

marantz®

Model CD-17 User Guide

Compact Disc Player

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

COMPACT
disc
DIGITAL AUDIO

ENGLISH

WARRANTY

For warranty information, contact your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT

Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes of when corresponding with Marantz.

IMPORTANT

When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY

This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE

Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT

L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sûr pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT

Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituant des preuves suffisantes.

DEUTSCH

GRANTIE

Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTUNG GUT AUF

Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf. Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungszwecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

WICHTIG!

Bei Garantieforderungen muß der Kunde eine Kaufunterlage mit Kaufdatum vorlegen. Ihre Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GRANTIE

Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz handelaar te wenden.

UW KWITANTIE, KASSABON E.D. BEWAREN

Uw Kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt. verwijzing bijv. in verband met verzekering of bij correspondentie met Marantz.

BELANGRIJK

Bij een evt. beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur zijn voldoende bewijzen.

ITALIANO

CONDIZIONI DI GARANZIA

L'apparecchio è garantito per 365 giorni dalla data di acquisto comprovata da un documento attestante il nominativo del rivenditore e la data di vendita. La garanzia sarà prestata con la sostituzione o riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non passano riferirsi a difetti di funzionamento dell'apparecchio.

Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza. Le spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilità per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale.

Per informazioni sull'abbonamento al servizio Assistenza postgaranzia e per conoscere l'indirizzo dei Centri Assistenza Marantz rivolgetevi al nostro servizio consumatori (telefono 1678-20026 - numero verde).

PORTUGUÊS

GARANTIA

Para informações sobre a garantia, contactar o distribuidor Marantz local.

GUARDAR O RECIBO DE COMPRA

O recibo é o registo permanente da compra que fez. Deve ser guardado num local seguro, para ser apresentado em questões relacionadas com o seguro ou para quando tiver de contactar a Marantz.

IMPORTANTE

Quando procurar assistência técnica ao abrigo da garantia, é da responsabilidade do consumidor estabelecer a prova e data de compra. O recibo é prova adequada.

ESPAÑOL

GARANTIA

Para información sobre las Condiciones de Garantía, sírvase consultar el Certificado que encontrará en el interior del embalaje del equipo.

CONSERVE EL COMPROBANTE DE LA COMPRA

La factura es el comprobante de la adquisición de un producto valioso. Consérvela en lugar seguro para poder consultarla en caso necesario.

IMPORTANTE

Para disponer de servicios cubiertos por la garantía, el usuario deberá acreditar la fecha y el lugar de adquisición del equipo. La factura o recibo de la compra constituyen un comprobante válido a tal efecto.

SVENSKA

GARANTI

För information om garantin, kontakta Marantz lokagent.

SPAR KVITTOT

Kvittot är inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vid korrespondens med Marantz.

VIKTIGT

För att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet.

Kvitto eller faktura är tillräckligt bevis för detta.

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ENGLISH:

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

FINNISH:

VAROITUS! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

SWEDISH:

VARNING! Om apparaten används på annat sätt än vad som beskrivs i denna bruksanvisning kan användaren utsättas för osynlig laserstrålning som överskrider gränsen för laserklass 1.

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FOREWORD

This section must be read carefully before any connection is made to the mains supply.

WARNINGS

- Do not expose the equipment to rain or moisture.
- Do not remove the cover from the equipment.
- Do not insert anything into the equipment through the ventilation holes.
- Do not handle the mains lead with wet hands.

CE marking (only/02 version)



This product is in conformity with the EMC directive and low-voltage directive.

EQUIPMENT MAINS WORKING SETTING

Your Marantz product complies with the household power and safety requirements in your area.

"/02" Version product can be powered by 230 V AC only.

There is a voltage selector (2-position) on the rear panel of the "/01" and "K" Version product. Be sure to set the voltage selector to the mains voltage of your area before using the unit.

IMPORTANT:

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

NOTE: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

HOW TO CONNECT A PLUG

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

BLUE—"NEUTRAL" ("N")

BROWN—"LIVE" ("L")

1. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
2. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter "E" or by the safety earth symbol  or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead — not simply over the two wires.

COPYRIGHT

Recording and playback of some material may require permission. For further information refer to the following:

- Copyright Act 1956
- Dramatic and Musical Performers Act 1958
- Performers Protection Acts 1963, and 1972
- Any subsequent statutory enactments and orders

ABOUT THIS USER'S GUIDE

Refer to the figures on the pages at the back of this user's guide. The callout numbers on the figures correspond to those found in the text.

- Some of the operations described in this user's guide can only be operated from the remote control unit. In the description of controls, the names of the buttons which are available on both the main unit and the remote control unit are enclosed in , and the names of the buttons which are available only on the remote control unit are enclosed in .

PRECAUTIONS

The following precautions should be taken when operating the equipment.

GENERAL PRECAUTIONS

When installing the equipment ensure that:

- the ventilation holes are not covered.
- air is allowed to circulate freely around the equipment.
- it is placed on a vibration-free surface.
- it will not be exposed to excessive heat, cold, moisture or dust.
- it will not be exposed to direct sunlight.
- it will not be exposed to electrostatic discharges.

In addition, never place heavy objects on the equipment.

If a foreign object or water does enter the equipment, contact your nearest dealer or service center.

Do not pull out the plug by pulling on the mains lead; grasp the plug.

It is advisable when leaving the house, or during a thunderstorm, to disconnect the equipment from the mains supply.

COMPACT DISCS

The glossy side shining like a rainbow is the front side of the disc, and the side on which the label is printed is the back.

Unlike conventional turntables for playing analog discs, the CD-17 Compact Disc Player reads the information recorded on the disc from underneath without contacting it using a beam of laser light. Therefore, the performance of a compact disc will not degrade like conventional analog records.

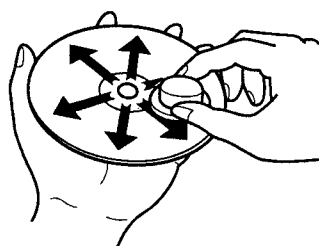
Handle discs carefully so as not to damage or scratch the front side.

To protect the disc, avoid placing it in the following locations:

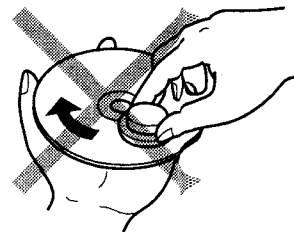
- In direct sunlight or near a source of heat like a heater.
- In a place which is damp or dirty.
- In a place which could be exposed to rain, such as near a window.

Always keep the disc surface clean.

Up to six billion data units are recorded on the front side of the disc. When cleaning the disc surface, always be sure to use a special compact disc cleaner and wipe as shown below.



