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.
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
- China and Russia: AC 220 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 a power point, then obtain an appropriate safety approved extension lead or adapter, or consult your dealer. If none of these 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 those leads to the earth terminal of a three-pin plug.

Safety precautions

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

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.

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-track CD TEXT
- Title registrable
- Programmed play
- Filing functions

Contents

- Before applying power
- Safety precautions
- Important items
- System connections
- Controls and indication
- Preparation
- Loading discs in
- In regard to ALL
- Normal play
- Track skipping
- Searching
- Displays
- Programming tracks
- To check the program
- To add a track to
- To change a track
- To clear tracks for
- Repeated playback
- To repeat only the
- To repeat one se
Special features

CD player with 200-disc changer

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

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

Title registrable

In case of a disc not corresponding to CD-TEXT, you can register a disc title or other information.

Disc search is possible by specifying the initial letter of the desired disc title.

Programmed playback

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

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 26 music genres.

8 user files: Discs can be registered in up to 8 user files.

Best selection: Only favorite tracks can be registered and played.

Contents

Before applying power .................................................. 2
Safety precautions .................................................. 2
Special features .................................................. 3
Important items .................................................. 5
System connections .................................................. 6
Connection to digital amplifier or MD ..................... 7
Connection to a general-use amplifier ................. 7
Controls and indicators ............................................. 8
Preparation .......................................................... 10
Loading discs in the carousel .................................. 10
In regard to ALL DATA READ mode ..................... 11
Normal play (track mode) ........................................ 12
Playing tracks in order from track No.1 .............. 12
Playback from desired track ................................ 14
Skipping tracks .................................................... 14
Searching .............................................................. 14
Displays ................................................................. 15
Programming tracks in desired order (PGM mode) .... 16
To check the programmed tracks ....................... 17
To add a track to the program ......................... 17
To change a track in the program ..................... 17
To clear tracks from the program .................... 17
Repeated playback (REPEAT mode) ......................... 18
To repeat only the desired tracks .................... 18
To repeat one selected disc .................................. 18

Playback in a random order (RANDOM mode) ....... 19
To select another track in the middle of playing one .............................................. 19
To cancel random playback .................................... 19
Registration of Title ................................................. 20
Assigning Title (TITLE INPUT mode) .................... 20
To change the character type ............................. 21
To change or delete a title ................................. 22
Listening to music by genre (MUSIC TYPE mode) .......... 23
Registration of music type (MUSIC TYPE SET mode) .............................................. 23
Creation of user’s disc file (USER FILE SET mode) .............................................. 24
To clear the music type or user file registered for a disc: .............................................. 24
Playing the music type or user file ..................... 24
(MUSIC TYPE PLAY mode) ..................................... 25
Disc search (DISC SEARCH mode) ......................... 26
Searching a disc by the disc title ....................... 26
Searching the music type or user file ................ 27
Listening to your favorite titles ......................... 29
(BEST SELECTION mode) ........................................ 29
Registration of best selection file ...................... 29
Playing the best selection file ......................... 29
To delete the registered best selection .............. 29
Time operation ......................................................... 30
In case of difficulty .................................................. 31
Specifications .......................................................... 32

Caution: Read the pages marked , carefully to assure safe operation.
**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>Audio cord</th>
<th>System control cord</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Audio cord" /></td>
<td><img src="image2" alt="System control cord" /></td>
</tr>
</tbody>
</table>

---

**Disc handling precautions**

- Label properly.
- Store vertically.
- Use sticky pads.

---

**Maintenance of the unit**

- When the front panel or cloth, do not use thinner, cause discoloration.

---

**Caution on condensation**

Condensation (dew) will occur in the case of a great difference in temperature. This unit may not function properly. In this case, leave the unit for at least 2 hours in a normal room temperature, then restart the operation after.

Be specially cautious in circumstances where this unit is installed indoors and exposed to great differences in temperature.

---

**Memory backup**

Stored contents for at least 3 weeks after power plug is unplugged from the AC outlet.
Disc handling precautions

Handling
Hold the disc so that you do not touch the playing surface.

Label side
Playing side

Sticker

Do not attach paper or tape to either the playing side or the label side of the disc.

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

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

Discs which can be played with this unit
CD (12 cm), and the audio part of CDV, CD-G, CD-EG and CD-EXTRA. Use discs that comply with the IEC standard, for example a disc carrying the IEC marking on the label surface.

- An 8 cm CD cannot be played back.

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.

