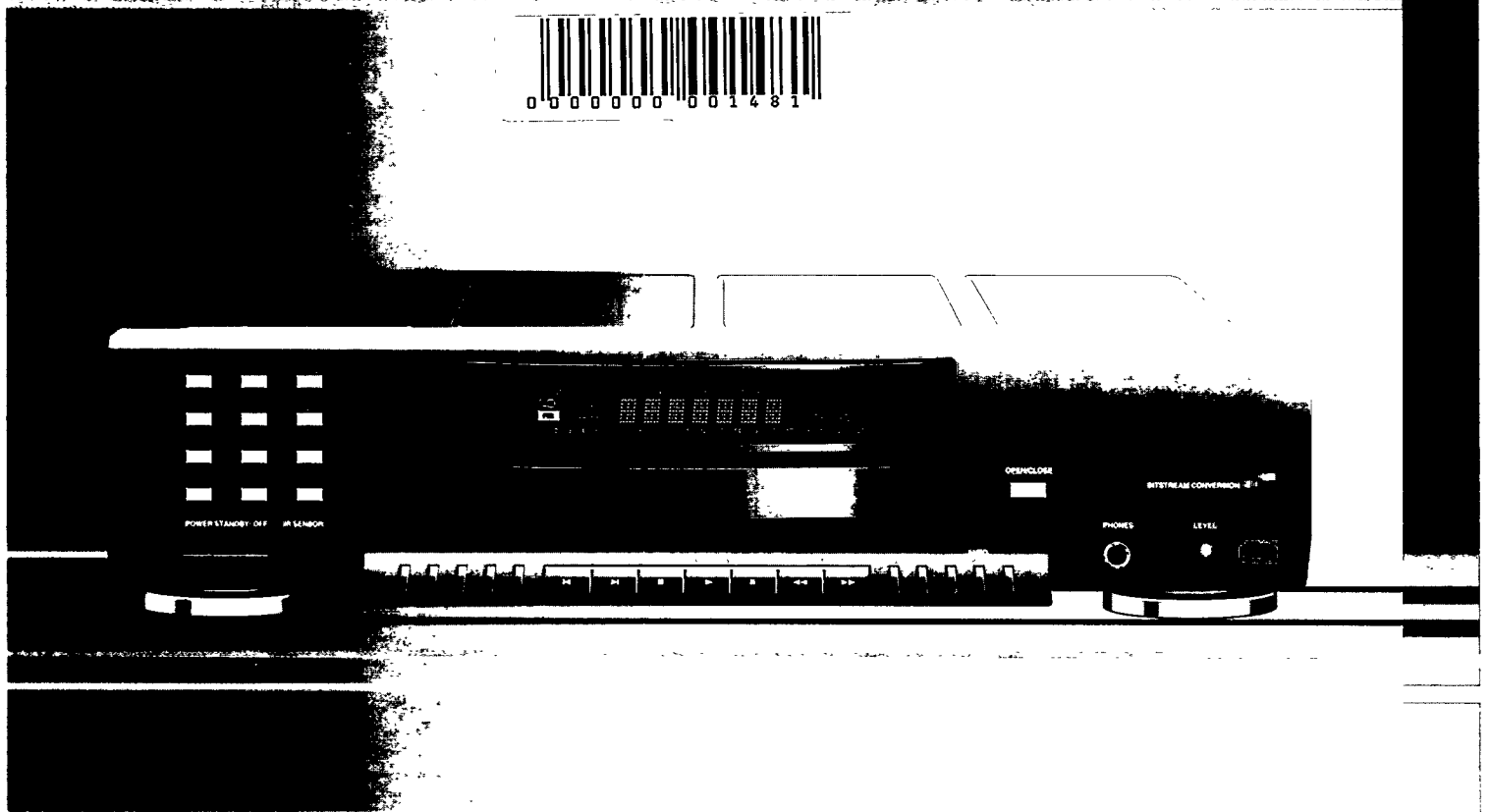


# PHILIPS



## CD 931

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# PHILIPS

**CLASS 1  
LASER PRODUCT**

**(MEX) México**

Es necesario que lea cuidadosamente su instructivo de manejo.