Wipe in a radial direction.



Do not wipe in circumferential direction.

- Do not use conventional record cleaner for analog records, as this will adversely affect the disc surface.

Store discs properly by placing them in their disc cases.

CONTROLS, CONNECTIONS AND INDICATORS

(A) ANALOG OUTPUT jacks

Connect to the CD or AUX input jacks of a preamplifier.

(B) DIGITAL OUTPUT COAXIAL output jack

By connecting this jack to a digital audio component (D/A converter, digital sound processor, etc.), digital signals from compact discs can be transmitted directly from the player without first being converted to analog.

(C) REMOTE CONTROL IN/OUT jacks

By connecting this CD player to another Marantz audio component using a D-BUS remote control cable, you can operate the components remotely as a single system.

- When connecting to a component with a remote sensor, connect the REMOTE CONTROL IN jack of this unit to the REMOTE CONTROL OUT jack of the component with the remote sensor.
- When connecting to a component which is not equipped with a remote sensor, connect the component to the REMOTE CONTROL OUT jack of this unit.
For the D-BUS cable connection, use a commercially available RCA-type pin lead.
- By connecting this CD player to a Marantz cassette deck (such as the SD-60), automatic recording from the CD player to the cassette deck can be carried out.

(D) REMOTE switch

When using this unit independently, set this switch to INTERNAL. When using this unit in a system incorporating a Marantz tuner or timer equipped with a remote sensor, set the switch to EXTERNAL.

(E) AC POWER SOURCE CONNECTION

With the POWER switch set to the OFF position, plug the mains lead into a mains outlet providing the right voltage.

(1) POWER switch

Press to switch the power ON, and press again to switch it OFF.

(2) OPEN/CLOSE button

Pressing the OPEN/CLOSE button opens the disc tray. Place a compact disc on the tray with the label side facing up. Gently press the front of the disc tray to close.

(3) Display

Shows information such as the power ON/OFF state, track number, playing time and current operation mode.

(A) PAUSE indicator

Lights up in the pause mode.

(B) PLAY indicator

Lights up during CD playback.

(C) TRACK indicator

Shows the track number of the track being played or programmed.

(D) Elapsed playing time of the current track

TOTAL: Indicates the total playing time of the disc. In program mode, this indicator shows the total playing time of the programmed tracks.

REM: Indicates the remaining playing time of the current track.

TOTAL REM: Indicates the remaining playing time of the entire disc. In program mode, this indicator shows the remaining playing of the current program.

(E) PROGRAM indicator

Lights up when the CD player is in program mode.

(F) RANDOM indicator

Lights up when the RANDOM button is pressed.

(G) EDIT indicator

Lights up when the player is in edit mode.

(H) PEAK indicator

Lights up during peak search, and flashes during playback of the peak.

(I) A / B indicators

A: Lights up when tracks to be recorded on side A of a tape are playing.

B: Lights up when tracks to be recorded on side B of a tape are playing.

(J) Track number indicators

When a disc is placed on the tray and the tray is closed, the TOC* is read and the numbers of all the tracks on the disc are displayed. " " lights up if there are more than 20 tracks on the disc. In program mode only the track numbers of the programmed tracks light up.

The track numbers go out in turn as each track finishes playing.

* TOC is the disc's "Table Of Contents" and contains non-audio data such as the track numbers and playing times of all the tracks on the disc.

(K) REPEAT indicators

REPEAT 1: Lights up during 1-track repeat mode, which repeatedly plays a single track repeatedly.

REPEAT: Lights up during all-track repeat mode, which plays all the tracks on the disc repeatedly. Also lights up during program repeat mode, which plays all the programmed tracks repeatedly.

(4) REMOTE SENSOR

This window receives signals transmitted from the remote control unit. The indicator lights up when a signal is received.

(5) PLAY (▶) button

Press to start playback.

When pressed during playback, the CD player returns to the beginning of the current track and plays the track again. The indicator lights up during playback.

(6) STOP (■) button

Press to stop playback. This button is also used for deleting a program.

(7) PAUSE (||) button

Press to interrupt playback temporarily. The indicator lights up during pause. When pressed again, the indicator goes out and playback resumes from the same position.

(8) (9) ◀◀, ▶▶ (Track Previous/Next) buttons

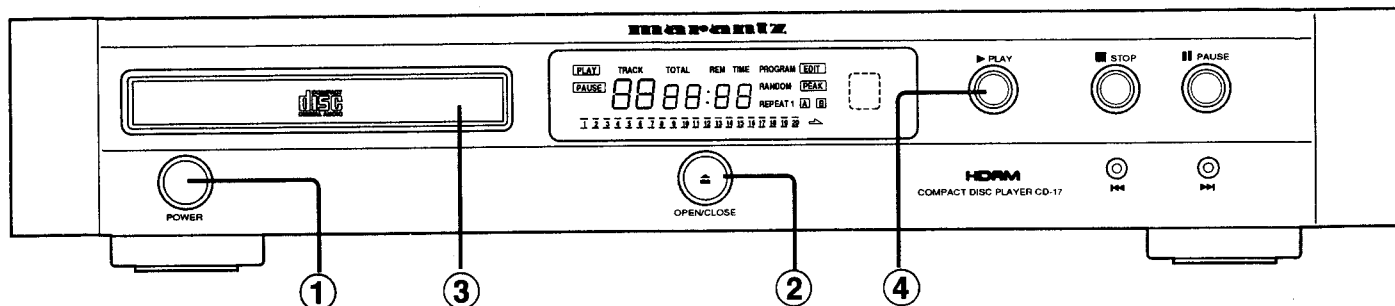
When the ◀◀ button is pressed during playback, play re-starts at the beginning of the previous or a preceding track. When the ▶▶ button is pressed, play re-starts at the beginning of the next or a subsequent track. The same number of tracks as the number of times the button is pressed can be skipped.

The selected track number is shown on the display.

These buttons can also be used to select a desired track from which to start playback.

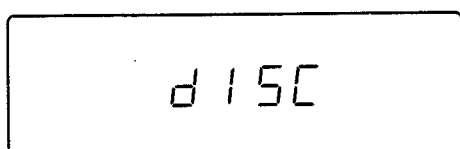
These buttons are also used in program mode to select tracks for programming.

NORMAL PLAYBACK



- ① Press the **POWER** switch to turn on the power.

Display indications



- ② Press the **OPEN/CLOSE** button.

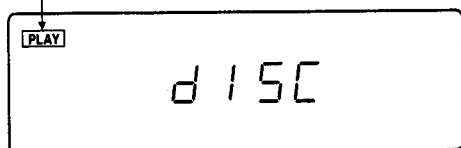
When the disc tray opens, place a disc on the tray with the label side up.

