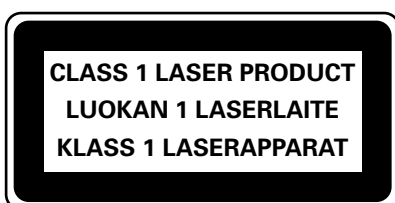


**marantz®**

**Model CD4000 User Guide**

**CD PLAYER**



**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 constituent 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 Ihre wertvolle Anschaffung. Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungszwecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

**WICHTIG!**

Bei Garantifragen 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 te wenden tot uw plaatselijke Marantz-handelaar.

**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, b.v. 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 is zijn voldoende bewijs.

**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. La 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 abito da garantia, é da responsabilidade do consumidor estabelecer a prova e data de compra. O recibo é prova adequada.

**ESPAÑOL****GARANTÍA**

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**

Angående garanti, kontakta din lokala Marantz handlare.

**SPAR KVITTOT**

Kvittot är din Inköphandling över Inköp av en värdefull vara. Det ska placeras på ett säkert ställe och hänvisas till vid försäkringsfrågor eller vid korrespondens med Marantz.

**VIKTIGT**

När garantiservice åberopas är det konsumentens ansvar att visa datum för inköp. Ditt kvitto eller din faktura är ett tillfredsställande bevis.

**DANSK****GARANTI**

Kontakt Deres lokale Marantz-forhandler angående garanti-information.

**GEM DERES KØBSNOTA**

Deres købsnota er et vigtigt bevis for købet. Opbevar den et sted, så De senere kan finde den, hvis den skal bruges i forbindelse med forsikrings spørgsmål eller kontakt til Marantz.

**VIGTIGT**

Når man henvender sig for at få service under garantien, er det kundens ansvar at kunne fremlægge bevis for køb og købsdato. Købsnota eller faktura er tilstrækkelig til et sådant bevis.

**ENGLISH:**

**CAUTION!**

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

**Suomi:**

**VAROITUS!**

Laittaan käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle laseräteilylle.

**Svenska:**

**VARNING!**

Om apparaten användas på annat sätt än vad som beskrivs i denna bruksanvisning kan användaren utsättas för osynlig laserstrålning som överskrider gränsen för laseklass 1.

**WARNING FOR LASER RADIATION**

**CAUTION : INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.**

**DANGER : INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.**

**VARO! : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINANAKYMÄTTÖMÄALLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.**

**VARNING! : OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRakta EJ STRALEN.**

**ITALIA**

SI DICHIARA CHE L'APPARECCHIO CD-4000 RISPONDE ALLE PRESCRIZIONI DELL'ART. 2 COMMA 1 DEL D.M. 28 AGOSTO 1995 N° 548.

Fatto a eindhoven, il 1/3/1998.

MARANTZ EUROPE B.V.  
5600 JB EINDHOVEN  
THE NETHERLANDS

**NORGE**

- Typeskilt finnes på apparatens bakside.
- **Observer : Nettbryteren er sekundert innkoplet. Den innebygde nettdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.**

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

**FITTING A MAINS PLUG (U.K. only)**

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

- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
- 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 disposed 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”) and BROWN – “LIVE” (“L”). As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- The BLUE wire must be connected to the terminal which is marked with the letter “N” or coloured BLACK.
- The BROWN wire must be connected to the terminal which is marked with the letter “L” or coloured RED.
- 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 cordgrip is clamped over the sheath of the lead – not simply over the two wires.

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# GENERAL INFORMATION

English

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### TROUBLESHOOTING

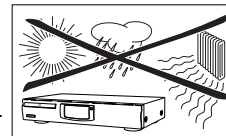
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## Maintenance

Clean the CD player with a soft, slightly dampened lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.



Do not expose the CD player, batteries or CDs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).

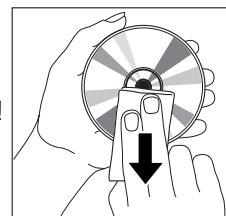


This CD player can play all kinds of Audio Discs such as CD-Recordables and CD-Rewriteables. Do not try to play a CD-ROM, CD-I, CDV or computer CD.

If the CD player cannot read CDs correctly use a commonly available cleaning CD to clean the lens before taking the CD player to repair. Other cleaning methods may destroy the lens. Always keep the tray closed to avoid dust on the lens.

The lens may cloud over when the CD player is suddenly moved from cold to warm surroundings. Playing a CD is not possible then. Leave the CD player in a warm environment until the moisture evaporates.

