the disc will not be played.

For continuous playback
Press the CONTINUOUS PLAY key.

To pause playback

![Pause playback diagram]

- Each press pauses and plays the CD alternately.

To stop playback

![Stop playback diagram]


In regard to SUB OUT MONITOR

Press the SUB OUT MONITOR key to output the audio played on Mechanism-B from OUTPUT-A. Each press of the key switches this feature on and off alternately.

DISPLAY-A:

**SUB OUT MONITOR**

- This operation is not available during the continuous play mode.
Direct disc selection (Mechanism-A only)

1. Press the DISC SELECTOR key.
   - Within 8 seconds:

2. Input the disc number.
   - Within 8 seconds:

3. Start playback.

Press the numeric keys in the following order...
Disc No. 63: 5 3
Disc No. 100: 1 0 0

- If the selected disc is being played on Mechanism-B, blinking “DISCXXX BUSY” is displayed and the disc will not be played.

How to input numeric values

The input method for this product is of two different types. One can either use the traditional KENWOOD +10 key approach, or direct numeric input.

Special input method for CD player with 200-disc changer
To input 42: 4 2
To input 115: 1 1 5
To input 200: 2 0 0

Same input method as other KENWOOD products
To input 42: +10 +10 -10 +10 2
To input 115: +100 +10 5
To input 200: +100 +100

What is the “normal play TRACK mode”?

Playback is made from the first track. The normal playback mode is called TRACK mode. Press the CONFIRM key to confirm the present mode.

TRACK mode

- TRACK D120 T02
- PGM mode
- PGM01 D131 T02
- BEST SELECTION mode
- BEST01 D104 T03
- MUSIC TYPE mode
- M.TYPE Rhythm
- RANDOM mode
- ONE DISC RANDOM
- REPEAT mode
- REPEAT ON

To set the unit to the TRACK mode:

At the time of PGM mode: Press the MODE key.

At the time of BEST SELECTION mode: Press the $ key during playback.

At the time of MUSIC TYPE mode: Press the MODE key.

At the time of RANDOM mode: Select “RANDOM OFF”.

If it is Mechanism-B that is selected, use the main unit keys for these operations.
**Preparation**
- Load discs into the carousel.
- Select the Mechanism-A or Mechanism-B.

**Playback from desired track**

1. **Select the disc.**
   - **Select the disc number.**
     - Press the DISC SELECTOR and numeric keys in place of the DISC SKIP keys.
     - When the disc corresponds to CD-TEXT, or when the disc title has been registered, the disc title will be displayed with scrolling. Discs can be selected while looking at the registered contents.
   - **Set the input.**
   - Go to step 2 within 8 sec.

2. **Select the track number.**
   - **Input the track number.**
     - When the disc corresponds to CD-TEXT, or when the track titles have been registered, the track title will be displayed with scrolling. Tracks can be selected while looking at the registered contents.
   - **Set the input.**

**Display when disc No. 123 is selected**

- The disc number can be selected directly by using the DISC SELECTOR and numeric keys in place of the DISC SKIP keys.
- When the disc corresponds to CD-TEXT, or when the disc title has been registered, the disc title will be displayed with scrolling. Discs can be selected while looking at the registered contents.

**Registration of Title Name**
- Repeat step 1 when it is required to change the disc number.

**Press the numeric keys in the following order...**
- Track No. 6: 6
- Track No. 14: 1 4
- Track No. 23: 2 3

**Display when track No. 8 is selected**

- Playback starts.
- If the selected disc is being played on the other mechanism, blinking "DISCXXX BUSY!" is displayed and the disc will not be played.
- Repeat step 2 when it is required to change the track number.

**Skipping tracks**
- To skip backward: DOWN
- To skip forward: UP
- When the key is pressed once during playback, the track being played will be played from the beginning.

**Searching**
- Backward search: ←
- Forward search: →
- Playback starts from the position where the key is released.

- If it is Mechanism-B that is selected, use the main unit keys for these operations.
Displays scrolling

Some track titles contain so much text information that the full titles will not fit on the display. In cases like this, the letters on the display move from right to left so that the non-visible part of the title is revealed. This type of display movement is known as "scrolling display."

Display example:
- Scroll display
  D123 GOOD OLD F
  D123 FASHIONED

Time display

Each press of the DISPLAY key changes the displayed contents.