- ③ Gently press the front of the disc tray or press the **OPEN/CLOSE** button to close the tray.

- ④ Press the **PLAY** button.

When the button is pressed, the **PLAY** indicator lights up.

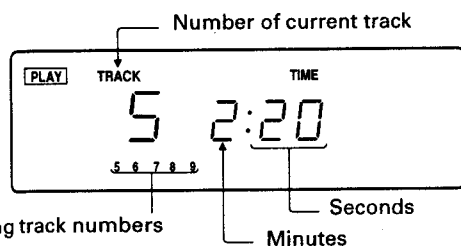
Lights up.



The disc starts playing.

While the disc is playing, the display shows the track number and elapsed playing time of the track currently playing, along with the numbers of the tracks still to be played or playing.

Display example during playback 2 minutes 50 seconds after the beginning of track No. 5 on a 9-track disc:



Remaining track numbers

When the last track has finished playing, the CD player stops automatically.

To start playback again from the first track:

Press the **PLAY** button.

To stop playback:

Press the **STOP** button.

Note:

To perform the above operations with the remote control, use the **▶** and **■** buttons.

To remove the disc:

Open the disc tray by pressing the **OPEN/CLOSE** button, remove the disc, then close the tray by lightly pressing its front edge. Always keep the disc tray closed even when the CD player is not being used.

To pause playback:

Press the **PAUSE** button.

The PAUSE indicator lights up and playback pauses at the position where the button was pressed. To resume playback from the pause position, press the **PAUSE** button again.

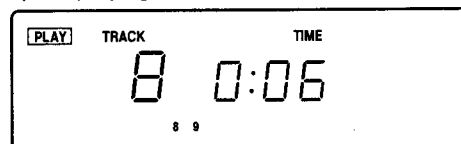
To switch the time display:

Press the **TIME** button.

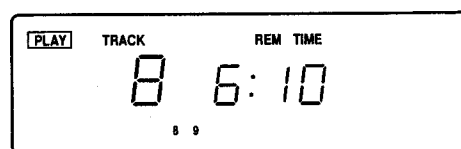
Each time the **TIME** button is pressed, the time display changes in the following order: elapsed playing time of current track → REM → TOTAL REM → elapsed playing time of current track.

Display examples

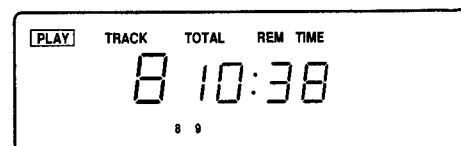
- Elapsed playing time of the current track



- REM (remaining playing time of the current track)



- TOTAL REM (total remaining playing time of the entire disc)



Scanning (locating a desired passage)

To find a passage located after the current position:

Press the **▶▶** button.

To find a passage located before the current position:

Press the **◀◀** button.

Normal playback resumes from the position where the button is released.

- When one of these buttons is pressed, scanning is first carried out at slow speed and sound is heard for about 3 seconds. After that, scanning is carried out at high speed.

SEARCHING/SKIPPING

Direct search (specifying a desired track number)

Specify the track number using numeric buttons 0 to 9.

For track number 3, press (3).

For track number 12, press (1), then, within 1.5 seconds, press (2).

If the first of two digits pressed is not one of the digits on the CD, it is interpreted as 1 digit and the search will start after about 0.5 second.

If you make a mistake when pressing the numeric buttons:

Press the right buttons to enter the correct track number.

- If you specify a track number which does not exist on the disc, "Error" will appear on the display. Enter the correct number.

Skip (skipping to a desired track located after the track currently playing)

Press the (▶▶) button the necessary number of times to skip to the desired track.

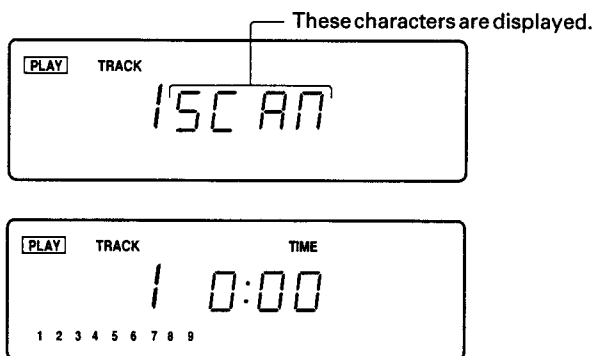
Skip (skipping to a desired track located before the track currently playing)

Press the (◀◀) button the necessary number of times to skip to the desired track.

- Pressing the (◀◀) button in the middle of the first track in the disc skips to the last track, and pressing the (▶▶) button in the middle of the last track skips to the first track.

Listening to the first part of each track (AMS)

1. Press the (AMS) button.



The first part (first 10 seconds) of each track on the disc will be played in the order in which they are recorded.

2. When you find a track you want to listen to, press the (AMS) button again.

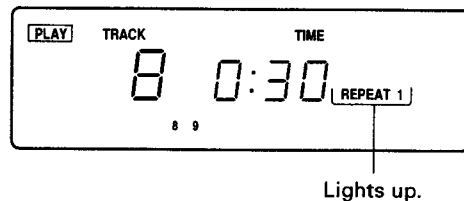
- If the (◀◀) or (▶▶) button is pressed during AMS search, the CD player increases or decreases the played track number the same number of times as the button was pressed, but AMS search is not cancelled.
- If the (AMS) button is pressed during playback or in stop mode, AMS search will begin automatically. If the (AMS) button is pressed while the disc tray is open with a disc on the tray, the disc tray will close automatically and AMS search will begin.

REPEAT PLAY

1-track repeat

(repeated playback of one track only)

While the track you want to repeat is playing, press the (REPEAT) button twice.



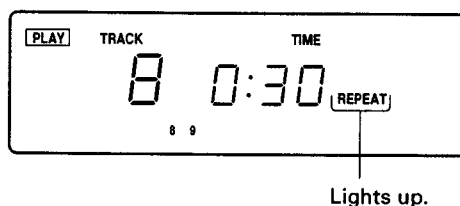
The "REPEAT" and "1" indicators light up and the current track will be played repeatedly.

To cancel 1-track repeat play:

Press the (REPEAT) button once.

All-track repeat (repeated playback of all tracks on the disc)

During playback, press the (REPEAT) button once.



The "REPEAT" indicator lights up and all the tracks on the disc are played repeatedly.

Even if the (REPEAT) button is pressed in stop mode, playback will start and repeat playback will be carried out.