To clean a CD, wipe it in a straight line from the center toward the edge using a soft, lint-free cloth. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.



## Technical data

Subject to modification without notice.

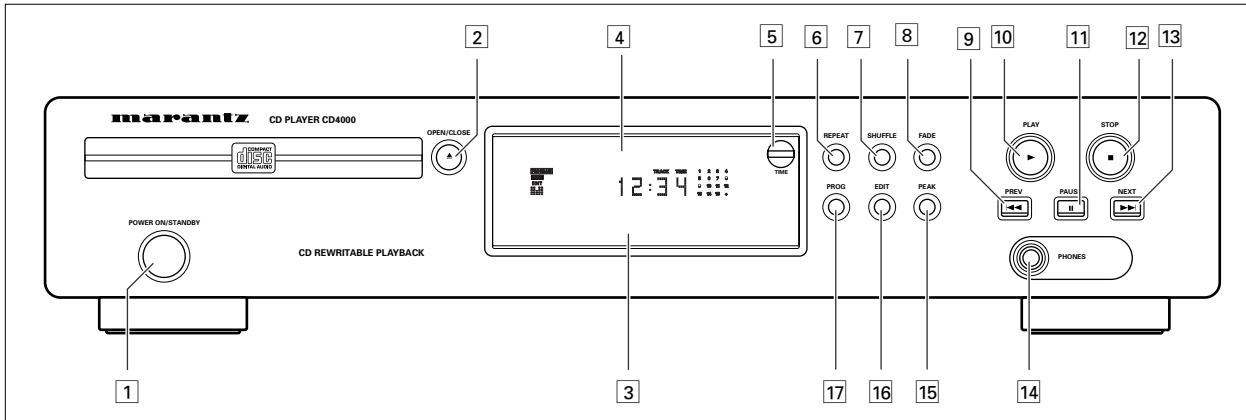
Standby power consumption .....	< 5W
Frequency range .....	20–20,000Hz
Amplitude linearity .....	< 1dB (1kHz, -90dB)
Dynamic range .....	95dB (1kHz)
Signal-to-noise ratio.....	98dB (1kHz, A-weighted)
Channel separation.....	85dB (1kHz)
Total harmonic distortion.....	0.006%, -84dB (1kHz)
Audio output .....	2V RMS ±3dB, 1kΩ
Digital coaxial output.....	75Ω acc. IEC 958
Impedance headphones.....	30–600Ω (5V e. m. f. from 120Ω)
Dimensions .....	435 × 86 × 265mm
Weight.....	2.9kg