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

Maintenance of the unit
When the front panel or case becomes dirty, wipe with a soft, dry cloth. Do not use thinner, benzine, alcohol, etc. for these agents may cause discoloration.

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

Caution on condensation
Condensation (of dew) 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 carried from a place to another across a large difference in temperature, when the humidity in the room where this unit is installed increases, etc.

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 registration contents, Music type registration contents, User file registration contents, Best selection registration contents

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.

NO DISC

3. Wait a few seconds, then disconnect the power plug.
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.

Malfunction of microcomputer
If operation is not possible or erroneous display appears even though all connections have been made properly, reset the microcomputer referring to "In case of difficulty".

Connection to digital
Connect the DIGITAL OUT terminal of the amplifier, DAT, etc. to the DIGITAL INPUT (COAXIAL) terminal of the DIGITAL amplifier or receiver, etc.

Connection to a group unit
Use the provided audio cord to connect the unit to the CD input jack of the amplifier, DAT, etc.

SYSTEM CONTROL
Connecting system components
To control the system, select "SL Mode" or "ES Mode" for SL 16/20 switch.
This unit is compatible with ES system. Select the mode according to your system.

DTS Disclaimer clause
When playing DTS-encoded CDs, excessive noise will be exhibited from the analog stereo outputs. To avoid possible damage to the audio system, the consumer should take proper precautions when the analog stereo outputs of the CD player is connected to an amplification system. 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.

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

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

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.

(XSB) Mode : lets you combine XSB, XG, and XSB terminals
(SL16) Mode : for SL16 terminals only

This unit is compatible with both (XSB) and (SL16) modes. Select the mode according to the connected components.

SL16 XSB

- 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 unit.
3. Be sure the system control plugs are inserted all the way into 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 CDRS operation enables great recordings from CDs.

See the operating instructions supplied with your cassette deck for details.
POWER key/STANDBY indicator

TIMER PLAY switch
Used for timer play ON/OFF.

Door panel

RANDOM key
Press to start random playback.

BEST SELECTION key
Used for best selection registration and playback.

DISC SKIP knob
Used for disc selection. Characters are selected at the time of title registration.

CONFIRM key
The present playback mode is displayed.

REPEAT key
Press to start repeated playback.

DISPLAY key
Switching between title display and time display.

P.MODE/CHARAC. key
Used for playback mode switching. At the time of title registration, this key switches between capital letters/small letters/numbers and special characters.

Play/Pause key (▶ ■)

Stop key (■)

MODE key
Press to switch the mode.

SET key
Used for confirmation of mode settings. At the time of title registration, one character is confirmed and the cursor goes to the next digit.

ENTER key
Used for title name confirmation.

CHECK/SPACE key
Used to confirm the entered contents. Inserts a space at the time of title registration.

CLEAR/DELETE key
Used to delete the entered contents. At the time of title registration, characters are deleted.

Search keys (◄, ►)
Press to move the played position of disc at high speed. Used as cursor keys at the time of title registration.

Skip keys (◄◄, ►►)
Press to skip to the beginning of another track. Characters are selected at the time of title registration.

Standby mode
While the standby indicator of the unit is lit, a small amount of current is flowing into the unit's internal circuitry to backup the memory. This condition is referred to as the standby mode of the unit.
Loading discs in the carousel

1. Switch power ON.
   Press the POWER key.

2. Open the door panel toward the front.
   Press 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 steps 1 and 2 to insert discs.

4. Close the door panel.

In regard to ALL

The disc information for execute this mode before.
Close the door panel before.

1. Press the M.

2. Select "ALL".

3. Set the input.

   1. Please refer.
   2. If blinking.

   "Registration of Title"
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, music type, etc., the disc information can be recalled even when the disc insertion place is changed.

4. Close the door panel.

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

The display flashes:

DISC READING

In regard to ALL DATA READ mode

The disc information for all discs will be read. We recommend 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.

Sequential switching

- MUSIC TYPE
- DISC SEARCH
- TITLE INPUT
- ALL DATA READ
- ALL INFORMATION

ALL DATA READ

Search in progress or reading information

The display flashes.

DISC READING

When the disc is CD-TEXT

D001: CD TEXT

- Repeat the above procedure so that the complete disc information is read into the CD player.
- In the case of a non-CD-TEXT disc, the “D001: NO CD TEXT” display will appear for approx. 3 seconds.

To quit ALL DATA READ mode

Press the KEY.
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.

- 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 by the disc title.

- Registration of Title:

Display when disc No. 123 is selected

[Display showing D123]

Go to step 2 within 8 sec.

