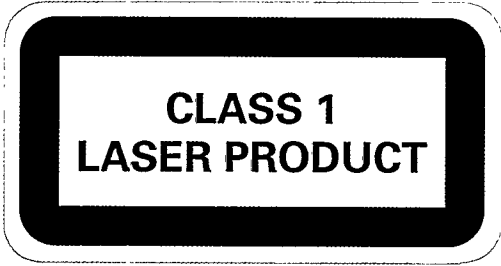


# PHILIPS

CD 710/720 Compact Disc Player





**CLASS 1  
LASER PRODUCT**

**(AUS) Australia**

Guarantee and service.....page 4

**(NZ) New Zealand**

Guarantee and service.....page 4

**(MEX) México**

**NOM**

Es necesario que lea cuidadosamente su instructivo de manejo.

	<p><b>PRECAUCION - ADVERTENCIA</b></p> <p>NO ABRIR, RIESGO DE CHOQUE ELECTRICO</p> <p><b>ATENCION</b></p> <p>VERIFIQUE QUE EL VOLTAJE DE ALIMENTACION SEA EL REQUERIDO PARA SU APARATO</p>	
<p>PARA EVITAR EL RIESGO DE CHOQUE ELECTRICO, NO quite LA TAPA: EN CASO DE REQUERIR SERVICIO, DIRIJASE AL PERSONAL AUTORIZADO DE PHILIPS.</p>		

**NOM**

Garantía.....página 4

**English.....page 5**

**Français .....page 14**

**Español .....página 23**

**中文 ..... 第 33 頁**

**Guarantee and Service valid for Australia**

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies, which, under the Trade Practices Act or other Commonwealth or State law, the purchaser or owner has in respect of the product.

The Philips product carries the following warranties:

- C-series HiFi-systems 12 months.
- Compact Disc Players: 12 months.
- Home Audio Systems: 6 months.
- Clock radios, portable radios, cassette recorders, cassette players and radio recorders: 90 days.

Any defect in materials or workmanship occurring within the specified period from the date of delivery, will be rectified free of charge by the retailer from whom this product was purchased.

**Note:** Please retain your purchase docket to assist prompt service.

**Conditions of this warranty**

1. All claims for warranty service must be made to the retailer from whom this product was purchased. All transport charges incurred in connection with warranty service or replacement will be paid by the purchaser.
2. These warranties do not cover batteries and extend only to defects in materials or workmanship occurring under normal use of the product where operated in accordance with our instructions.

**Philips Consumer Products Division,  
Technology Park  
Fitgee Drive, Australia Centre  
Homebush 2140,  
New South Wales**

**Guarantee and Service for New Zealand**

Thank-you for purchasing this quality Philips product.. Philips New Zealand Ltd guarantees this product against defective components and faulty workmanship for a period of 12 months. Any defect in materials or workmanship occurring within 12 months from the date of purchase subject to the following conditions will be rectified free of charge by the retailer from whom this product was purchased.

**Conditions**

1. The product must have been purchased in New Zealand. As proof of purchase, retain the original purchase docket.
2. The guarantee applies only to faults caused by defective components, or faulty workmanship on the part of the manufacturer.
3. The guarantee does not cover failures caused by misuse, neglect, normal wear and tear, accidental breakage, use on the incorrect voltage, use contrary to operating instructions, or unauthorised modification to the product or repair by an unauthorised technician.
4. Reasonable evidence (in the form of a sales docket) must be supplied to indicate that the product was purchased no more than 12 months prior to the date of your claim.
5. In the event of a failure, Philips shall be under no liability for any injury, or any loss or damage caused to property or products other than the product under guarantee.

This guarantee does not prejudice your rights under common law and statute, and is in addition to the normal responsibilities of the retailer and Philips.

**How to claim**

Should your Philips product fail within the guarantee period, please return it to the retailer from whom it was purchased. In most cases the retailer will be able to satisfactorily repair or replace the product. However, should the retailer not be able to conclude the matter satisfactorily, or if you have other difficulties claiming under this guarantee, please contact

**The Guarantee Controller  
Philips New Zealand Ltd.  
P.O. Box 41.021  
Auckland  
(09) 84 94 160  
fax (09) 84 97 858**

**Garantía para México**

Este aparato está fabricado con materiales de alta calidad y ha sido cuidadosamente verificado. Philips, por lo tanto, da a usted una garantía de 12 meses a partir de su fecha de compra.