**This set complies with the radio interference requirements of the European Community**

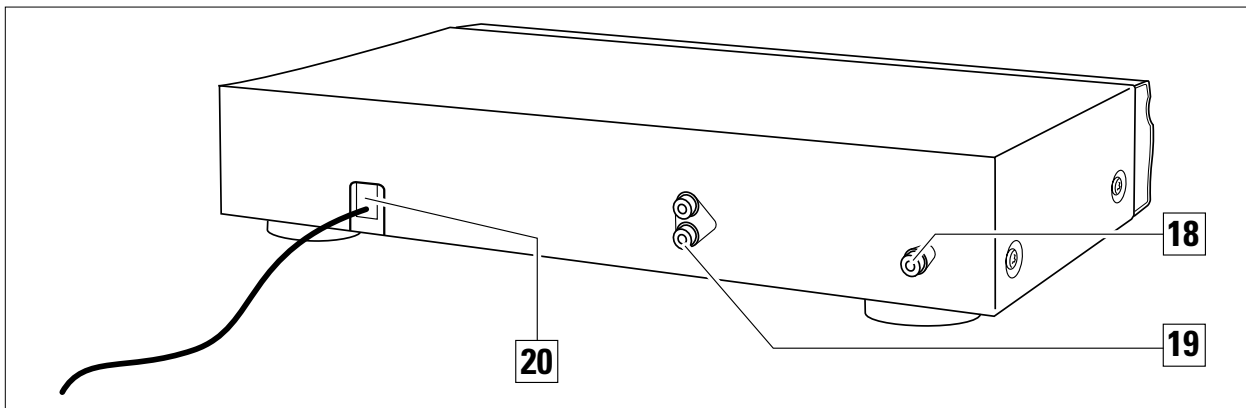
## CONTROLS AND CONNECTIONS

English



### Controls on the front

- |  |   |
|--|---|
| <p><b>1 POWER ON / STANDBY</b>...switches the CD player on and to standby</p> <p><b>2 OPEN-CLOSE</b>.....opens and closes the CD tray</p> <p><b>3</b> Sensor for the infrared remote control</p> <p><b>4</b> Display</p> <p><b>5 TIME</b>.....switches through the different time information</p> <p><b>6 REPEAT</b> .....repeats a track, a program or the entire CD</p> <p><b>7 SHUFFLE</b> .....plays a CD or a program in random order</p> <p><b>8 FADE</b>.....fades CD play out and in</p> <p><b>9 PREV. ◀◀</b> .....selects the beginning of the current or a previous track, and searches backward</p> | <p><b>10 PLAY ▶</b>.....starts CD play</p> <p><b>11 PAUSE   </b>.....interrupts CD play</p> <p><b>12 STOP ■</b>.....stops CD play and clears a program</p> <p><b>13 NEXT ▶▶</b>.....selects the beginning of a subsequent track, and searches forward</p> <p><b>14 PHONES</b>.....6.3mm headphone socket</p> <p><b>15 PEAK</b>.....searches the loudest passage of a CD</p> <p><b>16 EDIT</b>.....changes the settings for recording on tape or CD-Recordable</p> <p><b>17 PROGRAM</b>.....programs track numbers</p> |
|--|---|



### Connections at the back

- 18 DIGITAL OUT**.....to connect the digital input of a digital audio device
- 19 LINE OUT L R** .....to connect the audio input of an amplifier
- 20 MAINS LEAD** .....After all other connections have been made, connect this mains lead to the wall socket.

## INSTALLATION AND REMOTE CONTROL

English

### Accessories

This CD player is supplied including:

- a remote control
- 2 batteries for the remote control
- a connection cable
- this instruction booklet

### Connections

#### Usual connection, LINE OUT

- 1 Insert the red plug of the supplied connection cable into R and the other plug into L.
- 2 Insert the other side of the cable into the corresponding sockets of the CD or AUX input of your amplifier.

#### Important!

You may also use the TUNER or TAPE, but **never** the PHONO input of your amplifier!

#### Digital connection, DIGITAL OUT

**Never** connect this socket to a non-digital input – such as AUX, CD, PHONO, TAPE – of an amplifier. This output supplies a digital signal and can therefore only be connected to a digital input.

- 1 Insert an optional coaxial cable into DIGITAL OUT.
- 2 Insert the other side of the cable into the digital input of your digital device (e. g. CD Recorder).

### Mains

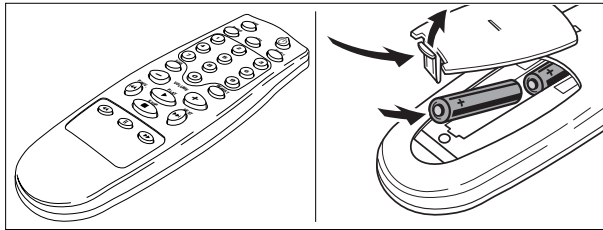
**The type plate is located on the bottom of the CD player.**

- 1 Check whether the mains voltage as shown on the type plate corresponds to your local mains voltage. If it does not, consult your dealer or service organisation.
- 2 Connect the mains cable to the wall socket. This switches on the mains supply.

*Note: To disconnect the CD player from the mains completely, remove the mains plug from the wall socket.*

**For users in the U.K.:**  
please follow the instructions on page 2.

### Remote control



#### Batteries

- Open the battery compartment of the remote control and insert 2 alkaline batteries, type **AAA** (R03, UM-4).

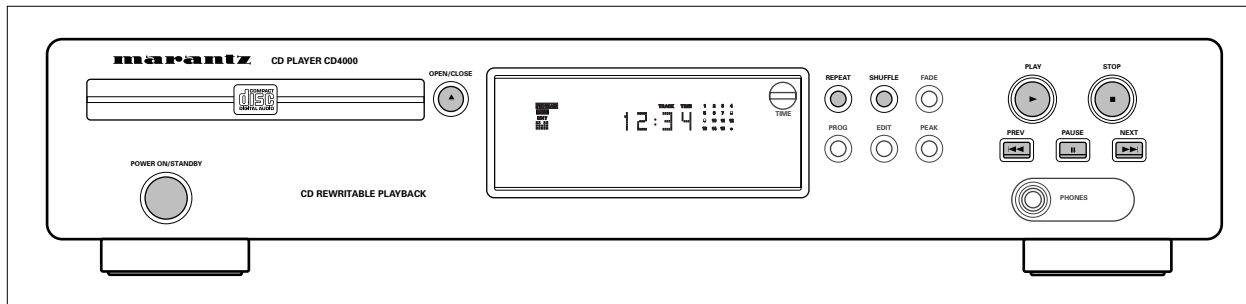
Remove batteries if they are flat or the remote control is not going to be used for a long time.