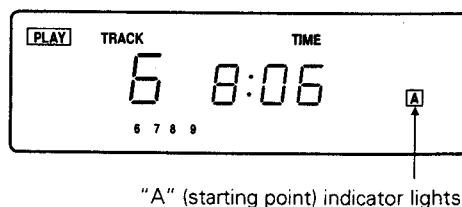
To resume normal playback:

Press the (REPEAT) button twice. The "REPEAT" indicator goes out, repeat mode is cancelled and normal playback resumes.

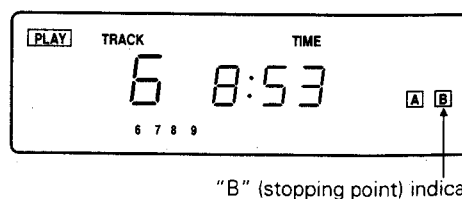
A-B repeat

(repeated playback of a specified passage)

1. During playback, press the remote control unit's (A-B) button at the starting point of the passage you want to repeat.



2. Press the (A-B) button again at the end of the passage you want to repeat.



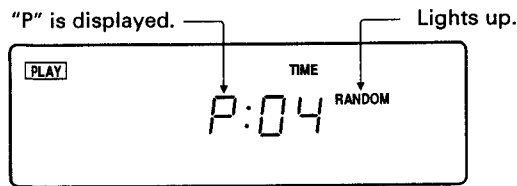
The designated passage A-B will be played repeatedly.

To cancel A-B repeat play:

Press the (A-B) button. The "A-B" indicator goes out, A-B repeat is cancelled and normal playback resumes.

RANDOM PLAY

In this mode, the CD player automatically selects and plays tracks in random order. All tracks are played once. Press the **(RANDOM)** button.



Random playback begins in about 4 seconds.

- During random playback, tracks are separated by an interval of about 4 seconds.
- The **(RANDOM)** button can be pressed either during playback or in stop mode.

If the **(RANDOM)** button is pressed while the disc tray is open with a disc on the tray, the disc tray automatically closes and random playback begins.

- To stop random playback and resume normal playback: Press the **(RANDOM)** button again.
- If the **(SKIP)** button is pressed during random playback: Each time one of these buttons is pressed, the CD player selects a track at random and starts playing that track.
- If the **(SKIP)** or **(SKIP)** button is pressed during random playback: Searching is carried out within the current track. The search operation will not cross over into the previous or next track.
- To repeatedly play tracks at random: Press the **(REPEAT)** button once. All tracks are repeatedly played in random order, with the order being changed each time the disc is played.

Delete random playback

With this function you can play tracks in random order while skipping unwanted tracks.

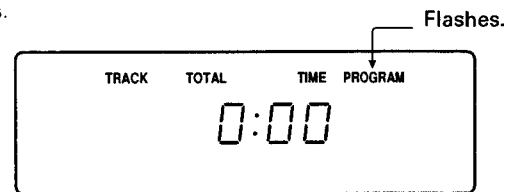
1. Program tracks according to the "delete programming" procedure in section "PROGRAM PLAY" (page 8).
2. When programming is completed, press the **(RANDOM)** button. All tracks other than the deleted tracks are played in random order.
 - If the **(REPEAT)** button is pressed twice, the currently playing track will be played repeatedly. (Since the program is stored in the memory, when 1-track repeat or program repeat is cancelled, delete random playback will still continue.)
 - If the **(REPEAT)** button is pressed once, all tracks in the delete program will be played repeatedly. (The order changes each time the program is played.)

PROGRAM PLAY

To play the desired tracks in a certain order (programming)

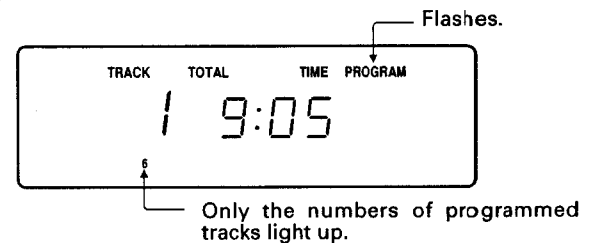
(Example: To program track number 6 first, then track number 14 on a 14-track disc)

1. Press the **(PROG.)** button in stop mode. The PROGRAM indicator flashes.

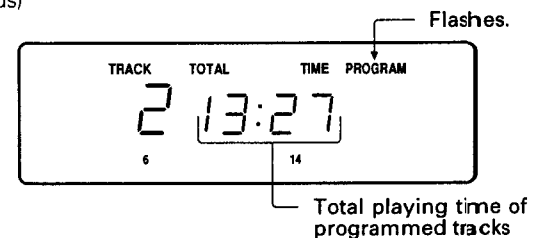


2. Specify the first track to be programmed using the numeric buttons or the **(SKIP)** or **(SKIP)** button.

(Display example: The first programmed track is track number 6 with a playing time of 9 minutes 5 seconds)

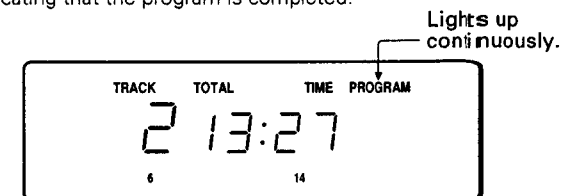


3. Then program another track by repeating the procedure in step 2 above. (Display example: The second programmed track is track number 14 and the total playing time of track numbers 6 and 14 is 13 minutes 27 seconds)



4. After having programmed all the desired tracks, press the **(PROG.)** button or **(STOP)** button.

The PROGRAM indicator status changes from flashing to continuously lit, indicating that the program is completed.

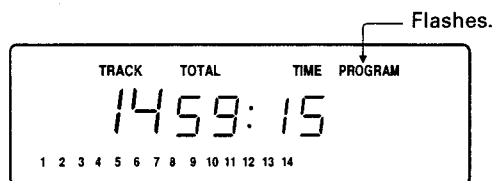


5. Press the **(PLAY)** button. The programmed tracks will be played in the programmed order.

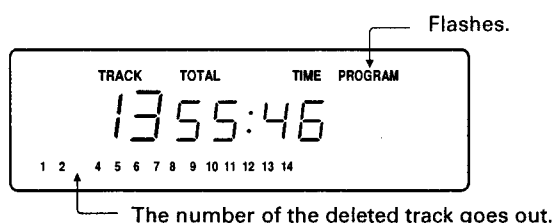
Listening only to the desired tracks by omitting unwanted tracks (delete programming)

(Example: To program the tracks on a 14-track disc with the exception of track numbers 3 and 7)

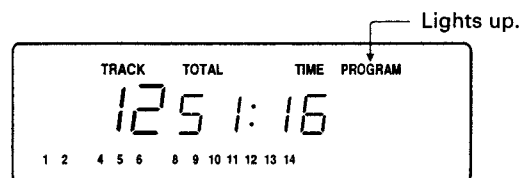
1. Press the **(PROG.)** button in stop mode and, when the PROGRAM indicator starts to flash, press the **(CANCEL)** button. The total number of tracks and total playing time of the disc will be displayed. (Display example: The total playing time is 59 minutes 15 seconds)



2. Select the unwanted tracks using the numeric buttons or the **(F.F.)** or **(R.F.)** button. (Display example: Track number 3 is selected first and the total playing time of 13 tracks becomes 55 minutes 46 seconds)



3. After having selected and deleted all of the unwanted tracks, press the **(PROG.)** button or **(STOP)** button. The PROGRAM indicator status changes from flashing to continuously lit, indicating that the program is completed. (Display example: The total playing time of the 12 tracks, omitting track numbers 3 and 7, is 51 minutes 16 seconds)



4. Press the **(PLAY)** button. The tracks except for the deleted tracks will be played in the order of the track numbers.