La garantía ampara la reposición de las piezas defectuosas debidas a fallas en su montaje o en los materiales, incluyendo la mano de obra necesaria para su reemplazo en nuestras Sucursales o talleres autorizados.

En caso de fallas en su aparato le rogamos se sirva poner en contacto con su distribuidor.

Esta garantía no cubrirá las averías que resulten como consecuencia de una instalación incorrecta del aparato, manifiesto maltrato o uso inadecuado del mismo.

Philips se obliga a reparar y devolver a usted su aparato en un plazo no mayor de 30 días hábiles contados a partir de la fecha de haber ingresado su aparato a uno de nuestros talleres.

Con la presentación de la factura o remisión de su aparato podrá hacer efectiva la garantía.

Si usted tiene alguna duda o pregunta que no le pueda solucionar su distribuidor, por favor ponerse en contacto con:

**Oficinas Centrales de Servicio,  
Av. Coyoacán No. 1051,  
Col. del Valle,  
03100 México, D.F.  
☎ 5-75-20-22 o 5-75-01-00**

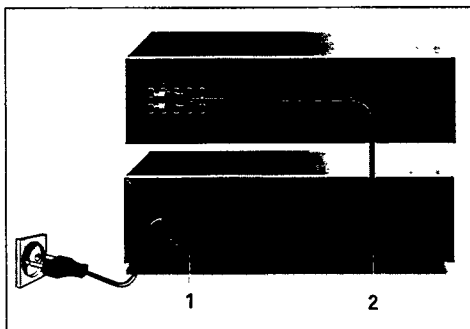
	PAGE
<b>INSTALLATION</b> .....	<b>5</b>
Power supply setting .....	5
Connections .....	5
Connecting headphones ( <i>CD720 only</i> ) .....	5
<b>FUNCTIONAL OVERVIEW</b> .....	<b>6-7</b>
Front of player .....	6
Remote control ( <i>CD720 only</i> ) .....	6
Display .....	7
Display messages .....	7
<b>PLAYBACK</b> .....	<b>8-10</b>
Normal playback .....	8
Selecting another track .....	9
Searching for a passage .....	9
Starting with a particular track .....	9
Playing the CD in random order .....	9
Repeating play .....	9
Calling up other time information .....	9
Searching the loudest passage .....	10
Setting the fade-in and fade-out time .....	10
Scanning a CD ( <i>CD720 only</i> ) .....	10
Adjusting the sound level ( <i>CD720 only</i> ) .....	10
<b>PROGRAMMING</b> .....	<b>11</b>
Storing a programme .....	11
Playing the programme .....	11
Erasing a programme .....	11
<b>ADDITIONAL INFORMATION</b> .....	<b>12</b>
Maintenance .....	12
Recycling .....	12
Technical data .....	12
<b>Troubleshooting</b> .....	<b>13</b>

## POWER SUPPLY SETTING

- Check that the type plate at the bottom of your player indicates the correct supply voltage.
- This player is equipped with a voltage selector at the bottom which enables you to set the player to the correct mains voltage.
  - Position 120 V:* for all mains voltages between 110V and 127 V.
  - Position 230 V:* for all mains voltages between 220V and 240 V.



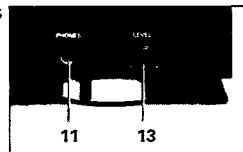
## CONNECTIONS



- 1 Mains connection**
  - Connect the mains lead to your mains supply.
- 2 Connecting cable to the amplifier**
  - Insert the red plug (right channel) and the white plug (left channel) into the corresponding sockets of the CD or AUX input of your amplifier. You can also use the TUNER or TAPE IN-connection, but *never* the PHONO input!