**Batteries contain chemical substances, so they should be disposed of properly.**

- TIME** .....switches through the different time informations
- ⏻** .....switches the CD player to standby
- PROG.** .....programs track numbers
- FADE** .....fades CD play out and in
- SHUFFLE** .....plays a CD or a program in random order
- DIGITS 0-9** .....selects a track by number
- SCAN** .....plays the beginning of each track
- REPEAT** .....repeats a track, a program or the entire CD
- VOLUME -** .....decreases the volume level
- VOLUME +** .....increases the volume level
- PLAY ▶** .....starts CD play
- PREV. ◀◀** .....selects the beginning of the current or a previous track
- NEXT ▶▶** .....selects the beginning of a subsequent track
- STOP ■** .....stops CD play and clears a program
- ◀◀** .....searches backward
- PAUSE II** .....interrupts CD play
- ▶▶** .....searches forward

# PLAYBACK

English



## Discs for playback

This system can play all audio CD, finalized audio CD-Recordable and finalized audio CD-Rewritable format discs.



## Playing a CD

- 1 Use POWER ON / STANDBY to switch on the CD player.
  - 2 Press OPEN·CLOSE to open the CD tray.  
→ OPEN appears on the display.
  - 3 Insert an audio CD (printed side up) and press OPEN·CLOSE to close the CD compartment.  
→ READING appears on the display. Then the number of tracks and the playing time is shown.
  - 4 Press PLAY ► to start CD play.  
→ The display shows ■■■, TRACK, TIME, and the number and time of the actual track.
- You can interrupt CD play by pressing PAUSE ■■.  
→ The display shows ■■■ and the track number and time where playback was stopped.
  - Continue CD play by pressing PAUSE ■■ again.
- 5 Press STOP ■ to stop CD play.

*Note: Playback will also stop if the end of the CD is reached.*

## Selecting a track and searching

### Selecting a track during CD play

- Briefly press PREV. ◀◀ or NEXT ▶▶ once or several times to skip to the beginning of the current, previous or subsequent track(s).
- or
- Use the digits **0-9** on the remote control to key in the number of a track.  
→ CD play continues with the selected track.

### Selecting a track when CD play is stopped

- 1 Briefly press PREV. ◀◀ or NEXT ▶▶ once or several times.  
or
  - Use the digits **0-9** on the remote control to key in the number of a track.
- 2 Press PLAY ► to start CD play.  
→ Playback starts with the selected track.

### Searching for a passage during CD play

- 1 Hold down PREV. ◀◀ or NEXT ▶▶ to find a particular passage in a backward or forward direction.  
→ CD play continues at a low volume.
- 2 Release the button when you have reached the desired passage.

*Note: In the shuffle and repeat mode and when playing a program, searching is only possible within the particular track.*

## Random order playing (SHUFFLE)

- 1 Press SHUFFLE before or during CD play to start shuffle play.  
→ SHUFFLE is shown in the display. All the tracks of the CD (or program if available) will now be played in random order.
- 2 Press SHUFFLE again to return to normal CD play.

## Repeating the CD, a track or a program

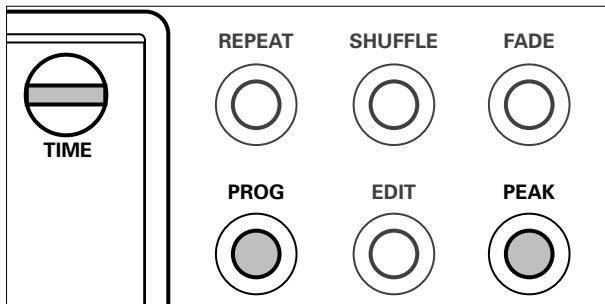
- 1 Press repeatedly REPEAT during CD play.  
→ The display shows the different repeating modes.  
**REPEAT 1:** the current track is played repeatedly.  
**REPEAT:** the entire CD or program (if available) is played repeatedly.
- 2 Press REPEAT until the display indication disappears to return to normal CD play.

*Note: It is possible to activate the different playing modes at the same time, e. g. you can repeatedly play the entire CD or program in random order (PROGRAM REPEAT SHUFFLE).*



## ADDITIONAL FUNCTIONS

English



### Programming track numbers

You can select a number of tracks and store these in the memory in the desired sequence. You can store any track more than once. At most, 30 tracks can be stored in the memory.