**NOM**



**NOM**

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Typeskilt finnes bak på apparaten.

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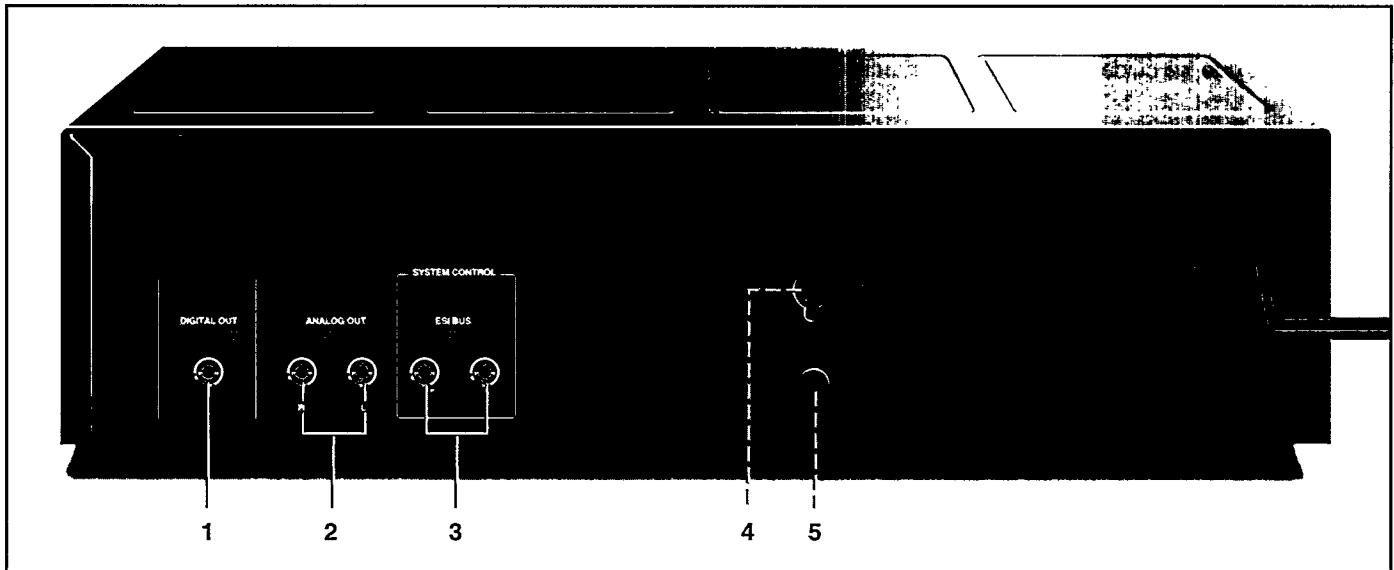
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**Svenska**

**(SF) Suomi .....sivu 74**

Tekniset tiedot .....sivu 82

**Suomi**



### Thank you for selecting the Philips CD 931 Compact Disc Player.

A Compact Disc Player of the state-of-the-art Philips 900 series, the CD 931 combines supreme playback quality with a high degree of user-friendliness.

### UNPACKING

With this player are supplied:

- a connection cable (ANALOG OUT);
- a remote control;
- batteries for the remote control;
- a cinch lead (DIGITAL OUT).
- Remove all packaging materials from the player and the accessories.

### POWER SUPPLY SETTING

- Check that the type plate on the rear of your player indicates the correct supply voltage.
- If your mains supply voltage is different, consult your dealer or our Service Organisation.

Certain versions of this player are equipped with a voltage selector (4), which enables you to set the player to the correct mains voltage yourself. When changing the voltage setting, it is also necessary to change the mains fuse (5) to one of the correct rating: T200 mA (slow blow fuse) for 110/127 V; T100 mA (slow blow fuse) for 220 V - 230 V/ 230 V - 240 V.

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

This apparatus is fitted with an approved moulded 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') 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 cord grip is clamped over the sheath of the lead - not simply over the two wires.

### CONNECTIONS

#### 1 DIGITAL OUT

This output supplies a digital signal and can therefore only be connected to an input which is suitable for this signal. Use here the cinch lead supplied.