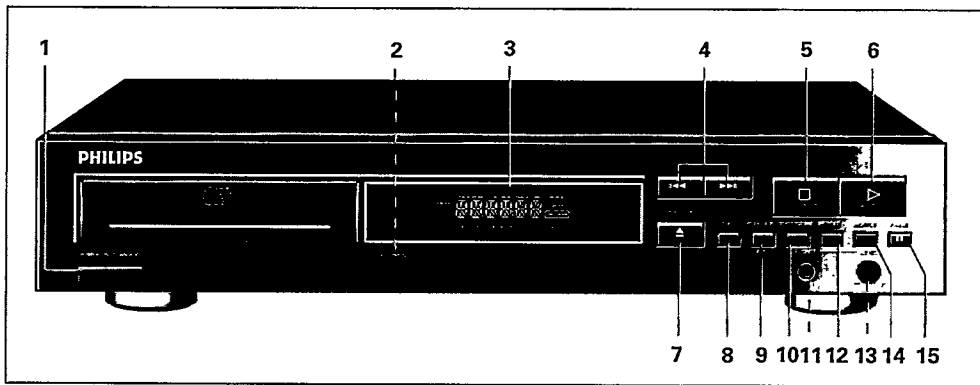
## CONNECTING HEADPHONES (*CD720 only*)

- Connect headphones with a 6.3 mm jack plug to the PHONES socket **11**.
- The sound level is adjusted with the LEVEL control **13**.



# FUNCTIONAL OVERVIEW

English



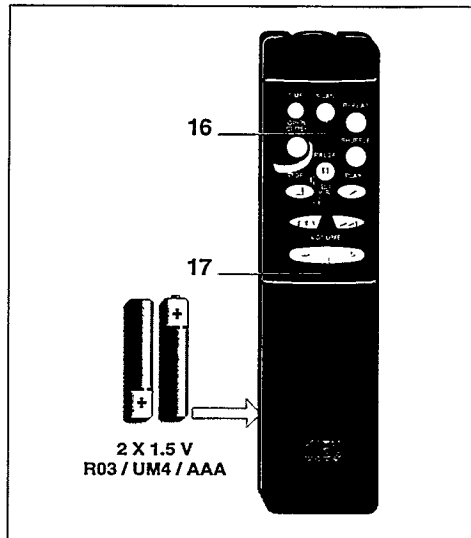
## FRONT OF PLAYER

- 1 **POWER ON/STANDBY** – Switching on and off.
- 2 **Infrared (IR) SENSOR (CD720 only)**  
Receives the signals from the remote control.
- 3 **Display** – Informs you about the functioning of the player.
- 4 **◀◀ and ▶▶**
  - Selecting another track.
  - Selecting a track to start play with.
  - Fast search to a particular passage during play.
- 5 **STOP/CP**
  - Stopping play.
  - Erasing a programme (CP = Clear Programme).
- 6 **PLAY/REPLAY**
  - Starting play.
  - Returning to the beginning of a track.
- 7 **OPEN/CLOSE** – Opening and closing the CD compartment. The compartment also closes when the front is pressed briefly.
- 8 **TIME** – Selecting the time information you want to see.
- 9 **PEAK SEARCH** – Searching the loudest passage (peak) on a CD or in a programme when making a tape recording.  
**FADER** – Fading in and out during play.
- 10 **PROGRAM**
  - Opening the memory when compiling a programme.
  - Storing tracks in a programme.
- 11 **PHONES (CD720 only)**  
Connecting headphones.
- 12 **REPEAT** – Repeating play.
- 13 **LEVEL (CD720 only)** – Adjusting the volume when listening with headphones.

- 14 **SHUFFLE** – Playback in random order.
- 15 **PAUSE** – Interrupting play.

## REMOTE CONTROL (CD720 only)

- The life of the batteries of the remote control is around one year. For replacement only use batteries of the type RO3, UM4 or AAA.
- The buttons on the remote control have the same functions as the corresponding ones on the player.
- Extra buttons:
  - 16 **SCAN** – Automatically playing the beginning of each track.
  - 17 **VOLUME +** – Adjusting the sound level when the player is connected to an amplifier or HiFi system without its own remote control.



# FUNCTIONAL OVERVIEW

## DISPLAY



### PAUSE

Lights up when play is interrupted.

(|||○ *(CD720 only)*)

Lights up when the player receives a command from the remote control.

### TRACK – Indicates:

- what track is being played;
- the number of tracks on the CD or in a programme.

### PEAK

- Flashes when the loudest passage (peak) on a CD or in a programme is being searched.
- Lights up when the loudest passage (peak) has been found.