- 1 Press PROG to start programming.  
→ **PROGRAM** flashes.

*Note: If you press PROGRAM while playing a CD, the actual track will be added to the program.*

- 2 Press PREV. ◀◀ or NEXT ▶▶ to select the desired track.  
or
  - Key in the number of a track with the digits **0-9** on the remote control.
- 3 Press PROG to store the track number.  
→ **TRACK**, **TOTAL TIME**, and the number of the programmed track is displayed. The number of programmed tracks is increased and the time of the track is added to the total time of the program.
- 4 Repeat steps 2 and 3 for all tracks to be programmed.
- 5 Press STOP ■ to end programming.  
→ **PROGRAM** lights permanently.
  - It is possible to review the program using the PREV. ◀◀ or NEXT ▶▶. You can add more tracks by pressing PROGRAM like you have done before.
- 6 Press PLAY ▶ to start program play.

*Note: If you try to store more than 30 tracks  
PROGRAM FULL scrolls through the display.*

### Clearing the program

- 1 If necessary press STOP ■ to stop program playing.
- 2 Press STOP ■ to clear the program.  
→ PROGRAM CLEARED scrolls through the display, PROGRAM disappears and your program is cleared.

*Note: The program will also be cleared if you open the tray.*

### Loudest passage searching

You can search for the loudest passage of a CD or program. This will help you in adjusting your recording device if required.

- 1 If necessary press STOP ■ to stop CD play.
- 2 Press PEAK to start searching.  
→ PEAK starts flashing. Searching may need a few minutes. Then 4 seconds of the loudest passage are played repeatedly.
  - You can interrupt peak play by pressing PAUSE ||. Continue peak play by pressing PAUSE || again.
- 3 Press STOP ■ to stop playing.  
or
  - Press PLAY ▶ to start CD play.

### Time display

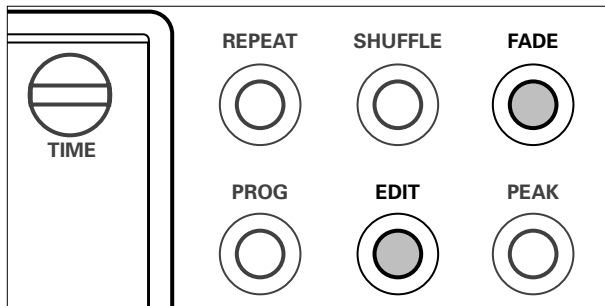
You can display time information which is stored on the CD.

While playing a CD or a program the number and elapsed time of the actual track, and **TIME** are displayed.

- Press TIME several times to display:
  - The number and remaining time of the actual track, and **REM TIME**.
  - The number of the actual track, the total elapsed time of the CD, and **TOTAL TIME**.
  - The number of the actual track, the total remaining time of the CD, and **TOTAL REM TIME**.

*Note: If you press TIME when the CD is not playing you may only display the total time of the CD.*

## ADDITIONAL FUNCTIONS



### Fading out and in

You can fade out and in CD play, e. g. to stop and start a recording softly.

- 1 Press FADE during CD play to fade out.
  - The display shows in steps. The volume is lowered continuously until CD play is paused.
- 2 Press FADE again to fade in.
  - The display shows in steps. CD play starts and the volume is raised continuously to its previous level.

*Note: You may use FADE anytime when CD play is paused to fade in.*

### Volume adjustment

The volume of the CD player can be adjusted. This affects the DIGITAL OUT output as well.

- Press VOLUME – or VOLUME + on the remote control.
  - The volume of the CD player is lowered or raised. The display shows the actual value between VOL MIN and VOL MAX.

### Important!

*VOLUME –/+ is altering the signal of the output. Before recording set the volume to VOL MAX and do not change during recording.*

### Locking the volume

It is possible to lock the output volume to its maximum. This affects the DIGITAL OUT output as well. Locking the volume can be useful when recording from the CD-player.

- Keep EDIT pressed for more than 2 seconds.
  - If the volume was unlocked:*
    - The display shows VOL FIX and the volume is locked.
  - If the volume was locked:*
    - The display shows VOL MAX and the volume is unlocked.

*Note: If you press VOLUME –/+ and the volume is locked the display shows VOL FIX.*

### Headphone listening

- 1 Connect your headphones to the 6.3mm PHONES socket.
- 2 Press VOLUME – or VOLUME + on the remote control to adjust the volume (see "Volume adjustment").