**Never** connect this socket to a non-digital input of an amplifier, such as AUX, CD, TAPE, PHONO, etc!

#### 2 ANALOG OUT

For the connecting cable to the amplifier.

- Insert a red plug into the 'R' socket and the other plug into the 'L' socket.
- Insert the two other plugs 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!

#### 3 ESI BUS (Enhanced System Intelligence)

For connecting up the equipment when you are incorporating the player in a HiFi system with ESI BUS connection (e.g. the PHILIPS 900 series).

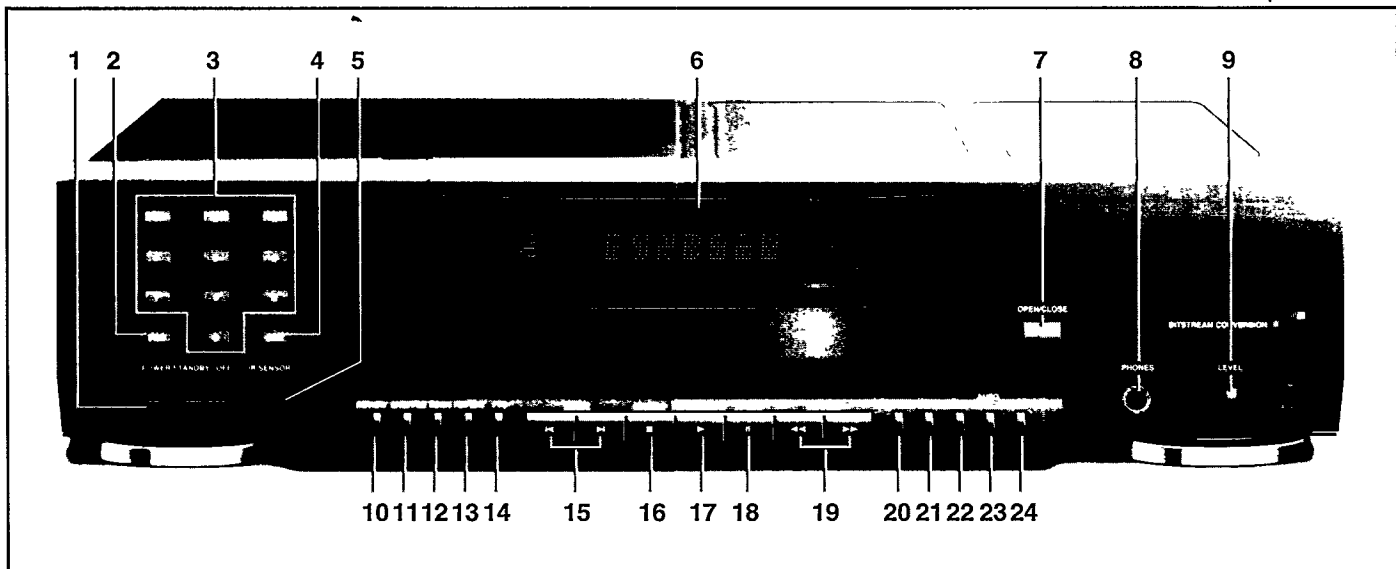
When connecting the ESI BUS to the ESI BUS of the HiFi system the CD player should be **switched off**.

#### 4 Voltage selector (*not all versions*)

See 'Power supply setting'.

#### 5 Mains fuse holder (*not all versions*)

See 'Power supply setting'.