### TRACK TIME

Indicates the elapsed playing time of the track being played.

### REM(aining) TRACK TIME

Indicates the remaining playing time of the track being played.

### TOTAL REM(aining) TIME

Indicates the remaining playing time of the CD or a programme.

### TOTAL TIME

Indicates the total playing time of the CD or a programme.

### REPEAT

Lights up when you repeat a CD or a programme.

### REPEAT 1

Lights up when you repeat a track.

### SHUFFLE

Lights up when the tracks are played in random order.

### PROGRAM

- Flashes when a programme is being compiled.
- Lights up when a programme has been stored in the player memory.

### 1-15 track number indicator

Shows the number of tracks on the CD.

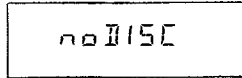
+

Lights up when there are more than 15 tracks on the CD.

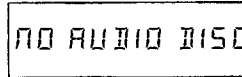
## DISPLAY MESSAGES



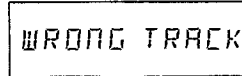
Lights up when the CD's contents list is being scanned.



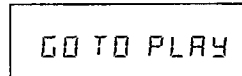
Lights up when there is no CD in the CD compartment.



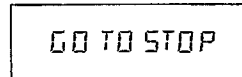
Scrolls on the display when insert a non audio CD (CD-ROM, CD-I or CDV).



Scrolls on the display if you select a non-existent track number.



Scrolls on the display if you try to activate a function for which you must first start play.



Scrolls on the display if you try to activate a function for which you must first stop play.

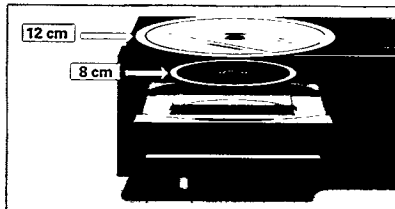
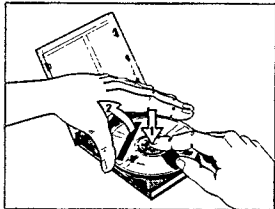
# PLAYBACK

English

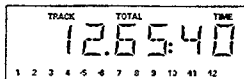
## NORMAL PLAYBACK (PLAY/REPLAY)

**NOTE!** Use only audio CDs; no CD-ROM, CD-I or CDV.

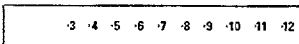
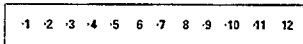
- Press POWER ON/STANDBY **1** to switch the player on.
- Open the CD compartment by pressing OPEN/CLOSE **7**.
  - OPEN lights up.
- Insert an audio CD, **printed side up**, and close the compartment by pressing OPEN/CLOSE **7**.



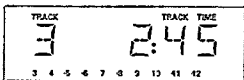
- CLOSE lights up, followed by READ. The number of tracks and the playing time of the CD are shown on the display.



- Press PLAY/REPLAY **6** to start play.  
You can also press PLAY/REPLAY immediately after inserting the CD; the compartment then closes automatically.  
You can also close the CD compartment by pressing its front; playback will then start automatically.
- The number indicator shows how many tracks are on the CD; when a track has been played its number disappears.



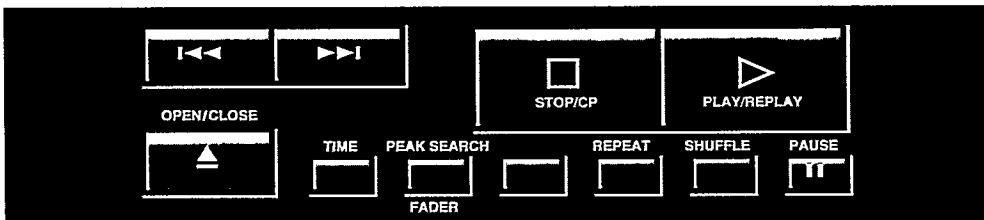
- The track being played is always shown under TRACK and its elapsed playing time is shown under TRACK TIME.



- Play will stop after the last track.
- Press POWER ON/STANDBY **1** to switch the player off.