2 Start playback.

- In the case of a CD-TEXT disc, the track title is displayed.

[Display showing DISC123 TRACK01]

How to input numbers

When this unit is used with the system control system remote control, as this unit requires different input methods, this method must be used to input numbers.
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.

To set the unit to the TRACK mode:
At the time of PGM mode: Press the PMODE 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".

How to input numeric values
When this unit and the amplifier or the receiver are connected with the system control cord, this unit can be controlled with the system remote control unit of the amplifier or the receiver. As this unit requires input of large numeric values, it adopts a different input method from other KENWOOD products. However, the method used with other KENWOOD products can also be used to input numeric values in this unit.

Special input method for CD player with 200-disc changer
To input 42: ▼ 10 12
To input 119: ▼ 10 10 10 12 12
To input 200: ▼ 10 10 10 10 10 10

Same input method as other KENWOOD products
To input 42: ▼ 10 10 10 10 10
To input 119: ▼ 10 10 10 10 10 10
To input 200: ▼ 10 10 10 10 10 10
Playback from desired track

1 Select the disc.
   ① Select the disc number.
   ② Set the input.

2 Select the track number.
   ① Select the track number.
   ② Set the input.

Skipping tracks
   - When the key is pressed once during playback, the track being played will be played from the beginning.

Searching
   - Playback starts from the position where the key is released.
Displays scrolling
Some track titles contain too 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 of display."
Display example: Scroll display
D123 GOOD OLD FASHIONED
D123 FASHIONED

Time display
Each press of the DISPLAY key changes the displayed contents.

Displaying all the text information
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 to return to the previous track during display:

To jump to the next item or to return to the previous item during display:
Use the following procedure to select desired tracks (up to 32 tracks) from different discs and program them in the desired order.

**Preparation**
- Load disc in the carousel.
- Set the CD player to stop mode.

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

2. **Select the disc.**
   - Select the disc number.
     - Within 8 seconds!
     - Set the input.
     - Go to step 3 within 8 sec.

3. **Select the track number.**
   - Select the track number.
     - To another track No.
     - To larger track No.
     - Set the input.

4. **Start playback.**

**To check the program**
- Set the CD player to playback.
- Press the CHUP/DOWN key.

**To add a track to the program**
- Set the CD player to playback.
- Press the CLEAR key and enter the disc No. from the beginning.

**To change a track in the program**
- Set the CD player to playback.
- Press the CHUP/DOWN key.

**To clear tracks from the program**
- Each time the key is pressed, the last track will be cleared.
- The tracks which are programmed cannot be cleared.

- 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 by the disc title.

- If you make a mistake, press the CLEAR key and enter the disc No. from the beginning.

- To program the entire disc, press the SET key without inputting the track number. “ALL” will be displayed.
- Program other tracks in the desired order by repeating steps 3 and 4.
- Up to 32 tracks can be programmed. “FULL” is displayed when no more tracks can be programmed.
- If you make a mistake, press the CLEAR key and restart from step 3.

- Tracks will be played in the order they are programmed.
- When the NEXT or PREV key is pressed during playback, the track will be skipped in the direction of the pressed button.
To check the programmed tracks

- Each time the key is pressed, the program No. 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 3 and 4 of "Programming tracks in desired order".

- 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 3 and 4 of "Programming tracks in desired order".

- Press the CHECK key repeatedly until the program No. to be changed is displayed.
- Press it while the "PGM01" indicator blinks.
- The track being played cannot be changed.

To clear tracks from the program

To clear tracks from the end

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

To clear all tracks

- When the P.MODE key is pressed during playback, playback in order of tracks starts from the track being played.
To repeat only the desired tracks

1. Program the desired tracks by performing steps 3 to 6 of "Programming tracks in desired order."  
2. Switch REPEAT ON.
3. Start playback.
   - Up to 32 tracks can be programmed by repeating steps 6.
   - 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.
   - 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 unit is in the normal play TRACK mode.
2. Select the disc number.
3. Within 8 seconds
4. Start playback.
5. Switch REPEAT ON.

To select one disc
1. Select the disc.
   - Previous disc
   - Next disc

To select all discs
Select "ALL DISCS"

To select another
- Pressing the key of the disc which you do not wish to play.

For random repetition
For music type or user file repetition
For best selection repetition
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 disc in the carousel.

---

**1. Check that the unit is in the normal play TRACK mode.**

**2. Select discs.**

**To select one disc**
1. Select the disc number.

![Select disc number diagram]

- Start playback.
- Select "ONE DISC RANDOM".