### Important!

*The volume of the headphones is in line with the volume of the output. Therefore do not use VOLUME –/+ during recording.*

### Scanning the CD

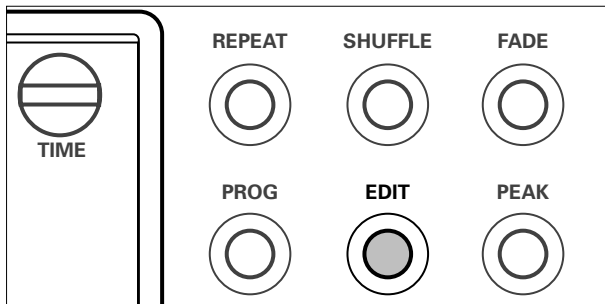
It is possible to listen to the beginning of each track of a CD or program. You can choose whether to play 10, 20 or 30 seconds of each track.

- 1 Press SCAN on the remote control repeatedly to switch through the different scan modes.
  - SCAN 10, SCAN 20, SCAN 30, SCAN OFF... (SCAN OFF aborts the scan function).
- 2 As soon as the desired scan mode is displayed do not press the button again.
  - After 1 second scanning starts. The number and remaining time of the actual track, and REM TIME are displayed.
- You can interrupt scan by pressing PAUSE . Continue scan by pressing PAUSE again.
- 3 Press STOP to stop scanning.
  - or
  - Press PLAY to start CD play with the actual track.

*Note: If you press SCAN while SHUFFLE is active, shuffle will be stopped before scanning.*

## ADDITIONAL FUNCTIONS

English



### Recording setup

It is possible to set up the CD player in a way that it will calculate which tracks will fit on your recording media. It is only possible to use the edit function if a disc has not more than 29 tracks.

If you use *NORMAL* the recording stops after the last track that fits on one side of your recording media. Notice that CD-Recordables are single-sided only! If you use *OPTIMAL* some tracks will be skipped to minimise the unused space on your recording media. The sequence of the tracks stays as the original.

- 1 Insert a CD and, if desired, program track numbers.
- 2 Press EDIT to start the setup.  
→ The display shows **EDIT** and *NORMAL*.
- 3 Press PREV. ◀◀ or NEXT ▶▶ to switch through the different scan modes.  
→ *NORMAL*, *OPTIMAL*, *STOP*... (*STOP* aborts the edit function).
- 4 As soon as the desired edit mode is displayed press EDIT.  
→ The display shows **C 90**.

- 5 Press PREV. ◀◀ or NEXT ▶▶ (PREV. ◀ or NEXT ▶ on the remote control) to switch through the different recording times and media.

→ **C 100**, **C 120**, **CDR 2 1**, **CDR 60**,  
**CDR 74**, **C 30**, **C 45**, **C 60**, **C 90**...

*Note: C is for cassette, CDR is for CD-Recordable and CD-Rewriteable and therefore for single-sided recording only.*

- 6 As soon as the desired recording time and media is displayed press EDIT.  
→ The number of tracks and the playing time are displayed.
- 7 Start your recording and press PLAY ▶ to start CD play.  
→ If cassette (C) was selected the CD player pauses after playing the calculated tracks for side A. If CD-Recordable (CDR) was selected the CD player stops.
- 8 If required switch tape sides.
- 9 Press PLAY ▶ to start CD play again.  
→ The number of tracks and the playing time are displayed. The remaining tracks for side B are played.

*Note: It is possible to switch between A and B by using PREV. ◀◀ or NEXT ▶▶.*

### Environmental information

All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

*Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.*

# TROUBLESHOOTING

## WARNING

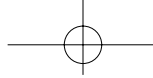
***Under no circumstances should you try to repair the CD player yourself as this will invalidate the guarantee.***

If a fault occurs, first check the points listed below before taking the set for repair.

If you are unable to solve a problem by following this checklist, consult your dealer or service center.