## FRONT OF PLAYER

- 1 **POWER STANDBY/OFF** – Switching on and off.
- 2 **PRG(program)**
  - Opening and closing the memory when compiling a programme.
  - Storing a programme in the FTS memory.
- 3 **1-0 digit keys**
  - Selecting another track during play.
  - Selecting a track to start play with.
  - Selecting tracks when compiling a programme.
  - Entering the recording time when making a tape recording.
- 4 **CLR(clear)**
  - Erasing track numbers from a programme.
  - Erasing favourite track selections from the FTS memory.
- 5 **I(nfra) R(ed) SENSOR**– Receives the signals from the remote control.
- 6 **Display** – Informs you about the functioning of the player.
- 7 **OPEN/CLOSE** – Opening and closing the CD compartment. The compartment also closes when the front is pressed briefly.
- 8 **PHONES** – Connecting headphones.
- 9 **LEVEL** – Adjusting the volume when listening with headphones.
- 10 **REVIEW**
  - Checking a programme.
  - Checking the PRESETS memory.
- 11 **SHUFFLE** – Playing in random order.
- 12 **SCAN** – Automatically playing the beginning of each track.
- 13 **REPEAT** – Repeating play.
- 14 **FTS** – Activating the FTS memory (FTS = Favourite Track Selection).
- 15 **◀ TRACK ▶**
  - Selecting another track during play.
  - Selecting a track to start play with.
  - Selecting the recording time when making a tape recording.
- 16 **STOP/CP**
  - Stopping play.
  - Erasing a programme (CP = Clear Programme).
- 17 **PLAY/REPLAY**
  - Starting play.
  - Returning to the beginning of a track.
- 18 **PAUSE** – Interrupting play.

- 19 **◀◀ SEARCH ▶▶** – Fast search to a particular passage during play.
- 20 **PRESETS** – Entering personal preferred settings.
- 21 **EDIT**
  - Entering the recording time when making a tape recording.
  - Entering the playing time in the TIMER EDIT mode.
- 22 **FADER** – Fading in and out during play.
- 23 **AUTO SPACE** – Automatic insertion of an extra pause between tracks.
- 24 **TIME** – Selecting the time information you want to see.

## REMOTE CONTROL

- The buttons on the remote control have the same functions as the corresponding ones on the player; PREVIOUS = ◀ TRACK and NEXT = TRACK ▶.
- Extra keys:
  - **VOLUME +**  
Adjusting the sound level when the player is connected to an amplifier or HiFi system *without* its own remote control.
- 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.

**NOTE!**

When the CD player is incorporated in a HiFi system with ESI BUS connection the player can be operated with the remote control of the system. When connecting the ESI BUS of the CD player to the ESI BUS of the HiFi system the CD player should be **switched off**.



## SCANNING A CD (SCAN)

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

Other scan times can be entered in the PRESETS mode. For this refer to 'PERSONAL PRESETS' on page 9.

## PLAYING THE CD IN RANDOM ORDER (SHUFFLE)

- Press SHUFFLE 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.
- SHUFFLE lights up before each new track.
- Press SHUFFLE again if you wish to return to normal play.

If you press **◀** TRACK, you will return to a track which has already been played.

If you press TRACK **▶**, you will select any one of the following tracks.

If you press REPEAT, *twice* the tracks will be repeated in a different order each time, although the first track played will always be the same.

## REPEATING A TRACK (REPEAT)

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

## REPEATING THE CD (REPEAT)

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

## CALLING UP OTHER TIME INFORMATION (TIME)

- Press TIME 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).

## INSERTING AN EXTRA PAUSE (AUTO SPACE)

- Press AUTO SPACE.
- AUTOSPACE lights up; during play an extra pause will be inserted between the various tracks.
- Press AUTO SPACE again to delete the extra pause.

Other pause times can be entered in the PRESETS mode. For this refer to 'PERSONAL PRESETS' on page 9.

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

### NOTE!

The FADER function can only be used if the player is connected to the amplifier or the system via the ANALOG OUT output.

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

Other fade times can be entered in the PRESETS mode. For this refer to 'PERSONAL PRESETS' on page 9.

## ADJUSTING THE SOUND LEVEL (– VOLUME +)

### IMPORTANT!

- Use the – VOLUME + keys (on the remote control) only if the player is connected to an amplifier or HiFi system *without* its own remote control.
- The setting chosen with – VOLUME + will remain stored in the player's memory, even if the player is switched off.

- Hold – VOLUME pressed down.
- **VOLUME** 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 + pressed down.
- **VOLUME** lights up; the output signal will now increase again gradually to the maximum level.
- Release the key as soon as the required sound level is obtained.

**STORING A PROGRAMME (PROGRAMME and 1-0)**

You can store 30 tracks from each CD in any required sequence in a programme.