- When the tracks have been programmed by programming or delete programming, it is also possible to begin program playback immediately by pressing the **(PLAY)** button or **(RANDOM)** button. (For random playback, refer to page 8.)
- Take note of the following points when programming tracks by programming or delete programming.
 - * When selecting track numbers 1 to 9 using numeric buttons from a disc containing 10 or more tracks (when selecting track number 3 after track number 2, for example), press 3 more than 1.5 seconds after pressing 2.
 - * When using numeric buttons to select track number 10 or higher on a disc containing 10 or more tracks (for example when selecting track number 13), press 3 within 1.5 seconds of pressing 1.
 - * When using numeric buttons to select track numbers on a disc containing no more than 9 tracks (when selecting track number 5 after track number 4, for example), press 5 more than about 0.5 second after pressing 4.
 - * When programming track numbers using the **(F.F.)** and **(R.F.)** buttons, press buttons with intervals of less than 1 second.

To check the programmed contents:

Press the **(RECALL)** button during programming or program playback. If it is pressed during "programming", the programmed track numbers will be displayed sequentially in the order they have been programmed. If it is pressed during "delete programming", the deleted track numbers will be displayed.

To erase some of the programmed tracks:

1. Press the **(RECALL)** button to display the programmed track numbers sequentially in the order in which they have been programmed.
2. When the track number to be erased from the program is displayed, press the **(CANCEL)** button immediately. The track number indicator of the track erased from the program goes out.

To re-incorporate in the program a track which has been deleted in "delete programming":

1. Press the **(RECALL)** button during delete programming to display the deleted track numbers sequentially in the order in which they were deleted.
2. When the track number to be added to the program is displayed, press the **(CANCEL)** button immediately. The track number indicator of the track added to the program lights up.

To erase the entire program:

During program playback, press the **(STOP)** button twice. In stop mode, press the **(STOP)** button once.

- The program is also erased by pressing the **(OPEN/CLOSE)** button to open the disc tray.

To add tracks to the program:

In stop mode with the program stored in the memory (that is, with the PROGRAM indicator lit up), press the **(PROG.)** button. The PROGRAM indicator starts flashing and more tracks can be added to the program.

Q&A

- **How many tracks is it possible to program?**
Up to 30 tracks can be included in the program. With delete programming, up to 30 tracks can be omitted from the program.
- **Is it possible to change from programming to delete programming or vice versa?**
No.
- **How do you play programmed tracks repeatedly?**
Press the **(REPEAT)** button once. The REPEAT indicator lights up and the program playback will be repeated.
- **How do you play programmed tracks in a random order?**
Press the **(RANDOM)** button during program playback or in stop mode.

EDITING

When recording from a compact disc to a tape, use this function to match the tape length to the playing time of the tracks to be recorded and to create 4-second intervals between the tracks.

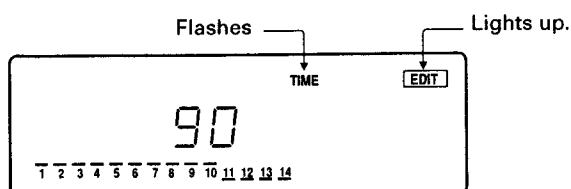
Auto peak level search

If the cassette deck recording level is adjusted in relation to the peak level on the disc, it is possible to avoid distortion and noise in recording. This facility allows the peak over the entire disc or in the programmed to be detected tracks before proceeding to editing.

Simple edit

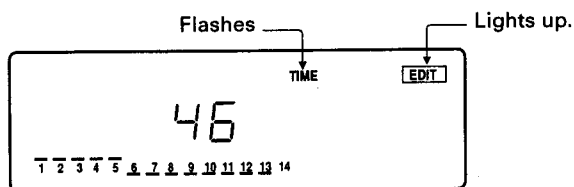
This operation fits tracks into a specified tape length while keeping the tracks in their original order.

1. Press the **[EDIT]** button in stop mode to light up the EDIT indicator. The tape recording time display (90) appears.



This display example shows that, if a 90-minute tape is used, track numbers 1 to 10 will be recorded onto tape side A automatically and tracks numbers 11 to 13 will be recorded onto tape side B automatically, as indicated by the bars above and below the track numbers.

2. Specify the recording time of the tape used using the numeric buttons (0 to 9) or the **[F.F.]** or **[R.F.]** button.
 - When numeric buttons are used to specify a C-46 tape, for example, press **[4]** then **[6]**.



This display example shows that, with a 46-minute tape, track numbers 1 to 5 will be recorded onto tape side A and track numbers 6 to 13 will be recorded onto tape side B, as indicated by the bars above and below the track numbers. The bar above track number 14 disappeared, indicating that track number 14 has will not be recorded.

- Use of **[F.F.]** and **[R.F.]** buttons

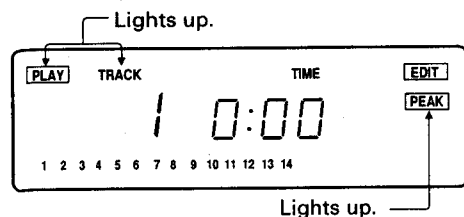
Each press of the **[F.F.]** button allows you to change the recording time in the order 90 → 46 → 60 → 90.

Each press of the **[R.F.]** button allows you to change the recording time in the order 90 → 60 → 46 → 90.

Each press of the **[F.]** button allows you to increase the recording time by 1 minute.

Each press of the **[R.]** button allows to decrease the recording time by 1 minute.

3. Press the **[PLAY]** button. The PEAK indicator lights up and the auto peak level search operation starts from track number 1.



4. After the auto peak level search of the last track has finished, the passage of about 4 seconds centered around the peak position will be played 4 times. Adjust the recording level of the cassette deck during this period. For the adjustment procedure, refer to the instruction manual supplied with your cassette deck.