English

Problem	Possible cause	Solution
<b>No power</b>	Mains cable is not securely connected.	Connect mains cable properly.
<b>No or bad sound</b>	Volume is too low.	Adjust volume.
	Interference caused by electric equipment like TVs, computers, engines, etc.	Keep the CD player away from electrical equipment.
	Loose or wrong connections.	Connect the CD player correctly.
<b>No or bad headphone sound</b>	Volume is too low.	Adjust VOLUME -/+.
	Headphone plug is dirty.	Clean headphone plug.
<b>No or low quality recording</b>	Volume is too low.	Adjust VOLUME -/+.
	Loose or wrong connections.	Connect the CD player correctly.
<b>No reaction to operation of any keys</b>	Electrostatic discharge.	Disconnect the CD player from mains, reconnect after a few seconds.
<b>NO DISC is displayed</b>	No CD is inserted.	Insert a CD.
	The CD is badly scratched or dirty.	Replace or clean the CD.
	The CD is inserted upside down.	Insert CD with label upwards.
<b>DISC NOT FINALIZED is displayed</b>	The CD-RW (or CD-R) is not properly recorded for the use on a standard CD player.	Read the instruction booklet of your CD-Rewriteable (or CD-Recordable) recorder on how to finalize a recording.
	The CD is badly scratched or dirty.	Replace or clean the CD.
<b>WRONG TRACK is displayed</b>	Chosen track number is higher than the highest track number on the CD.	Key in a track number within the range of the track numbers on the CD.
<b>0 0:00 is displayed</b>	First track of the CD is longer than the first side of the chosen recording media.	Choose a recording media with a recording time longer than the first track of the CD.
<b>VOL FIX is displayed</b>	Volume is locked.	Press EDIT for more than 2 seconds to unlock the volume.
<b>CD skips tracks</b>	<b>SHUFFLE</b> or <b>PROGRAM</b> is active.	Switch off <b>SHUFFLE</b> or <b>PROGRAM</b> play.
	The CD is badly scratched or dirty.	Replace or clean the CD.
	Laser lens is dirty.	Clean with a commonly available cleaning CD.
	The laser lens is steamed up.	Wait until the lens has cleared.
<b>Remote control does not function properly</b>	Batteries are inserted incorrectly.	Insert batteries correctly.
	Batteries are flat.	Insert fresh batteries.
	Distance to the CD player is too large.	Reduce distance.