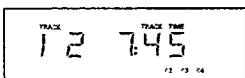
You can interrupt playback by pressing PAUSE **15**; PAUSE then lights up. Press PLAY/REPLAY **6** to restart; if you *first* press PAUSE again and *then* PLAY/REPLAY, the current track starts again from the beginning. You can also restart play by pressing SCAN **16** (on the remote control - **CD720 only**) or SHUFFLE **14**. If you press PLAY/REPLAY *during* play, the current track starts again from the beginning. You can stop playback by pressing STOP/CP **5** or OPEN/CLOSE **7**.





## SELECTING ANOTHER TRACK (◀◀▶▶)

- Press ▶▶▶ 4 or ◀◀◀ 4 (less than 0.5 seconds) until the desired track number appears under TRACK.



- The music stops and a moment later the selected track begins to play.

If you press ◀◀◀ 4, you will return to a track which has already been played.  
If you press ▶▶▶ 4, you will select any one of the following tracks.  
If you press REPEAT 12, twice the tracks will be repeated in a different order each time, although the first track played will always be the same.

## SEARCHING FOR A PASSAGE (◀◀▶▶)

- Hold ◀◀◀ 4 down to search backwards to the beginning.
- Hold ▶▶▶ 4 down to search forwards to the end.

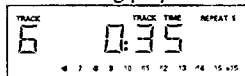
The searching speed is determined by how long a key is pressed:

- the first 2 seconds fairly slowly, with sound;
  - then at the maximum speed, with no sound.
- If you reach the end of the last track and release ▶▶▶, play will resume a few seconds before the end of the CD.

## REPEATING PLAY (REPEAT)

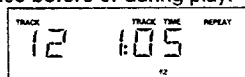
**Repeating a track:**

- Press REPEAT 12 before or during play.
- REPEAT 1 lights up; the track will now be repeated continuously.
- Press REPEAT twice to stop the track being repeated.



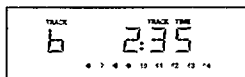
**Repeating the CD:**

- Press REPEAT 12 twice before or during play.
- REPEAT lights up; the CD will now be repeated continuously.
- Press REPEAT again to stop the CD being repeated.



## STARTING WITH A PARTICULAR TRACK (◀◀▶▶)

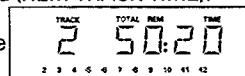
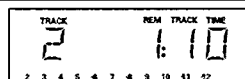
- Press ▶▶▶ 4 or ◀◀◀ 4 (less than 0.5 seconds) until the desired track number appears under TRACK.



- Press PLAY/REPLAY 6.
- Play starts from the selected track.

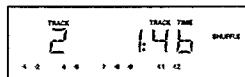
## CALLING UP OTHER TIME INFORMATION (TIME)

- Press TIME 8 whenever you want to know the remaining playing time of the track being played (REM TRACK TIME).
- Press TIME again if you wish to know the remaining playing time of the entire CD (TOTAL REM TIME).
- Press TIME again if you wish to return to the elapsed playing time indication of the current track (TRACK TIME).



## PLAYING THE CD IN RANDOM ORDER (SHUFFLE)

- Press SHUFFLE 14 before or during play.
- If the CD compartment was open, it will now close.
- SHUFFLE lights up and all the tracks are now played in a random order.
- Press SHUFFLE again if you wish to return to normal play.

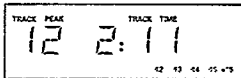
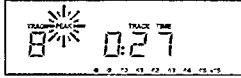


# PLAYBACK

English

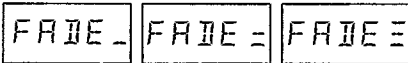
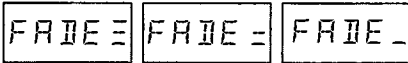
## SEARCHING THE LOUDEST PASSAGE (PEAK SEARCH)

- In **STOP** mode, press **PEAK SEARCH 9**.
- PEAK starts flashing and the CD or the programme will now be scanned for the loudest passage (the peak).
- The display shows the track being scanned and its elapsed playing time.
- When the loudest passage has been found it will be repeated continuously (from 2 seconds before the peak until 2 seconds after the peak)
- You can now adjust your recording device.
- You can stop the search by pressing **STOP/CP 5** or **OPEN/CLOSE 7**; if you press **PLAY/REPLAY 6**, the CD or the programme will be played from the beginning.



