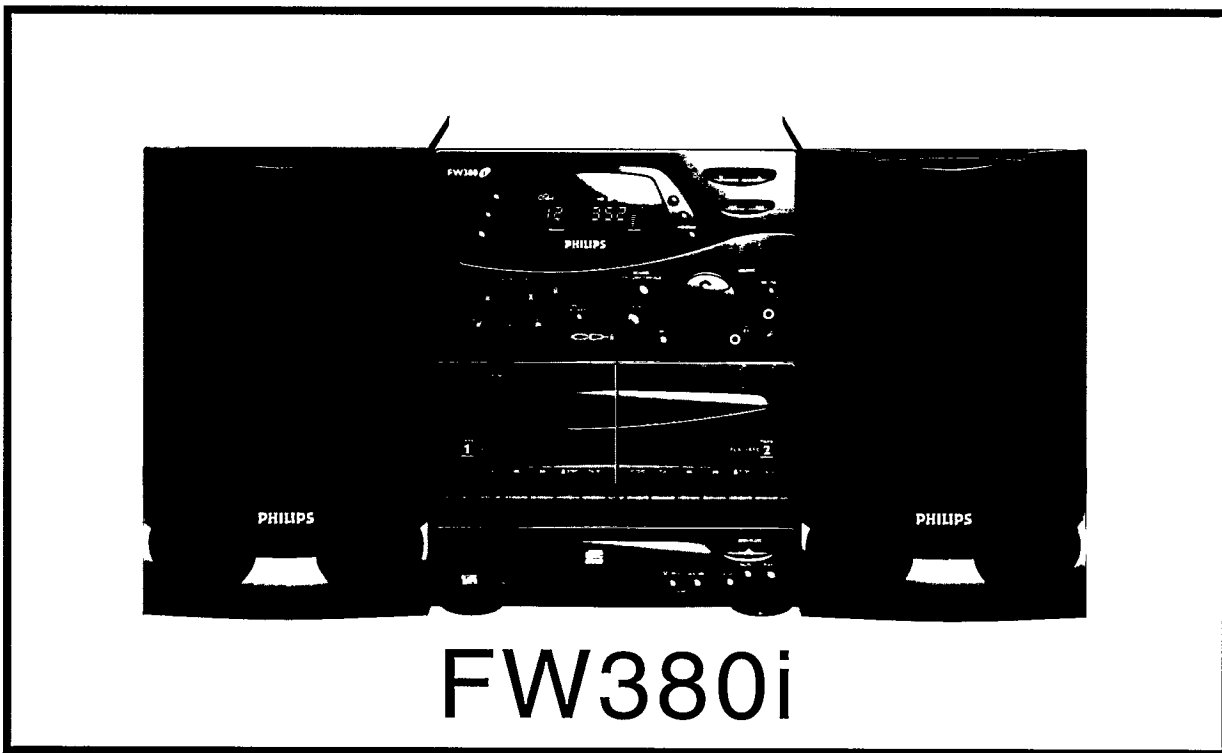




PHILIPS



FW380i

- GB** User manual
- F** Mode d'emploi
- E** Manual del propietario
- NL** Gebruiksaanwijzing
- D** Bedienungsanleitung
- I** Manuale d'uso
- P** Manual de Utilização

IMPORTANT NOTE

DK

<p>ADVARSEL!</p> <p>Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.</p>
<p>ADVARSEL!</p> <p>Lithiumbatteri - Eksplosionsfare. Udskiftning må kun foretages af en sagkyndig, og som beskrevet i servicemanualen.</p>

Advarsel:

Usynlig laserudstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

Bemærk:

Netafbryderen POWER er sekundært indkoblet og afbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

N

Observer:

Nettbryteren POWER er sekundært innkopleet. Den innebygdenetdelen er derfor ikke frakopleet nettet så lenge apparatet er tilsluttet nettkontakten.

S

Klass 1 laserapparat

Varning!

Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kann användaren utsättas för osynlig laserstråling, som överskrider gränsen för läserklass 1.

Observera!

Strömbrytaren POWER är sekundärt kopplad och inte bryter strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF

Luokan 1 laserlaite + Klass 1 laserapparat

Varoitus!

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

Huom.

Toiminnanvalitsin POWER on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

GENERAL INFORMATION

IMPORTANT NOTE FOR USERS IN THE UK

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

1. Remove fuse cover and fuse.
2. Fit new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Re-fit 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 covered plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

How to connect a plug

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

Blue - 'Neutral' (N); Brown - 'Live' (L)

1. The Blue wire must be connected to the terminal which is marked with the letter 'N' or coloured Black.
2. The Brown wire must be connected to the terminal which is marked with the letter 'L' or coloured Red.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter 'E' or by the safety earth symbol or coloured green or green-and-yellow.

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

Copyright:

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

DECLARACION DE CONFORMIDAD CON NORMAS

El que suscribe, en nombre y representación de:

PHILIPS IND. ACT. HASSELT

declara, bajo su propia responsabilidad, que el

equipo: Minisistema con reproductor de CD-i

fabricado por: PHILIPS IND. ACT. HASSELT

en: EEC

marca: Philips

modelos: FW 380i

objeto de esta declaración, cumple con la normativa siguiente:
Reglamento sobre Perturbaciones Radioeléctricas, Real Decreto 138/1989, Anexo V.

Hecho en: Hasselt

Firma:

Nombre: BENNY PONCELET

Cargo: SAFETY & APPROBATION OFFICER

For Customer Use:

Read carefully the information located at the rear plate of your CDI player and enter below the Serial N°.

Retain this information for future reference.

Model N°. FW 380i

Serial N°.....

LASER SAFETY: This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.



The FW380i is in conformity with the EMC directive and low-voltage directive.

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

**CLASS 1
LASER PRODUCT**

**KLASS 1
LASERAPPARAT**

**LUOKAN I
LASERLAITE**

GENERAL INFORMATION

GB

- This product complies with the radio interference requirements of the European Community.
- The typeplate is located on the rear of the set.
- To disconnect the set from the mains completely, withdraw the mains plug from the wall socket.
- Recording is permissible insofar as copyright or other rights of third parties are not infringed.

- 1 All redundant packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono-materials:
 - cardboard (box)
 - expandable polystyrene (buffer)
 - polyethylene (bags, protective foam sheet)Please observe the local regulations regarding the disposal of these packaging materials.
- 2 Your set consists of materials which can be recycled and reused if disassembled by a specialized company. Please inquire about local regulations on how to hand in your old set for recycling.
- 3 Do not dispose of exhausted batteries with your household waste. Please inquire about how to dispose of batteries according to local regulations.
- 4 Note: Switching off the standby mode overnight will save energy.

F

- Cet appareil est conforme aux prescriptions de la Communauté Européenne relatives à la limitation des perturbations radioélectriques.
 - La plaque signalétique se trouve à l'arrière de l'appareil.
 - Pour séparer complètement l'appareil du secteur, il faut retirer la fiche de la prise murale.
 - Propriété littéraire et artistique
Sur le territoire français, les articles 40 et 41 de la loi du 11/03/1957 sont applicables.
 - L'enregistrement n'est autorisé que dans la mesure où les droits d'auteurs ne sont pas enfreints.
- 1 Tous les matériaux d'emballage superflus ont été supprimés. Nous avons fait notre possible afin que l'emballage soit facilement séparable en trois types de matériau :
 - carton (boîte)
 - polystyrène expansible (matériel tampon)
 - polyéthylène (sachets, panneau en matière plastique cellulaire de protection)Veillez observer les règlements locaux lorsque vous vous débarrassez de ces matériaux d'emballage.
 - 2 Votre appareil est composé de matériaux pouvant être recyclés et réutilisés s'il est démonté par une firme spécialisée. Veuillez vous informer sur les règlements locaux et sur la manière de rendre votre ancien appareil à des fins de recyclage.
 - 3 Ne jetez pas les piles usées avec vos déchets ménagers. Informez-vous de la manière dont vous débarrasser des piles conformément aux règlements locaux.
 - 4 Remarque : Le fait de mettre le mode de veille hors tension pendant la nuit est un bon moyen d'économiser l'énergie.