1. Select the Mechanism-A or Mechanism-B.

2. Press the DISPLAY key.

- The displays 1, 2, and 3 are shown in PGM mode, RANDOM mode, MUSIC TYPE mode, and BEST SELECTION mode.
- The displays 1, 2, and 3 are shown in stop mode.

Displaying all the text information (Mechanism-A only)

In the case of a CD-TEXT disc, the text information shown below is displayed automatically during normal play (TRACK mode).

Press the MODE key.

Select "ALL INFORMATION".

Set the input.

To jump to the next track or return to the previous track during display:

To jump to the next item or to return to the previous item during display:

Track title display (with CD-TEXT or when the track title has been registered)
- DISC NO., TRACK NO. display
- Elapsed time of track being played
- Remaining time of track being played
- Elapsed time of entire disc (T lights up)
- Remaining time on entire disc (T lights up)

- The displays 1, 2, and 3 are shown in PGM mode, RANDOM mode, MUSIC TYPE mode, and BEST SELECTION mode.
- The displays 1, 2, and 3 are shown in stop mode.

To end ALL INFORMATION during display

Press the MODE key.
Use the following procedure to select desired tracks (up to 32 tracks) from up to 200 discs and program them in the desired order.

**Preparation**
- Load discs into the carousel
- Set the Mechanism-A to stop mode

---

**1. Press so that the PGM indicator lights.**

**2. Select the disc.**
   - Select the disc number.
   - Set the input.
   - **Disc Skip**
   - Previous disc
   - Next disc
   - Within 8 seconds!

**3. Select the track number.**
   - Input the track number.
   - Set the input.
   - Within 8 seconds!

**4. Start playback.**

---

**Press the numeric keys in the following order...**
- Track No.8 : 8
- Track No.14 : 14
- Track No.20 : 20

---

**For continuous playback**
Press the CONTINUOUS PLAY key.
To check the programmed tracks

![Check programmed tracks](image)

- Each time the key is pressed, the program No. (P-NC) and the disc No. are displayed.
- The previous display resumes in a few seconds.

To add a track to the program

1. Set the CD player to stop mode.
2. Perform steps 2 and 3 of "Programming tracks in desired order". — 16.
3. When a track No. is entered, the track will be added to the end of the existing program.

To change a track in the program

1. Set the CD player to stop mode.
2. Press the CHECK key.
3. Perform steps 2 and 3 of "Programming tracks in desired order". — 16.
4. Press the CHECK key repeatedly until the track No. to be changed is displayed.
5. Press it while the "PGM01" indicator blinks.
6. The track being played cannot be changed.

To clear tracks from the program

To clear tracks from the end

![Clear track from the end](image)

- Each time the key is pressed, the last track in the program is cleared.
- The tracks which are programmed earlier than the track being played cannot be cleared.

To clear all tracks

![Clear all tracks](image)

- When the P.MODE key is pressed during playback, playback in order of tracks starts from the track being played.
Repeated playback (REPEAT mode)

Preparation
- Load discs into the carousel.
- Select the Mechanism-A or Mechanism-B.

To repeat only the desired tracks (Mechanism-A only)

1. Program the desired tracks by performing steps 1 to 3 of "Programming tracks in desired order". (Section 32)
2. Switch REPEAT ON.
3. Start playback.

- Up to 32 tracks can be programmed by repeating steps 1.
- The current status is displayed when the key is pressed once. When it is pressed while the status is displayed, the repeat ON status can be set to OFF (or vice versa).
- All of the programmed tracks will be repeated.
- If a track to be played is located in the disc played on Mechanism-B, that track will be skipped.
- In case only one track is programmed, only that track will be repeated.

To cancel repeated playback
Press the REPEAT key twice. (REPEAT ON → OFF)

To repeat one selected disc

1. Check that the Mechanism is in the normal play TRACK mode. (Section 33)
2. Select the disc number. (Section 34)
3. Start playback.
4. Switch REPEAT ON.

- The disc number can be selected directly by using the DISC SELECTOR and numeric keys in place of the DISC SKIP keys.
- If the selected disc is being played on the other mechanism, blinking "DISCXXX BUSY!" is displayed and the disc will not be played.