Each press switches the modes as follows:

1. ONE DISC RANDOM
2. ALL DISC RANDOM
3. RANDOM OFF

---

**To select all discs**

Select "ALL DISC RANDOM".

---

**To select another track in the middle of playing one**

- Pressing the [ ] key once returns to the beginning of the track being played.

---

**To cancel random playback**

- Press the [ ] key to stop playback.
- Normal playback will be performed when RANDOM OFF is selected.

---

**For random music type or random user file**

---
Assigning Title (TITLE INPUT mode)

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

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

- When the MODE key is pressed during title input mode, the input mode is cancelled.
- During playback, the disc only being played can be selected.

1. For discs corresponding to CD-TEXT, a new title cannot be registered.
2. As the entered title and the CD-TEXT title information are memorized, the information may be displayed even when a disc has been removed.
In regard to disc information reading

The entered title is read in to the disc with the following timing.
- When the disc panel is closed.
- With closed door panel, when title input mode is cancelled.
  The display flashes.

[Title Info 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.

3 Enter the disc title.

Select a character.

Turn so that the character to be entered comes to the
position of the flashing cursor.

Press the SET key.

4 Store the disc title.

[TITLE STORE!!]

- To register the disc name of another disc, repeat the entire procedure
  from step 3 for it.

To quit title input mode

Press the MODE key.

To change the character type

The type of characters which can be entered is switched
each time the CHARAC. key is pressed.
To change or delete a title

1 Perform steps 1 and 2 of “Assigning Title”.

2 Change or delete characters one by one.

- Move the cursor to the desired character (to be changed).
- Select a character.
- Press the DELETE key.
- Delete the unnecessary character. (See “Deletion”.)

- Turn so that the character to be entered comes to the position of the flashing cursor.

Television display

SONEBODY T<2ABC

- 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.

Television display

SONEBODY T<EMKO

Flash cursor

3 Execute title change or deletion.

To enter a space

- When a title is to be deleted, delete all characters one by one.

To quit title input mode

Press the MODE key.
Discs can be registered separately by 26 types of music genres.

**Preparation**
- Load discs in the carousel.
- Close the door panel.
- Set the CD player to stop mode.
- Check that the unit is in the normal play TRACK mode.

In regard to disc information reading
The entered music type is read in to the disc with the following timing.

- When this disc is played.
- When ALL DATA READ is executed.

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

**Registration of music type (MUSIC TYPE SET mode)**

1. **Activate the music type set mode.**
   - Press the MODE key.
   - Select “MUSIC TYPE”.
   - Select “MUSIC TYPE SET”.

2. **Select the music type.**
   - Select the music type.

3. **Select the desired disc.**
   - Select the desired disc.

Sequential switching:
- When the MODE key is pressed during MUSIC TYPE SET mode, the MUSIC TYPE SET mode is cancelled.

Sequential switching:

When “Rock Music” is selected:
- When the selected disc corresponds to CONTEXT and contains a genre code, that genre code is registered as the music type.

To confirm the genre code...
- "Displaying all the text information"

To quit MUSIC TYPE SET mode
- Press the MODE key.
Creation of user’s disc file (USER FILE SET mode)

Eight user files are available for registering desired discs. This makes the user possible to create files registering the discs of a favorite artist(s) or the user’s favorite discs.

1 Activate the user file set mode.

- Press the MODE key.

2 Select the desired user file.

- Select "MUSIC TYPE".

3 Select the desired disc.

- Select "USER FILE SET".

Sequential switching:
1. MUSIC TYPE
2. DISC SEARCH
3. TITLE INPUT
4. ALL DATA READ
5. ALL INFORMATION

The display flashes:
MUSIC TYPE

The display flashes:
USER FILE SET

Sequential switching:
USER FILE 1 → USER FILE 2 → USER FILE 3 → USER FILE 4 → USER FILE 5 → USER FILE 6 → USER FILE 7 → USER FILE 8...

To clear the music type or user file registered for a disc

- Play the music type or user file.
- Press the CLEAR key during playback of the disc to be deleted.

D122 TYPE CLEAR
When music types or user files have been registered for the discs, it is possible to enjoy playback of discs of the selected music type or user file. Random playback for a selected music type or user file is also possible.

### Preparation
- Load discs in the carousel.
- Close the door panel.
- Register music type or user file.
- Check that the unit is in the normal play TRACK mode.
- Set the CD player to stop mode.