COUNTRY	COMPANY	ADDRESS
AUSTRALIA	Scan audio Pty. Ltd.	4 Station Street, Thornleigh NSW 2120, Australia
AUSTRIA	Huber & Prohaska GmbH	Taborstraße 95 / Ladestraße 1, Gebäude Hangartner, A-1200 Wien, Austria
BELGIUM	Van der Heyden Audio N.V.	Brusselbaan 278, 9320 Erembodegem, Belgium
BULGARIA	Ariescommerce GmbH	Makedonia Blvd. 16, 1606 Sofia, Bulgaria
CANADA	Lenbrook Industries Limited	633 Granite Court, Pickering, Ontario
CYPRUS	Empire Hifi systems Ltd.	P.O. Box 5604, Nicosia, Cyprus
CZECH REPUBLIC	Audio International	Fugnerova 1, 67801 Blansko, Czech Republic
DENMARK	Hi-Fi Klubben Denmark	Aboulevarde 1, DK-8000 Aarhus C., Denmark
DUBAI	V.V.& SONS	P.O. Box 105, Dubai, U.A.E.
ESTONIA	Audio International Baltic	Lo Hu 12, EE0026 Tallin, Estonia
F.Y.R.O.M.	T.P. KODI	ul.Cedomir Kantargiev 21a, Skopje, Former Yugoslavian Republic of Macedonia
FINLAND	Hi-Fi Klubi Finland	Uudenmaankatu 4-6, SF-00120 Helsinki, Finland
FRANCE	Marantz France	A division of Marantz Europe B.V., P.O. Box 301, 92 156 Suresnes Cedex, France
GERMANY	Marantz Deutschland	Hakenbusch 3, 49078 Osnabrück, Germany
GREECE	Adamco S.A.	188, Hippocratous Street, 11471 Athens, Greece
HEADQUARTERS EUROPE:	Marantz Europe B.V.	Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands
HONG KONG	Forward International Corp. Ltd.	10/F, Block B, Wo Kee Hong Building, 585-609 Castle Peak Road, Kwai Chung New Territories, Hong Kong
HUNGARY	Infovox Ltd.	Terez Krt.31, 1067 Budapest, Hungary
ICELAND	Radiobudin HF	Skipholt 19, P.O. Box 424, 121 Reykjavik, Iceland
INDIA	Marantz India	c/o Philips India Ltd., Plot 80, Bhosari Industrial Estate Pune - 411026, India
IRAN	Home Co.	5th floor no 878 Philips Building Enghelab ave, P.O. 11365/7844 Tehran, Iran
IRELAND	Marantz Ireland	Clonskeagh, Dublin 14, Ireland
ISRAEL	Elmor Ltd.	52 Heh Beiyar Street, Kikar Hamedina, Tel Aviv, Israel
ITALY	Marantz Italy	Via Casati 23, 20052 Monza (Milano), Italy, Servizio Consumatori 1678-20026, Numero Verde
JAPAN	Marantz Japan Inc.	35-1 Sagami Ohno 7-Chome, Japan
KOREA	Mk Enterprises Ltd.	121-210, 2F Shinhan Bldg., 247-17 Seokyo-dong, Mapo-ku, Seoul, Korea
KUWAIT	alAlamiah Electronics Intl.	P.O. Box 8196, Salmiah 22052, Kuwait
LATVIA	Ace Ltd.	61, LacPlesa Str., Riga LV 1011, Latvia
LEBANON	AZ Electronics S.A., 1,	P.O. Box 11 2833, Beirut, Lebanon
LITHUANIA	A Accapella Ltd.	Ausros, Vartu G5, Pasazo Skg., 2001 Vilnius, Lithuania
MALAYSIA	Wo Kee Hong Electronics Sdn. Bhd.	102 Jalan SS 21/35, Damansara Utama, 47400 Petaling Jaya, Selangordarul Ehsan, Malaysia
MALTA	Doneo Co Ltd.	78 The Strand, Sliema SLM07, Malta
MAURITIUS	SKR Electronics Ltd.	P.O. Box 685, Bell Village, Port Louis, Mauritius
NETHERLANDS	Marantz Trading	A division of Marantz Europe B.V., Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands
NEW ZEALAND	Scan audio Pty. Ltd.	4 Station Street, Thornleigh NSW 2120, Australia
NORWAY	Hi-Fi Klubben Norway	Lillegrensen 7, N-0159 Oslo, Norway
OMAN	Mustafa & Jawad Trading CO.	P.O. Box 1918, Ruwi, Oman
POLAND	Marantz Polska	Ul. Marszalkowska 45/49, 00-648 Warszawa, Poland
PORTUGAL	Corel2	Comércio de Electrónica Lda., Av. Luís Bivar, No 85 A, 1050 Lisboa, Portugal
PROFESSIONAL EUROPE	Marantz Professional Products	Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.K.
PROFESSIONAL U.S.A.	Marantz Professional Products	Distributed by: Superscope Technologies Inc., 1000 Corporate Blvd. Ste.D, Aurora, Illino
QATAR	Almana & Partners W.W.L.	P.O. Box 49, Doha, Qatar
REUNION	Vision +	180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion
ROMANIA	Alltrom SRL	Soseaua Bucuresti, Ploiesti 10, Sector 1, Bucharest, Romania
RUSSIA	Trade Company SV	Bld. 2, 7 Montazhnaya Street, 107497 Moscow, Russia
SAUDI ARABIA	Ultimate Fidelity	Sameria Comm. Center, Roadah Dist., P.O. Box 7760, Jeddah 21472, Saudi Arabia
SINGAPORE	Forward Marketing (S) Pte. Ltd.	Wo Kee Hong Centre, 29 Leng Kee Road, Singapore 159099, Singapore
SLOVAKIA	Audio International Slovakia	Nam. SNP 10, 96001 Zvolem, Slovakia
SLOVENIA	Bofex	Smartinska 152, HALA V/3, 61000 Ljubljana, Slovenia
SOUTH AFRICA	Coherent Imports (PTY) Ltd.	P.O. Box 1614, Alberton, 1450, South Africa
SPAIN	Marantz Spain	Martinez Villergas 2, Apartado 2065, Madrid 28027, Spain
SWEDEN	Hi-Fi Klubben A.B.	Tegnersgatan 21, S-412 52 Gotenborg, Sweden
SWITZERLAND	Sound Company AG	Postfach, 8010 Zürich, Switzerland
TAHITI	Covecolor	Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti
TAIWAN	Pai-Yuing Co. Ltd.	6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.
THAILAND	Marantz Standard Co. Ltd.	746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand
TURKEY	Penta Elektronik	Sanayi Ve Ticaret Ltd. Sti., Selvi Kokak, No. 4/1, Senlikkoy, 34810 Florya, Istanbul, Turkey
U.K.	Marantz Hifi UK Ltd.	Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.K.
U.S.A.	Marantz America Inc.	440 Medinah Road, Roselle, IL 60172, U.S.A.
YUGOSLAVIA	ITM	Ljutice Bogdana la, Belgrade, Yugoslavia
EXPORT	Marantz Trading	A division of Marantz Europe B.V., Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands

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