## SETTING THE FADE-IN AND FADE-OUT TIME (FADER)

- During play press **FADER 9**.
- The sound level will now gradually decrease (FADE OUT), after which the player will go into the **PAUSE** mode.
- Press **FADER** again.
- Play continues and the sound level will increase again to the originally set level (FADE IN).

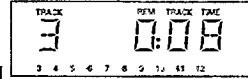


### NOTE!

The following functions can only be operated using the remote control (**CD720 only**).

## SCANNING A CD (SCAN)

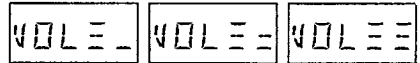
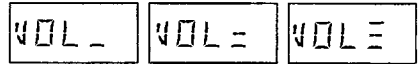
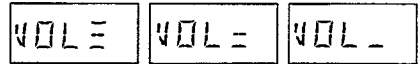
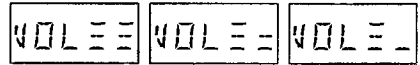
- Press **SCAN 16** before or during play.
- If the CD compartment was open, it will now close.
- **SCAN** lights up for 2 seconds and the first 10 seconds of each track are played in turn; 10 seconds are counted down each time under **REM TRACK TIME**.
- When the player reaches a track which you wish to hear in full, press **SCAN** again or **PLAY/REPLAY 6**.



## ADJUSTING THE SOUND LEVEL (- VOLUME +)

### NOTE!

- Use the **- VOLUME +** keys only if the player is connected to an amplifier or HiFi system *without* its own remote control.
- The setting chosen with **- VOLUME +** will be cancelled when the player is switched off.
- Hold **- VOLUME 17** pressed down.
- **VOL** lights up; the output signal from the player will now decrease gradually.
- The successive steps are shown on the display.
- Release the key as soon as the required sound level is obtained.
- Hold **VOLUME + 17** pressed down.
- **VOL** lights up; the output signal will now increase again gradually to the maximum level
- The successive steps are shown on the display.

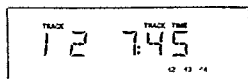


- Release the key as soon as the required sound level is obtained.

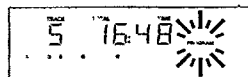
## STORING A PROGRAMME (PROGRAM and ◀◀ ▶▶)

You can store 30 tracks from each CD in any required sequence in a programme.  
*FULL* lights up if you exceed the maximum of 30 tracks.

- In STOP mode, press PROGRAM **10** to open the memory.
  - *PROGR* lights up and **PROGRAM** starts flashing.
- Press ▶▶1 or 4◀◀ (*less than 0.5 seconds*) until the first desired track number appears under TRACK.



- Press PROGRAM **10** again.
  - The track number has now been stored in the player's memory.
- Select the other track numbers required and store each track by pressing PROGRAM.
  - The number of tracks and the playing time of your programme will be shown under TRACK and TOTAL TIME.



- The track number indicator always shows which numbers have been stored.

## PLAYING THE PROGRAMME (PLAY/REPLAY)

- Press PLAY/REPLAY **6**.
- Playback starts with the first number of the programme.

All keys (except PROGRAM **10** and PEAK SEARCH **9**) can be used during programmed play.  
 Search for a particular passage is only possible within the track being played.

## ERASING A PROGRAMME (STOP/CP or OPEN/CLOSE)

- **During play:**
  - Press OPEN/CLOSE **7** or STOP/CP **5** (*twice*).
- **In STOP mode:**
  - Press OPEN/CLOSE **7** or STOP/CP **5** (*once*).
- The programme has now been erased.

# ADDITIONAL INFORMATION

English

## MAINTENANCE

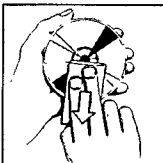
### The CDs

- Never write on the printed side of a CD.
- Do not attach any stickers to the CD.

- Keep the shiny surface of the of the disc clean.

Use a soft lint-free cloth and always wipe the disc in a straight line from centre to edge.

- Never use cleaning agents for conventional records.
- Detergents or abrasive cleaning agents should not be used either.



### The player

- A chamois leather slightly moistened with water is sufficient for cleaning the player.
- Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives.