To cancel repeated playback
Press the REPEAT key twice. (REPEAT ON → OFF)

For random repetition
For music type repetition
For best selection repetition

If it is Mechanism-B that is selected, use the main unit keys for these operations.
Playback in a random order (RANDOM mode)

Use the following procedure to activate random playback which selects a track at random after every track. This feature may allow you to play CDs for long hours without getting tired of.

**Preparation**
- Load discs into the carousel.
- Select the Mechanism-A or Mechanism-B.

1. **Check that the Mechanism is in the normal play TRACK mode.**
2. **Select discs.**

   **To select one disc**
   - **Select the disc number.**
   - **Start playback.**
   - **Select "ONE DISC RANDOM".**

   ![Illustration of disc selection process]

   **To select all discs**
   - **Select "ALL DISC RANDOM".**

   ![Illustration of all disc selection process]

   **To select another track in the middle of playing one**
   - Pressing the → key once returns to the beginning of the track being played.

   ![Illustration of track selection process]

**To cancel random playback**
- Press the ■ key to stop playback.
- Normal playback will be performed when RANDOM OFF is selected.

**Note:**
- If Mechanism-B is selected, use the main unit keys for these operations.

---

**Additional Information**
- The disc number can be selected directly by using the DISC SELECTOR and numeric keys in place of the DISC SKIP keys.
- If the selected disc is being played on the other mechanism, blinking "DISCXXX BUSY!" is displayed and the disc will not be played.
- "ONE DISC RANDOM" cannot be selected during the continuous play mode.

Each press switches the modes as follows:
1. ONE DISC RANDOM
2. ALL DISC RANDOM
3. RANDOM OFF

The number here changes.

- Each time a track ends, the same operation as above is repeated, and the track selected next is played.
- Random play stops after all of the tunes have been played once.
- The random playback can also be repeated by pressing the REPEAT key.

**For continuous playback (ALL DISC RANDOM only)**
Press the CONTINUOUS PLAY key.

---

28.
Registration of Title Name

For discs not corresponding to CD-TEXT, a title name can be given to the disc (max. 25 characters). Up to 20 tracks titles can be registered per disc. Operation is possible also when the door panel is open. It is convenient to register titles while discs are being inserted.

Preparation
- Load discs into the carousel.
- Check that the Mechanism-A is in the normal play mode.
- Set the Mechanism-A to stop mode.

Assigning Title Names

1. Switch to title name input mode.
   - Press the MODE key.
   - Select "TITLE INPUT".

2. Enter the title names.
   - To enter the disc title:
     - Select the disc number.
     - Select a character.
     - Press until the character to be entered comes to the position of the flashing cursor.
     - Press the SET key.
     - Store the disc title.

   - When the MODE key is pressed during title name input mode, the input mode is cancelled.

   - To enter track titles without assigning the disc title, go to "To enter the track title".

   - The disc number can be selected directly by using the numeric keys in place of the DISC SKIP keys.
   - During playback, the disc only being played can be selected.

   - The characters also can be selected with the DISC SKIP knob on the main unit (provided that the OPERATION-A indicator is lit). Turn the knob until the character to be entered comes to the position of the flashing cursor.

For direct selection of characters
   - Each press switches the modes as follows:
     - When capital letters have been selected:
       - A-B-C-A
     - When small letters have been selected:
       - a-b-c-e-a
     - When numbers/symbols have been selected:
     - 1-2
   - To change the character type...

   - When the SET key is pressed, one character is set and the cursor goes to the next digit.
   - Repeat this to enter the title name.

   - One character is set and the cursor goes to the next digit.
   - Input the entire disc title by repeating 1 and 2 for each character.

   - To register the disc names of another disc, repeat the entire procedure of "To enter the disc title".
   - To register another track titles in the same disc, go to step 1-2 in "To enter the track title".
In regard to disc information reading

The entered title name is read in to the disc with the following timing:
* When the door panel is closed
* With closed door panel, when a name mode is cancelled (except during the continuous play mode).

DISPLAY-A: The display flashes

**DISC READING**

When there are discs for which the disc information already has been read in, there may be no display.

Do not move or exchange discs until the disc information has been read in.

---

To enter the track title

1. Select the track number.
   
   Select the disc number.
   
   ![Disc Skip Knob](image)

2. Select the track number.
   
   ![Character Search](image)
   
   Press until the character to be entered comes to the position of the flashing cursor.