---

## Playing the music type or user file (MUSIC TYPE PLAY mode)

### 1. Activate the music type play mode.

- **Press the MODE key.**

- **Select "MUSIC TYPE".**

- **Select "MUSIC TYPE PLAY".**

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

### Sequential switching:
- **MUSIC TYPE**
- **DISC SEARCH**
- **TITLE INPUT**
- **ALL DATA READ**
- **ALL INFORMATION**

The display flashes:
- **MUSIC TYPE**

The display flashes:
- **MUSIC TYPE PLAY**

---

### 2. Select the music type or user file.

- When "USER FILE 1" is selected:

### 3. Start playback.

- Playback is performed in increasing order of the disc numbers they were registered for the respective music type or user file. Stopping to the next disc is done when the single key is pressed.
- Each time the check key is pressed, the registered disc numbers are displayed in increasing order of the disc numbers.

#### For repeated playback
Press the REPEAT key to select "REPEAT ON".

#### For random playback
Press the RANDOM key.

- Select "RANDOM OFF" to quit random playback.

#### To quit MUSIC TYPE PLAY mode
Press the MODE key.

- **M.TYPE MODE OFF**
### Searching a disc by the disc title

By inputting the initial letter of the desired disc title, discs which have the disc titles beginning with that character can be searched in sequence.

**1 Activate the disc search mode.**

1. Press the MODE key.
2. Select "DISC SEARCH".
3. Select "CHARAC. SEARCH".

**Sequential switching:**

1. MUSIC TYPE
2. DISC SEARCH
3. TITLE INPUT
4. ALL DATA READ
5. ALL INFORMATION

The display flashes.

![DISC SEARCH](image)

The display flashes.

![CHARAC. SEARCH](image)

**2 Input the initial letter of the disc title to be searched.**

Turn the knob to select the character.

![SEARCH](image)

When initial letter "A" is selected.

To search the next disc

To play the searched disc
Searching the music type or user file

The discs registered in the specified music type or specified user file can be searched in sequence.

1. **Activate the disc search mode.**
   - Press the MODE key.
   - Select “DISC SEARCH”.
   - Select “M. TYPE SEARCH”.

2. **Select the music type or user file to be searched.**

To search the next disc
To play the searched disc
You can select only your favorite titles and register them as the best selection. Use the following procedure to register favorite tracks in the best selection file while playing a CD.

### Registration of best selection file

1. **Play the track to be registered.**
   - Only the track being played can be registered.

2. **Register it in the best selection file.**

3. **Register other favorite tracks by performing steps 1 and 2 for each of them.**
   - Up to 32 tracks can be registered. "FULL" is displayed when no more disc is acceptable.

### Playing the best selection file

1. **Check that the unit is in the normal play TRACK mode, and set the unit to stop mode.**

2. **Press the BEST SELECTION key.**
   - The tracks are played in the order they are registered.
   - Each time the CHECK key is pressed, the disc numbers and track numbers are displayed in the order they are registered.
   - **For repeated playback**
     - Press the REPEAT key to select "REPEAT ON".
   - **To quit BEST SELECTION mode**
     - Press the B key during playback.
     - The recorded contents remain stored even when best selection mode is quit.

### To delete the registered best selection

This is done during best selection mode.

- **Play the track to be cleared.**
- **Press the CLEAR key.**

```
BEST01 D104 T03
```

---

**CD-305SM (EH)**

As this unit incorporates a memory, the available audio time is set.

1. **Set the power supply to the unit.**

2. **Select the disc.**
   - Select the disc to be played.
   - Previous

3. **Set the listener.**
   - Adjust the volume.
   - Stop playback.

4. **Set the time.**

5. **Set the TIMER.**
As this unit incorporates the timer standby function, playback can be started at desired moment if a commercially available audio timer is combined with this unit.

Preparation

- Load disc in the carousel.
- Close the door panel.
- Connect the system components so that their power can be switched on by the timer.
- Read the instruction manual of the timer carefully.

1. Set the power switches of the system components to the ON positions.

2. Select the disc to be played.
   - Select the disc number.

3. Set the listening volume.
   - Adjust the volume on the amplifier or receiver.
   - Stop playback.

4. Set the timer for the desired ON time.

5. Set the TIMER PLAY switch to ON.
   - When the set time comes, playback will start automatically.
   - The playback mode will be TRACK mode.
### Operation to reset

The microcomputer may malfunction (impossibility to operate, erroneous display, etc.) when the connection cords are unplugged while power is ON or due to an external factor. In this case, execute the following method to reset the microcomputer and return it to normal condition.