- In STOP mode, press PRG(program) to open the memory.
- PROGRAM lights up and PROGRAM starts flashing.
- Key in the required numbers; every number you key in will be directly included in the programme.
- Each time you key in (= store) a track number, 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.
- Press PRG(program), STOP/CP or PLAY/REPLAY to quit the PROGRAM mode.

FULL lights up if you exceed the maximum of 30 tracks.

**CHECKING THE PROGRAMME (REVIEW)**

- Press REVIEW prior to, during or after programmed play.
- REVIEW lights up.
- All the numbers appear in the programmed sequence under TRACK.
- Under TRACK TIME you will see the playing time of each track.

NO PROGRAM lights up if no track numbers have yet been stored.

With REVIEW you can proceed more rapidly to the next block of information.

**PLAYING THE PROGRAMME (PLAY/REPLAY)**

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

All keys (except EDIT, PRG(program), CLR(clear), PRESETS and FTS) 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)**

- Press STOP/CP twice or, if the CD has already stopped, just once; you can also press OPEN/CLOSE straight away.
- The programme has now been erased.

**ERASING A TRACK FROM THE PROGRAMME (CLEAR)**

- Press REVIEW before or after programmed play (STOP mode).
- REVIEW lights up.
- All the numbers appear in the programmed sequence under TRACK.
- Press CLR(clear) as soon as the number you wish to erase appears.
- The number disappears from the number indicator; it has now been erased.
- The display shows the remaining programme time for a few seconds.

A programme can also be stored in the player's permanent (FTS) memory. Your favourite track selection of a given CD can then be called up and played whenever you wish. The selection will remain stored in the FTS memory even if you play the entire CD or compile a different programme from it. The number of CDs which can be stored in the FTS memory depends on the number of tracks in each programme.

**NOTE!**

The FTS button must always be used together with other buttons. After pressing FTS, the message FTS PROGRAM-PLAY-SHUFFLE-CANCEL appears on the display twice. Press the next button **within the time** this message is displayed otherwise the player will go back to the STOP mode.

**STORING A FAVOURITE SELECTION (FTS and PROGRAM)**

- Press FTS.
- FTS starts flashing.
- FTS PROGRAM-PLAY-SHUFFLE-CANCEL appears on the display twice.
- Press PRG(program) to open the memory.
- Compile your programme as described in the 'PROGRAMMING' section.
- Press PRG(program) again.
- FTS lights up, with next to it the ranking number of this programme.
- The selection is now stored in the FTS memory under this number.

**NOTE!**

- If a selection of a particular CD has already been stored, then it is automatically erased and the new selection is stored under the old ranking number.
- If NO SPACE appears, then the FTS memory is full you must erase one or more old FTS programmes to make room to store the new programme.

**FTS PROGRAMMED PLAY (FTS and PLAY/REPLAY)**

- Press FTS.
- FTS starts flashing.
- FTS PROGRAM-PLAY-SHUFFLE-CANCEL appears on the display twice.
- Press PLAY/REPLAY.
- The chosen selection will now be played.
- Press STOP/CP twice if you wish to revert to normal play.

If NO FTS PROGRAM appears, no favourite selection has been stored.

All keys (except EDIT, PRG(program), CLR(clear), PRESETS and FTS) can be used while a favourite selection is being played. Search for a passage is only possible in the track which is being played.



### ERASING A FAVOURITE TRACK SELECTION (FTS and CLEAR)

- Press FTS.
- FTS starts flashing.
- FTS PROGRAM-PLAY-SHUFFLE-CANCEL appears on the display twice.
- Press CLR(clear).
- CLF 000 lights up.
- Select the ranking number of the selection you wish to erase, by using TRACK ► or ◀ TRACK.
- Press CLR(clear) again.
- FTS CANCELLED lights up.
- The selection has now been erased.

#### If you do not know the ranking number:

- Load the CD and close the CD compartment.
- Press FTS.
- FTS starts flashing.
- FTS PROGRAM-PLAY-SHUFFLE-CANCEL appears on the display twice.
- Press CLR(clear).
- CLF lights up with next to it the ranking number of this selection.
- Press CLR(clear) again.
- FTS CANCELLED lights up.
- The selection has now been erased.