5. After the peak passage has been played 4 times, the CD player enters the pause mode.

6. Press the **[PAUSE]** button to start edit play for tape side A.

7. After edit play for tape side A has been completed, the CD player automatically enters pause mode.

8. To start edit play for side B, press the **[PAUSE]** button.

NOTE:

As a CD may contain several peaks, a different peak may be found every time the auto peak level search operation is performed. During simple edit play, operations other than the STOP, OPEN/CLOSE, DIMMER, VOLUME, RECALL and TIME operations are blocked. This is intended to prevent mistakes in recording due to erroneous operation.

Program edit

This procedure allows you to record tracks in any desired order while fitting the tracks into a specified tape length.

1. Program tracks according to the programming procedure in section "PROGRAM PLAY" (page 8).
2. The rest of the program edit procedure is the same as step 1 to 8 in the simple edit procedure.

NOTE:

During program edit play, operations other than the STOP, OPEN/CLOSE, DIMMER, VOLUME, RECALL and TIME operations are blocked. This is intended to prevent mistakes in recording due to erroneous operation.

Delete program edit

When recording from a disc to a tape, this procedure allows you to omit the tracks you do not want to record, while fitting the tracks into a specified tape length.

1. Program tracks according to the "delete programming" procedure in the "PROGRAM PLAY" section (page 8).
2. The rest of the delete program edit procedure is the same as step 1 to 8 in the simple edit procedure.

NOTE:

During delete program edit play, operations other than the STOP, OPEN/CLOSE, DIMMER, VOLUME, RECALL and TIME operations are blocked. This is intended to prevent mistakes in recording due to erroneous operation.

- If you want to skip the auto peak level search:

In step 3 of the simple edit procedure, press the **[PLAY]** button twice in succession within less than 0.5 second. The PAUSE indicator lights up and the CD player enters the pause mode. When the **[PAUSE]** button is pressed later on, the edit play for tape side A will start immediately, without the auto peak level search operation.

Synchro Recording

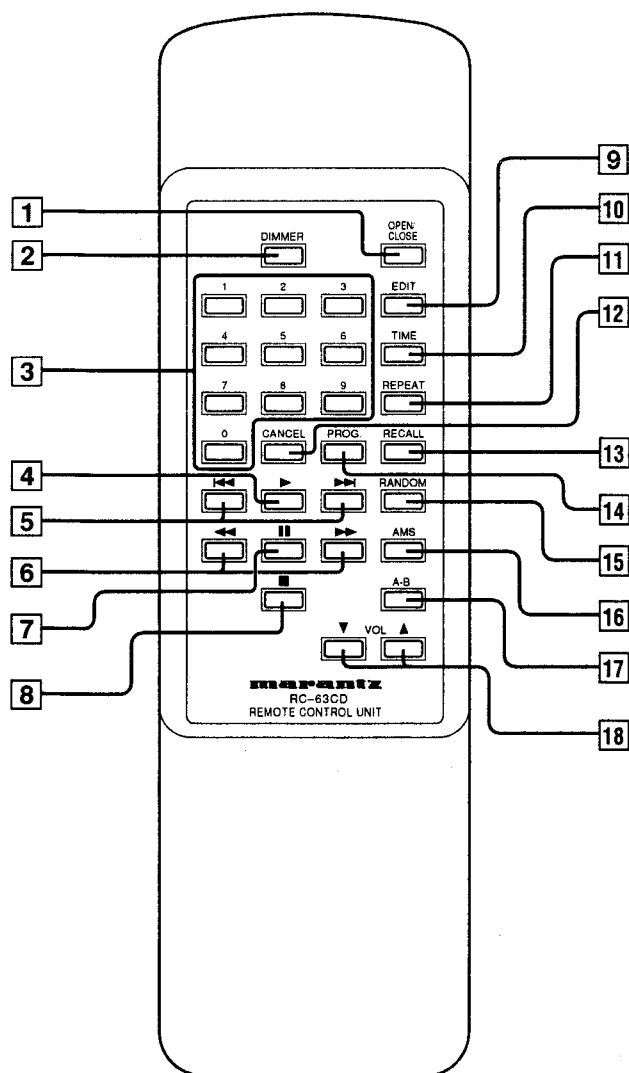
This function starts the recording of the cassette deck automatically in synchronism with the start of edit play of the CD player.

- Synchro recording can be started only when a Marantz cassette deck with synchro recording compatibility is connected to the CD player.
- Synchro recording is performed through the remote line connection (rear panel jacks).

1. Set up the cassette deck for synchro recording. For the detailed operations, please refer to the User Guide of the cassette deck.
2. When the pause button of the CD player is pressed to start the edit play for tape side A, the cassette deck also starts automatically.

REMOTE CONTROL UNIT RC-63CD

When the power to the CD player is ON and a disc is loaded on the disc tray, the remote control unit (RC-63CD) can be used to operate the player's various functions. However, the power to the CD player must be switched ON/OFF using the POWER switch on the main unit. The AMS, REPEAT, A-B REPEAT, RANDOM and VOLUME functions are carried out using the buttons on the remote control unit (RC-63CD).



1 OPEN/CLOSE button

Press to open and close the disc tray.

2 DIMMER button

Press to adjust the display illumination brightness. The illumination at its the brightest when the power is switched ON. Each time this button is pressed, the brightness dim until the fourth press, after which the illumination returns to the original brightness.

3 Numeric (0 to 9) buttons

When used during playback, these buttons allow you to specify the number of another track you want to play.

When used during stop mode, these buttons allow you to specify the number of a track from which to start playback.

These buttons are also used to select tracks for programming.

4 ► (Play) button

Press to start playback.

When pressed during playback, the CD player returns to the beginning of the current track and plays the track again.

5 ◀◀, ▶▶ (Track Previous/Next) buttons

When the ◀◀ button is pressed during playback, play re-starts at the beginning of the previous or a preceding track. When the ▶▶ button is pressed, play re-starts at the beginning of the next or a subsequent track. The same number of tracks as the number of times the button is pressed can be skipped.

The selected track number is shown on the display.

These buttons can also be used to select a desired track from which to start playback.

These buttons are also used in program mode to select tracks for programming.

6 ◀◀, ▶▶ (Search Reverse/Forward) buttons

◀◀: When pressed during playback, this button fast-reverses the play position.

▶▶: When pressed during playback, this button fast-forwards the play position.

7 || (PAUSE) button

Press to interrupt playback temporarily. When pressed again, the indicator goes out and playback resumes from same position.

8 ■ (Stop) button

Press to stop playback. This button is also used for deleting a program.