3. Press the SET key.
   
   ![Set Key](image)

4. Select a character.
   
   ![Character Search](image)
   
   Press until the character to be entered comes to the position of the flashing cursor.

5. Press the SET key.
   
   ![Set Key](image)

   
   ![Enter Key](image)

---

1. The characters also can be selected with the DISC SKIP knob on the main unit (provided that the OPERATION-A indicator is lit). Turn the knob until the character to be entered comes to the position of the flashing cursor.

   ![Flashing Cursor](image)

   - One character is set and the cursor goes to the next digit.
   - Input the entire track title by repeating 5 and 6 for each character.

---

To exit title name mode

Press the MODE key.

---

1. For discs corresponding to CD-TEXT, a new title name cannot be registered.
2. As the entered title names and the CD-TEXT title information are memorized, the information may be displayed even when a disc has been removed.
To change or delete a title name

1 Perform steps 1 and 2-0 of "Assigning Title Names".

2 Change or delete characters one by one.

**Change**

1 Select overwrite or insert mode.

2 Move the cursor to the desired character (to be changed).

3 Select a character.

Press until the character to be entered comes to the position of the flashing cursor.

4 Set the selected character.

**Deletion**

1 Move the cursor to the desired character (to be deleted).

2 Press the DELETE key.

- Call the disc title or track title to be changed.
- Deletion mode is cancelled when the MODE key is pressed.

---

DISPLAY-A

- Move with the << >> keys

- If the title to be changed is too long to be displayed on the display section, press the << or >> key to scroll the display so that the characters hidden until then appear.

- The characters also can be selected with the DISC SKIP knob on the main unit (provided that the OPERATION-A indicator is lit). Turn the knob until the character to be entered comes to the position of the flashing cursor.

- When a title name is to be deleted, delete all characters one by one.
Registration of Title Name

3 Execute title change or deletion.

To exit title name mode
Press the MODE key.

To change the character type
The type of characters which can be entered is switched each time the CHARACTER key is pressed.

1: Small letters: a,b,c...xyz...
2: Capital letters: A,B,C...XYZ...
3: Numbers/symbols: 0123...789 space ! " # $ % & ' ( ) + , - . / : ; < = > ? @ ^ _ ` . . . .

To switch between insert and overwrite mode
Each press switches the modes as follows:
1 Insert mode: To insert characters before the cursor
2 Overwrite mode: To replace characters

To enter a space
Listening to music by genre (MUSIC TYPE mode)

Discs can be registered separately by 26 types of music genres.

**Preparation**
- Load discs into the carousel.
- Close the door panel.
- Check that the Mechanism-A is in the normal play TRACK mode.
- Set the Mechanism-A to stop mode.

Registration of music type files

1. **Activate the music type mode.**
   - Press the MODE key.
   - Select "MUSIC TYPE".
   - Set the input.
   - Set to registration mode.

2. **Select the desired disc.**
   - Select the disc number.
   - Set the input.

- When the MODE key is pressed during MUSIC TYPE mode, the MUSIC TYPE mode is cancelled.

Each press switches the modes as follows:
- MUSIC TYPE
- TITLE INPUT
- ALL DATA READ
- ALL INFORMATION
- DTS ANALOG MUTE

DISPLAY-A. The display flashes.

**MUSIC TYPE**

DISPLAY-A. The display flashes.

**MUSIC TYPE SET**

**SELECT DISC**

- The disc number can be selected directly by using the numeric keys in place of the DISC SKIP keys.
In regard to disc information reading
The entered music type is read in to the disc with the following timing.
- When that disc is played.
- When ALL DATA READ is executed.

Do not move or exchange discs until the disc information has been read in.

3 Select the music type.

1 Select the music type.
   ![Diagram of remote control and disc player]

2 Set the input.
   ![Diagram of remote control and disc player]

Each press switches the modes as follows:
Adult Contemporary → Alternative Rock → Children's Music →
Classical → Contemporary Christian → Country → Dance →
Easy Listening → Folk → Gospel → Hip Hop → Jazz → Latin →
Musical → New Age → Opera → Operetta → Pop Music → RAP →
Reggae → Rock Music → Rhythm & Blues → Sound Effects →
Sound Track → Spoken Word → World Music....