### ERASING THE ENTIRE FTS MEMORY (FTS, REPEAT and CLEAR)

- Press FTS.
  - FTS starts flashing.
  - FTS PROGRAM-PLAY-SHUFFLE-CANCEL appears on the display twice.
  - Press REPEAT and CLR(clear) *simultaneously*.
  - CLF ALL lights up.
  - Press CLR(clear) again.
  - CANCELLED lights up followed by ALL FTS CANCELLED.
  - The entire FTS memory has now been erased.
- FTS ACTIVE lights up if you press any other button.

### PERSONAL PRESETS (PRESETS)

In the PRESETS mode you can store your preferred settings for a number of functions in the player's memory. All settings will remain stored in the memory, even if you switch it off. PRESETS ACTIVE lights up if you press a 'wrong' key while setting.

#### Opening the PRESETS memory

- Press PRESETS.
- PRESETS REVIEW-FADER-SPACE-SCAN-PLAY appears on the display twice.
- While this message is being displayed the PRESETS memory is open. The first setting should therefore be selected **within this time**, otherwise the player will go back to STOP mode. You can now set the following functions in any required order:

#### Fade-in and fade-out time (FADER)

- Press FADER.
- FADER lights up with next to it the set fade-in/fade-out time.
- Key in the required time; minimum 2 seconds and maximum 10 seconds.
- PRESET STORED lights up; the fade-in/fade-out time has now been set.
- Select the next setting or press STOP/CP, PRESETS or FADER again to go back to STOP mode.

#### Scan time (SCAN)

- Press SCAN.
- SCAN lights up with next to it the set scan time.
- Key in the required time; minimum 10 seconds and maximum 30 seconds.
- PRESET STORED lights up; the scan time has now been set.
- Select the next setting or press STOP/CP, PRESETS or SCAN again to go back to STOP mode.

#### Extra pause (AUTO SPACE)

- Press AUTO SPACE.
- SPACE lights up with next to it the set pause time.
- Key in the required pause time; minimum 0 seconds and maximum 9 seconds.
- PRESET STORED lights up; the extra pause has now been set.
- Select the next setting or press STOP/CP, PRESETS or AUTO SPACE again to go back to STOP mode.

#### Play mode (PLAY)

Depending on what play mode you select, after switching on the player or closing the CD compartment by hand, play will automatically begin with:

- the whole CD (AUTO-PLAY);
- the tracks of the CD in a random order (AUTO-SHUFFLE);
- the FTS programme of the CD (AUTO-FTS-PLAY);
- the FTS programme in a random order (AUTO-FTS-SHUFFLE);

If you select AUTO-STOP, then you must start play yourself with PLAY/REPLAY, SHUFFLE or SCAN.

- Press PLAY/REPLAY.
- AUTO STOP-PLAY-SHUFFLE-FTS appears on the display twice.
- Select the required play mode **within the time** this message is displayed, otherwise the player will go back to STOP mode.
- If you press STOP/CP (= AUTO-STOP), PLAY/REPLAY (= AUTO-PLAY) or SHUFFLE (= AUTO-SHUFFLE), then PRESET STORED lights up; the play mode has been set.
- If you press FTS, then FTS PLAY-SHUFFLE appears on the display.
- You can now select AUTO-FTS-PLAY or AUTO-FTS-SHUFFLE by pressing the PLAY/REPLAY or SHUFFLE button.
- PRESET STORED lights up; the (FTS) play mode has been set.
- Select the next setting or press STOP/CP, PRESETS or FTS again to go back to STOP mode.

**Checking the PRESETS memory (REVIEW)**

As long as the player is in the PRESETS mode you can check the PRESETS memory:

- Press REVIEW.
- PRESETS lights up; all settings will now be shown on the display.
- With REVIEW you can proceed more rapidly to the next block of information.
- PRESETS REVIEW-FADER-SPACE-SCAN-PLAY appears on the display twice.
- Press STOP/CP or PRESETS again to go back to STOP mode.

**EDIT**

The EDIT function has two recording modes (EDIT and EDIT OPTIMAL) and one play mode (TIMER EDIT).