9 EDIT button

Press to engage the editing function, which helps record a disc onto a tape by playing the tracks according to the tape length and leaving a non-recorded blank of 4 seconds between every track.

10 TIME button

Switches the time shown on the display to the remaining time of the current track (REM) or the remaining time of the entire disc (TOTAL REM).

11 REPEAT button

Press to select 1-track repeat, all-track repeat or program repeat playback mode.

12 CANCEL button

Used to delete specified track numbers from a program.

Also used when creating programs by deleting any tracks which you do not want to listen to (delete programming).

13 RECALL button

Pressing this button displays the programmed track numbers and program numbers (steps) in sequence.

14 PROG button

Press to activate program play, so that only the selected tracks from the disc loaded on the disc tray will be played.

15 RANDOM button

When this button is pressed, the player enters random play mode (tracks on the disc are selected and played in a random order). When pressed again, random play is cancelled.

16 AMS (Automatic Music Scan) button

When this button is pressed, the player automatically plays the first part of each track on the disc for 10 seconds.

17 A-B button

Used to set the starting and stopping points of a passage for repeated playback.

18 VOL(▼)/VOL(▲) buttons

Press to vary the ANALOG OUTPUT and headphones output volume between 0 and -30 dB. The level when the power is turned on is 0 dB (maximum volume).

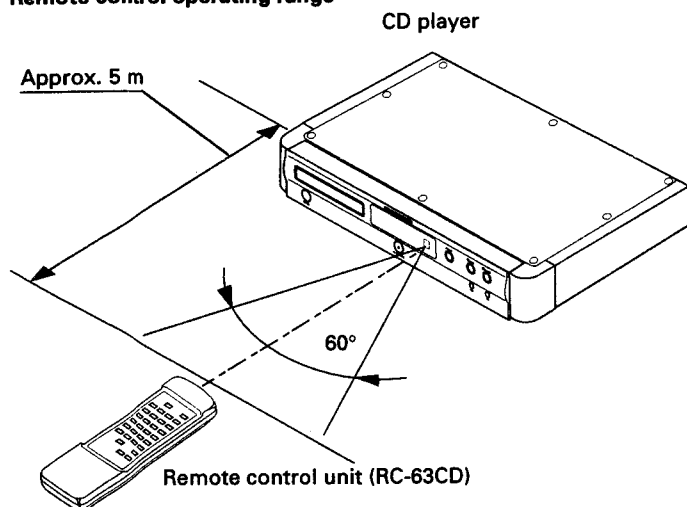
USING THE REMOTE CONTROL UNIT

1. Remote control

Operate the remote control unit (RC-63CD) within a distance of approx. 5 m from the infrared signal reception window (remote sensor) on the front of the CD player.

Remote control operation may not be possible if the remote control unit's transmitter is not pointing in the direction of the remote sensor or if there is an obstruction between the transmitter and the remote sensor.

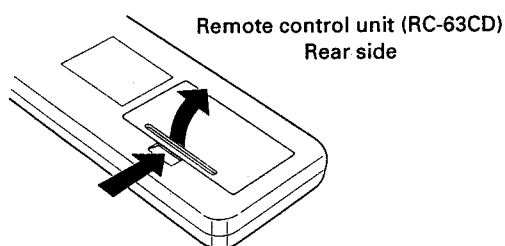
Remote control operating range



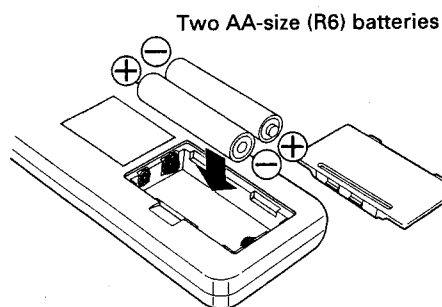
2. Loading batteries

Batteries in this remote control unit have a life of approximately 1 year under normal operating conditions. If the remote control unit is not going to be used for an extended period of time, remove the batteries. Also, if you notice that the batteries are starting to run down, replace them as soon as possible.

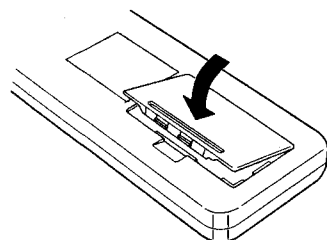
① Remove the battery cover.



② Insert the batteries with correct +/- orientation.



③ Close the battery cover until it clicks shut.



TROUBLE - SHOOTING

If you think a malfunction has occurred, first check the points listed below. The problem is likely to have been caused by a simple operational error or a connection problem. If the problem cannot be corrected even after carrying out the following checks, consult your dealer or nearest Marantz sales office or service counter.

• The disc fails to rotate.

1. Is the mains lead plugged in properly?
2. Is the POWER switch ON?
3. Is the disc placed in the correct position on the disc tray?
4. Is the disc placed properly with the label side facing up?
5. Is the disc dirty?
6. Is the disc scratched?
7. Is the disc warped?
8. Have the transport screws been removed?

• The disc is rotating but no sound is heard.

1. Are the amplifier and speakers connected properly?
2. Is the amplifier switch ON?
3. Is the amplifier's volume control set at the minimum level?
4. Is the amplifier's selector switch set to the correct input ("CD" or "AUX", whichever corresponds to the input jacks the CD player is connected to)?

• The disc stops in mid-operation.

1. Is the disc dirty?
2. Is the disc scratched?
3. Is the disc warped?

• The sound drops out or noise is heard.

1. Is the disc dirty?
2. Is the disc scratched?
3. Is the disc warped?

• Remote control operation is not possible.

1. Is the RC-63CD remote control unit's transmitter pointed correctly at the remote sensor on the front of the CD player?
Or is there an obstruction between the transmitter and the remote sensor?
2. Are the batteries in the remote control unit (RC-63CD) exhausted?
3. Is there another strong light (from a window, etc.) striking the CD player's remote sensor?
4. Is an RCA-type pin-plug lead connected to the "REMOTE CONTROL IN" jack on the CD player's rear panel?

OPERATING PRECAUTIONS

- In the winter you may notice that condensation forms on the window of a well-heated room.

Condensation may also occur inside the CD player in the following situations:

- When the listening room is first heated.
 - When the humidity in the room is high.
 - When the unit is moved from a cold environment to a warm room.
-
- If condensation occurs, the number of tracks cannot be read and the CD player may not function properly. If this happens, leave the power ON and wait for about 30 minutes before operating the unit.
 - The CD player may interfere with the reception of your tuner or TV set. If this occurs, place the CD player farther away from the tuner or TV.
 - The CD player features very little noise compared to analog records, and the noise before actual playback begins is almost inaudible. Therefore, be careful not to set the volume control of the amplifier too high, otherwise other audio components such as the speakers may be damaged when actual playback starts.