DISPLAY:
- When "Rock Music" is selected

[Rock Music]

- When the selected disc corresponds to CD-TEXT and contains a genre
code, that genre code is registered as the music type.
To confirm the genre code... - 10.
"Displaying all the text information" - 29.
- To register another music type file, repeat the procedure from step 2.

To quit MUSIC TYPE mode
Press the MODE key.

To delete the registered music type

1 Play the music type file.
2 Press the CLEAR key during playback of the disc to be deleted.

DISPLAY:
- D122 TYPE CLEAR
When music types have been registered for the discs, it is possible to enjoy playback of discs of the selected music type. Random playback for a selected music type also is possible.

**Preparation**
- Load discs into the carousel.
- Register music type files.
- Check that the Mechanism-A is in the normal play TRACK mode.
- Set the Mechanism-A to stop mode.

### Playing the music type file (Mechanism-A only)

**1 Activate the music type mode.**

1. Press the MODE key.
2. Select "MUSIC TYPE".
3. Set the input.

- When the MODE key is pressed during MUSIC TYPE mode, the MUSIC TYPE mode is cancelled.

Each press switches the modes as follows:
1. MUSIC TYPE
2. TITLE INPUT
3. ALL DATA READ
4. ALL INFORMATION
5. DTS ANALOG MUTE

DISPLAY A: The display flashes **MUSIC TYPE**

**2 Select the music type.**

- Press repeatedly until the desired music type is displayed.

DISPLAY A: When "Rock Music" is selected

**Rock Music**

**3 Start playback.**

- Playback is performed in increasing order of the disc numbers they were registered for the respective music type. Skipping to the next disc is done when the key is pressed.
- If the disc to be played is being played in Mechanism-B, the disc will be skipped.
- Each time the CHECK key is pressed, the registered disc numbers are displayed in increasing order of the disc numbers.
- When the REPEAT key is pressed, playback of the music type file will be repeated.

For random playback
Press the RANDOM key.
- Select "RANDOM OFF" to quit random playback.

For continuous playback
Press the CONTINUOUS PLAY key.

To quit MUSIC TYPE mode
Press the MODE key.

DISPLAY A

**M. TYPE MODE OFF**
Continuous playback

With this feature, the time required for disc change can be minimized so even different discs can be played naturally and almost continuously. The same audio signal is output at both OUTPUT-A and OUTPUT-B.

**Preparation**
- Load discs into the carousel.
- Close the door panel.
- Set the Mechanism-B to stop mode.

---

**DISPLAY-B**

**CONTINUOUS PLAY**

- The OPERATION A-B key is set to A during continuous play mode.
- When the door panel is opened, the continuous play mode is released and playback also stops.

**To quit continuous play mode**

Press the CONTINUOUS PLAY key.

---

For continuous playback in normal play mode  

For continuous playback in PGM mode  

For continuous playback in ALL DISC RANDOM mode  

For continuous playback in MUSIC TYPE mode  

For continuous playback in BEST SELECTION mode
Registration of DTS discs

Use the following procedure before playing the DTS disc.

**Preparation**
- Load DTS discs into the carousel.
- Check that the Mechanism A is in the normal play TRACK mode.

1. **Activate the DTS ANALOG MUTE mode.**
   - Press the MODE key.
   - Select "DTS ANALOG MUTE".

2. **Select "MUTE ON".**
   - Press the MODE key.
   - Select the DTS disc.

3. **Select the DTS disc.**
   - Select the disc number.

**To delete the DTS registration**
Use the following procedure before moving or changing a DTS disc, and register the disc again.

1. Perform steps 1 of "Registration of DTS discs".
2. Select "MUTE OFF".
3. Select the DTS disc to be deleted.

Each time the MODE key is pressed during DTS ANALOG MUTE mode, the DTS ANALOG MUTE mode is cancelled.

Each press switches the modes as follows:
- MUTE ON
- MUTE OFF

Display: The display flashes.
**SELECT DISC**

- The disc number can be selected directly by using the numeric keys in place of the DISC SKIP keys.
- To register another DTS disc, repeat the procedure from step 2.

**To quit DTS ANALOG MUTE mode**
Press the MODE key.

When a DTS disc is played, the audio signal is not output at the analog output jacks.