In the EDIT and EDIT OPTIMAL mode you can store the recording time of the tape in the player memory.

In the TIMER EDIT mode you can store a required playing time.

EDIT – The player will determine which tracks fit on one side of the tape and will stop after the last track.

EDIT OPTIMAL – The player will now make optimal use of the available recording time by e.g. recording a track for side B on side A if there is still some recording time left.

TIMER EDIT – Towards the end of the entered playing time the sound level will gradually decrease according to the set FADE time (PRESETS). If necessary, the CD or the programme will be partly repeated to fill the entered time.

**NOTE!**

- The EDIT function **cannot** be used for CDs containing more than 29 tracks.
- The – VOLUME + keys may **not** be used during recording (EDIT and EDIT OPTIMAL) as they affect the strength of the signal from the player.

**Recording in the EDIT (OPTIMAL) mode:**

- In STOP mode, press EDIT *once* to select the (normal) EDIT mode or *twice* to select the EDIT OPTIMAL mode.
- EDIT or OPTIMAL lights up.
- With ◀ TRACK ▶ you can now select the required recording time: C 30, C 45, C 60, C 90, C 100 or C 120. Other recording times can be selected using the 1-0 digit keys.
- A lights up and the track number indicator shows which tracks fit onto side A of the tape.
- You can now record the entire CD or a programme from it.
- Press PLAY/REPLAY.
- The numbers for side A of the tape will be played one after the other.
- After each track the pause time set in the PRESETS mode (AUTO SPACE) will be inserted.
- AUTOSPACE lights up.
- After the last track play will stop.
- B lights up and the track number indicator now indicates the tracks for side B.
- Turn the tape over.
- Press PLAY/REPLAY.
- The remaining tracks will now be played.

**NOTE!**

- As soon as you press PLAY/REPLAY the other player functions (except TIME and REVIEW) will temporarily be switched off to prevent the recording being interfered with; EDIT ACTIVE lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP/CP or OPEN/CLOSE; EDIT CANCELLED then lights up.
- Should the CD or the programme be longer than the *total* recording time of the tape, play will stop after the last track that fits onto side B of the tape.

**Playback in the TIMER EDIT mode:**

- Press EDIT *three times* (in STOP mode).
- TIMER EDIT lights up and *TIMER* appears on the display.
- Select the required playing time with ◀ TRACK ▶ or the 1-0 digit keys: 30 MIN, 45 MIN, 60 MIN, 90 MIN, 100 MIN or 120 MIN.
- The track number indicator indicates the tracks (of the CD or the programme) which will be played during the entered time.
- Press PLAY/REPLAY.
- You can also start play by pressing SHUFFLE; the tracks will then be played in a random order.
- Towards the end of the entered playing time the sound level will gradually decrease. If necessary, the CD or the programme will be partly repeated to fill the entered time.
- At the end of the fade-out time play will stop.

**NOTE!**

- As soon as you press PLAY/REPLAY or SHUFFLE the other player functions (except TIME and REVIEW) will temporarily be switched off; EDIT ACTIVE lights up if you press one of the other buttons during play
- You can stop playback by pressing STOP/CP or OPEN/CLOSE; EDIT CANCELLED then lights up.

**LISTENING WITH HEADPHONES (PHONES)**

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

**ENHANCED SYSTEM INTELLIGENCE (ESI)**

If the player is connected via the ESI BUS sockets to the ESI BUS sockets of a HiFi system (e.g. the PHILIPS 900 series), the player can be operated via the remote control of the system. In addition, the functions mentioned below are then accessible (if available in the system):

**NOTE!**

When connecting the ESI BUS to the ESI BUS of the HiFi system the CD player should be **switched off**.

**CD DUBBING (synchronized recording)**

- Set the player to the STOP, EDIT or EDIT OPTIMAL mode.
- Press CD SYNC. (CD DUBBING) on the cassette deck.
- Playback starts but nothing is being recorded yet; you can now adjust the recording level.
- Press PLAY on the deck.
- Recording starts and after 6 seconds play starts again at the beginning of the CD or the programme.
- After each track the pause time set in the PRESETS mode (AUTO SPACE) will be inserted.
- At the end of side A of the tape, play will stop; the current track will be recorded again on side B of the tape (except when EDIT or EDIT OPTIMAL is active).
- After the last track playback and recording will stop.