Unplug the power cord from the power socket and plug the power cord into the socket again.

### To reset the registered contents

The registered contents for title, music type, user file and best selection can be reset by the following procedure.

Unplug the power cord from the power socket, and while holding the # key depressed, plug the power cord into the socket again.

<table>
<thead>
<tr>
<th>No power is applied with the POWER key ON.</th>
<th>Disc is loaded, player does not play.</th>
<th>No sound.</th>
<th>Music is interrupted. (Sound is skipped.)</th>
<th>Disc selection is not possible.</th>
<th>Disc begins to play when power is switched ON.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Power plug is loosely connected.</td>
<td>• Power plug is connected to the switched AC outlet of an amplifier, the power of the amplifier is turned off.</td>
<td>• Insert disc properly.</td>
<td>• Disc is loose.</td>
<td>• Disc is loose.</td>
<td>• The TIMER PLAY switch is set to ON.</td>
</tr>
<tr>
<td>• With the power plug connected to the switched AC outlet of an amplifier, the power of the amplifier is turned off.</td>
<td>• Disc is dirty.</td>
<td>• Wipe the dust on the surface of the disc referring to “Disc handling precautions”.</td>
<td>• Disc is cracked.</td>
<td>• Play mode is not entered. (The play indicator is not lit.)</td>
<td>• Load a disc and press the # key.</td>
</tr>
<tr>
<td>• Condensation occurred on the optical lens unit.</td>
<td>• Disc is cracked.</td>
<td>• Replace the disc with a new one.</td>
<td>• The connection cords are inserted loosely.</td>
<td>• Disc is too dirty.</td>
<td>• Press the # key.</td>
</tr>
<tr>
<td></td>
<td>• Wipe the condensation off.</td>
<td>• Replace the disc with a new one.</td>
<td>• Wipe the disc surface referring to “Disc handling precautions”.</td>
<td>• Disc is cracked.</td>
<td>• Wipe the dust on the disc surface referring to “Disc handling precautions”.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Replace the disc with a new one.</td>
<td>• Oscillation is applied to this unit.</td>
<td>• Disc is cracked.</td>
<td>• Try selecting a place where no strong vibrations occur by changing the installation place, etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Connect all connection cords firmly.</td>
<td></td>
<td>• MUSIC TYPE PLAY mode is selected.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Press the MODE key to quit MUSIC TYPE PLAY mode.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>System</td>
<td>Compact disc digital audio system</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laser</td>
<td>Semiconductor laser</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**D/A Converters**

<table>
<thead>
<tr>
<th>D/A Conversion</th>
<th>1 Bit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oversampling</td>
<td>0 ts (352.8 kHz)</td>
</tr>
</tbody>
</table>

**Audio**

<table>
<thead>
<tr>
<th>Frequency response</th>
<th>4 Hz - 20 kHz ± 0.5 dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal to noise ratio</td>
<td>More than 98 dB</td>
</tr>
<tr>
<td>Dynamic range</td>
<td>More than 96 dB</td>
</tr>
<tr>
<td>Total harmonic distortion + noise</td>
<td>Less than 0.004% (at 1 kHz)</td>
</tr>
<tr>
<td>Channel separation</td>
<td>More than 92 dB (at 1 kHz)</td>
</tr>
<tr>
<td>Wow &amp; Flutter</td>
<td>Unmeasurable Limit</td>
</tr>
<tr>
<td>Output level/impedance</td>
<td>2.0 V (1 kΩ)</td>
</tr>
<tr>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital output</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.5 Vp-p/75Ω</td>
</tr>
</tbody>
</table>

**General**

<table>
<thead>
<tr>
<th>Power consumption</th>
<th>10 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>W : 446 mm (17-5/16&quot;)</td>
</tr>
<tr>
<td></td>
<td>H : 173 mm (6-13/16&quot;)</td>
</tr>
<tr>
<td></td>
<td>D : 479 mm (18-7/8&quot;)</td>
</tr>
<tr>
<td>Weight (Net)</td>
<td>7.3 kg (16.1 lb)</td>
</tr>
</tbody>
</table>

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

---

**FCC WARNING**

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

---

**CAUTION:**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

---

**KENWOOD CORPORATION**

2267-2, ISHIKARI-CHO, HACHIOJI-SHI,

TOYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT CONFORMS TO DHHS REGULATIONS NO. 21 CFR 1040.10,

CHAPTER 1, SUBCHAPTER J.

Location: Back Panel

---

**For your records**

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model__________________ Serial Number______