## RECYCLING

Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

1. All redundant packaging material has been omitted. We have done our utmost to make the packaging easy separable into three mono-materials:
  - cardboard (box)
  - expandable polystyrene (buffer)
  - polyethylene (bags, protective foam sheet)
2. Your set consists of materials which can be recycled if disassembled by a specialized company.
3. Do not dispose of exhausted batteries with your household waste.

## TECHNICAL DATA

### Typical Audio Performance

Frequency range: .....2 Hz - 20 kHz  
Amplitude linearity: .....0.3 dB (20 Hz - 20 kHz)  
Phase linearity: .....4° (20 Hz - 20 kHz)  
Dynamic range: .....90 dB (1kHz)  
Signal-to-noise ratio: .....90 dB (1 kHz)  
Channel separation: .....90 dB (1kHz)  
Total harmonic distortion: .....0.003% (1kHz)  
Audio output level: .....2 Vrms  
Impedance PHONES socket (**CD720 only**):  
.....30 - 600 ohms

### Power supply

Mains voltage and frequency:  
see the type plate on the rear of the player  
Power consumption: .....< 10 W approx.  
Safety requirements: .....IEC 65

### Cabinet

Material/finish: .....metal and polystyrene  
Dimensions (w x h x d): .....435 x 90 x 300 mm  
Weight: .....4 kg approx.

**Subject to modification**

# TROUBLESHOOTING

If a fault occurs, run through the points listed below before taking your player for repair. If the fault remains, try to clear it by switching the player off and on again. If this also fails to help, consult your dealer.

**Under no circumstances should you repair the player yourself as this will invalidate the guarantee!**

SYMPTOM	POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> <li>- Playback of the CD does not start or interruption of playback.</li> </ul>	<ul style="list-style-type: none"> <li>- The CD has been loaded upside down.</li> <li>- No CD inserted.</li> <li>- The CD is badly scratched or dirty.</li> <li>- Moisture condensation on the lens.</li> </ul>	<ul style="list-style-type: none"> <li>• Reload the CD, label side up.</li> <li>• Insert a CD, label side up.</li> <li>• Clean the CD with a soft, lint-free cloth.</li> <li>• Leave the CD player in a warm environment until the moisture evaporates.</li> </ul>
<ul style="list-style-type: none"> <li>- Sound skips (at the same part).</li> </ul>	<ul style="list-style-type: none"> <li>- The CD is dirty.</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the CD with a soft, lint-free cloth.</li> </ul>
<ul style="list-style-type: none"> <li>- The CD skips tracks.</li> </ul>	<ul style="list-style-type: none"> <li>- The CD is damaged or dirty.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace or clean the CD.</li> </ul>
<ul style="list-style-type: none"> <li>- Playback does not start from the first track.</li> </ul>	<ul style="list-style-type: none"> <li>- PROGRAM or SHUFFLE activated.</li> </ul>	<ul style="list-style-type: none"> <li>• Switch off SHUFFLE or clear programme.</li> </ul>
<ul style="list-style-type: none"> <li>- No sound or bad sound.</li> </ul>	<ul style="list-style-type: none"> <li>- Loose or wrong connections.</li> <li>- Strong magnetic fields near the CD player.</li> </ul>	<ul style="list-style-type: none"> <li>• Check connections.</li> <li>• Find another place for the unit or change connections.</li> </ul>
<ul style="list-style-type: none"> <li>- No sound or bad sound on headphones <b>(CD720 only)</b>.</li> </ul>	<ul style="list-style-type: none"> <li>- Level control set to - position.</li> <li>- Headphones plug is dirty.</li> </ul>	<ul style="list-style-type: none"> <li>• Set level control</li> <li>• Clean plug.</li> </ul>
<ul style="list-style-type: none"> <li>- Remote control does not function <b>(CD720 only)</b>.</li> </ul>	<ul style="list-style-type: none"> <li>- Batteries are empty.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the batteries.</li> </ul>
<ul style="list-style-type: none"> <li>- Remote control commands are not properly received <b>(CD720 only)</b>.</li> </ul>	<ul style="list-style-type: none"> <li>- The distance between remote control and CD player is larger than 10 metres.</li> </ul>	<ul style="list-style-type: none"> <li>• Use remote control receiver EM 2200/2201.</li> <li>• Reduce the distance between remote control and CD player.</li> </ul>





**CD 710/720**