**NOTE!**

- As soon as you start recording, the other player functions (except TIME and REVIEW) will temporarily be switched off to prevent the recording being interfered with; **CD DUBBING ACTIVE** lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP/CP or OPEN/CLOSE, **CD-DUBBING CANCELLED** then lights up
- During dubbing the volume set with – VOLUME + will be cancelled and returned to the sound level set on the amplifier. The – VOLUME + keys may **not** be used during dubbing as they affect the strength of the signal from the player.
- The CD DUBBING function will be cancelled if the CD player (or the system) is set to STAND BY mode

**AUTOMATIC SOURCE SELECTION**

If the AUTO SELECT button on the amplifier is pressed, the CD player will automatically be activated as soon as you press PLAY/REPLAY, SCAN or SHUFFLE.

**AUTOMATIC STOP**

If the AUTO SELECT button on the amplifier is pressed, the CD player will automatically go into the PAUSE mode as soon as another source in the system is selected (except when EDIT or CD DUBBING is active).

**STAND BY**

- With the STAND BY button on the remote control of the system you can set the player to STAND BY mode. The player will go to STAND BY mode automatically if the whole system is set to STAND BY mode.
- If the CD compartment was open, it will now close.
- Any programme present will be erased.
- Press any of the following buttons to cancel the STAND BY mode: PLAY/REPLAY, STOP/CP, SCAN, SHUFFLE, 1-0, EDIT, OPEN/CLOSE, ◀ TRACK ▶, FTS, PRESETS or PRG(program).

**TIMER**

- Using the TIMER function you can have playback (of a CD or a programme) started at a particular time; for this refer to the operating instructions of the tuner (e.g FT930).
- **TIMER CANCELLED** lights up if there is no CD in the CD compartment at the moment playback is supposed to start or if you press any button during playback in the TIMER mode.

**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 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.

**FAULTS AND THEIR LIKELY CAUSES**

If a fault occurs, run through the points listed below before taking your player for repair. Check whether:

- condensation has formed on the lens of the laser due to a dramatic change in temperature; this will disappear automatically after some time;
- the CD has been inserted correctly with the printed side up and that there is a CD in the compartment;
- the CD is dirty, badly scratched or warped;
- the player has been connected to the PHONO socket of the amplifier;
- the sound level of the CD player has been set at normal level. See 'ADJUSTING THE SOUND LEVEL' to change the setting.

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!***

**TECHNICAL DATA****Typical Audio Performance**

Frequency range: ..... 2 Hz - 20 kHz  
 Amplitude linearity: ..... 0.03 dB (20 Hz - 20 kHz)  
 Phase linearity: ..... 0.5° (20 Hz - 20 kHz)  
 Linearity on - 90 dB: ..... 0 dB  
 Dynamic range: ..... 97 dB  
 Signal-to-noise ratio: ..... 112 dB (A-weighted)  
 Channel separation: ..... 105 dB  
 Total harmonic distortion: ..... 0.0018%  
 D/A conversion: Bitstream conversion (128 x oversampling, 1 bit, 3rd order noise shaper), in differential mode  
 Audio output level: ..... 2 V<sub>rms</sub>  
 Impedance PHONES socket: ..... 8 - 1000 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 with decorative trim  
 Dimensions (w x h x d): ..... 435 x 106 x 300 mm  
 Weight: ..... 4 kg approx.

***Subject to modification***

***This Compact Disc player complies with radio interference requirements as laid down in EC regulations.***

**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  
Figtree 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 invoice or cash receipt indicating the date of purchase.
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 or completed guarantee card) 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

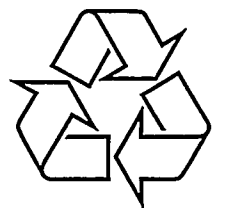
**The Guarantee Controller  
Philips New Zealand Ltd.  
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☎ (09) 84 94 160  
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