CLEANING OF EXTERIOR SURFACES

With proper care and cleaning, the exterior finish of your equipment will last indefinitely. Never use scouring pads, steel wool, scouring powders or harsh chemical agents (e.g. lye solution), alcohol, thinners, benzene, insecticide or other volatile substances, as these will mar the finish of the cabinet. Likewise, never use cloths containing chemical substances. If the equipment becomes dirty, wipe the external surfaces with a soft, lint-free cloth.

If the cabinet becomes heavily soiled:

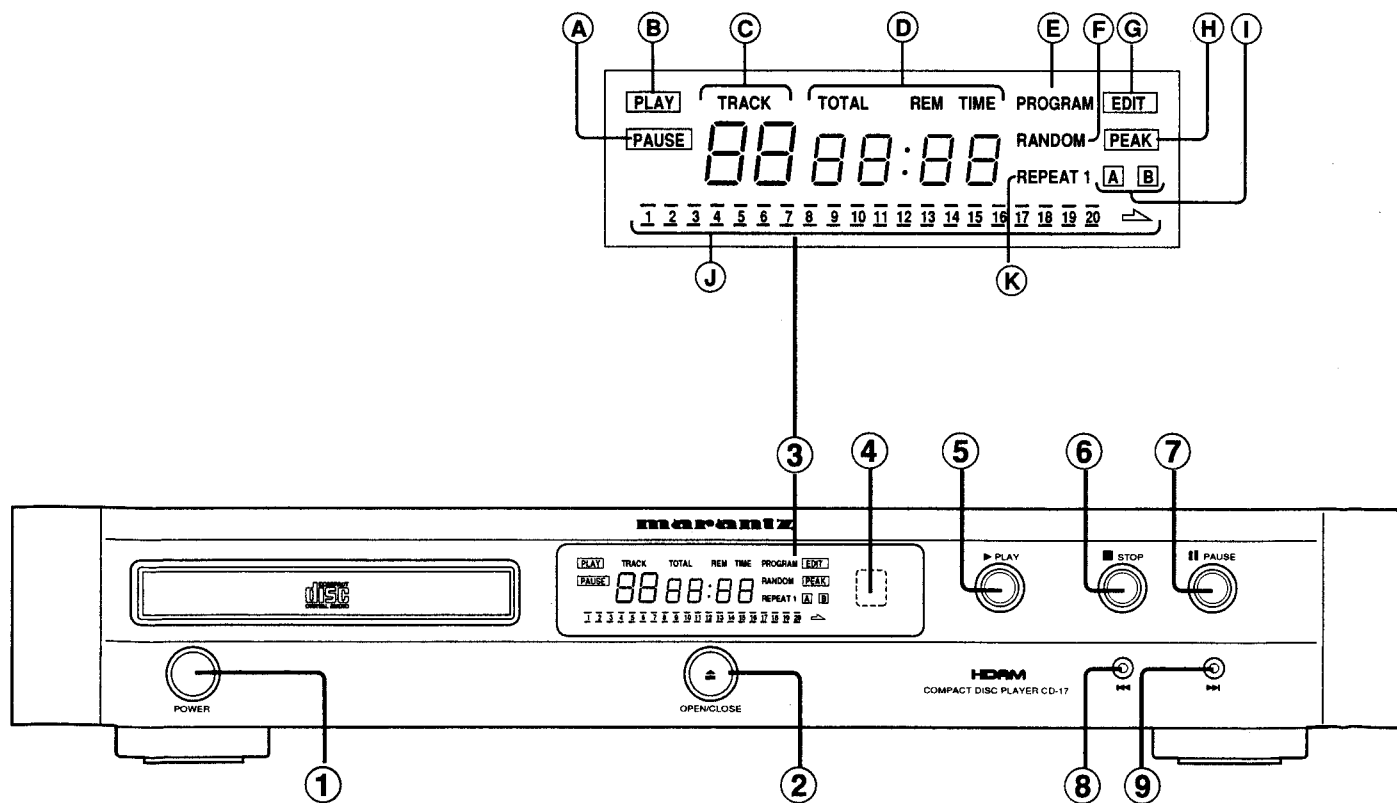
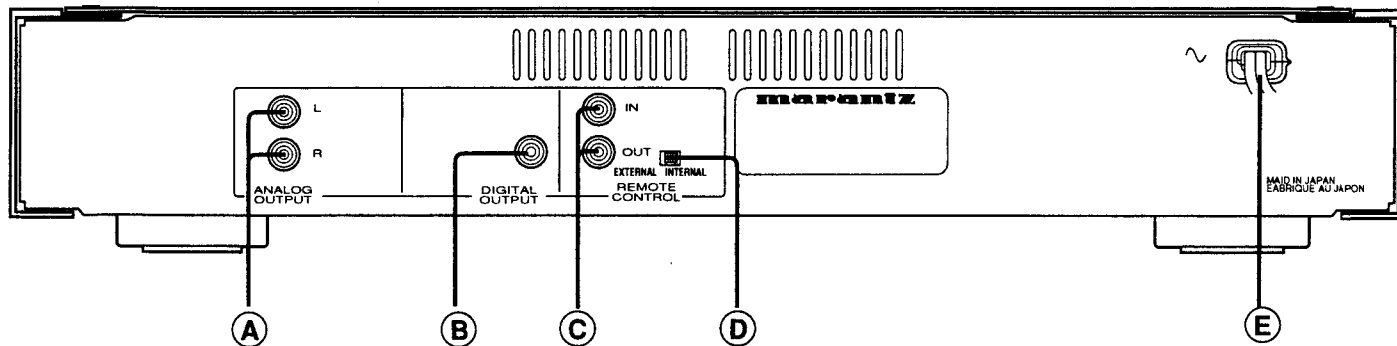
- dilute some washing-up liquid in water, in a ratio of one part detergent to six parts water;
- dip a soft, lint-free cloth in the solution and wring the cloth out until it is damp;
- wipe the equipment with the damp cloth;
- dry the equipment by wiping it with a dry cloth.

REPAIRS

Only the most competent and qualified service technicians should be allowed to service the equipment. The Marantz company and its factory-trained warranty station personnel have the knowledge and special facilities needed for the repair and calibration of this precision equipment. After the warranty period has expired, repairs will be performed for a charge if the equipment can be restored to normal operation.

In the event of difficulty, consult your dealer or write directly to the nearest location to you that is listed on the Marantz Authorized Service Station list. Please quote the model and serial number of the equipment and give a full description of what you think is abnormal about the equipment's behaviour.

Model CD-17



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