E

- Este aparato cumple los requisitos de la Comunidad Europea sobre interferencias de radio.
 - La placa tipo está situada en la parte inferior del aparato.
 - Para desconectar el aparato completamente de la red, saque la clavija del enchufe mural.
 - La grabación sólo está permitida siempre y cuando no se lesionen los derechos de autor u otros derechos de terceros.
- 1 Se ha suprimido todo el material de embalaje innecesario. Hemos hecho todo lo posible por que el embalaje pueda separarse fácilmente en tres materiales independientes:
 - cartón (caja)
 - poliestireno expandible (amortiguación)
 - polietileno (bolsas, plancha de espuma protectora)Observe las disposiciones locales referentes a la eliminación de estos materiales de embalaje.
 - 2 Los materiales que componen el equipo son reciclables y reutilizables si son desmontados por una empresa especializada. Infórmese sobre las normativas locales referentes a la forma de entregar su antiguo equipo para el reciclaje.
 - 3 No tire al cubo de la basura las pilas usadas. Infórmese sobre cómo deshacerse de las pilas usadas de acuerdo con las normativas locales.
 - 4 Observación: La desconexión del modo de espera durante la noche supondrá un ahorro de energía.

NL

- Dit apparaat voldoet aan de radiostoringseisen van de Europese Gemeenschap.
 - Het typeplaatje zit op de achterkant van het apparaat.
 - Als u de netvoeding helemaal wilt uitschakelen moet u de netstekker uit het stopcontact trekken.
 - Opnemen is slechts geoorloofd als geen inbreuk wordt gemaakt op auteursrechten.
- 1 Alle overtollige verpakkingsmateriaal is weggelaten. Wij hebben ons uiterste best gedaan om de verpakking zodanig te maken dat deze gemakkelijk in de volgende drie monomaterialen te scheiden is:
 - karton (doos)
 - uitzetbaar polystyreen (buffer)
 - polyethyleen (zakken, beschermende schuimlaag)Neem de plaatselijke voorschriften in acht met betrekking tot het weggooiën van dit verpakkingsmateriaal.
 - 2 Dit apparaat bestaat uit materialen die gerecycleerd en opnieuw gebruikt kunnen worden mits het door een gespecialiseerd bedrijf gedemonteerd wordt. Informeer bij de plaatselijke autoriteiten hoe u uw oude apparaat voor recyclage moet inleveren.
 - 3 Gooi lege batterijen niet weg bij het huisvuil. Informeer bij de plaatselijke autoriteiten hoe u uw oude batterijen moet wegdoen.
 - 4 Opmerking: U kunt energie besparen door 's nachts de wachtstand ("stand-by") uit te schakelen.

Dit apparaat is uitgerust met een Lithium batterij welke niet hoeft vervangen te worden tijdens de normale levensduur van het apparaat. Deze batterij kan niet door uzelf worden verwijderd. Voor meer informatie kan u terecht bij de Philips Service organisatie.

D

- Dieses Gerät entspricht den Funkentstörvorschriften der Europäischen Gemeinschaft.
 - Das Typenschild befindet sich hinten am Gerät.
 - Zur vollständigen Trennung vom Netz, den Netzstecker aus der Steckdose ziehen.
 - Die Aufnahme ist nur im Rahmen der Urheberrechte oder anderer Rechte Dritter zulässig.
- 1 Überflüssiges Verpackungsmaterial wurde vermieden. Wir haben unser möglichstes getan, damit die Verpackung leicht in drei Monomaterialien aufteilbar ist:
 - Wellpappe (Schachtel)
 - expandierbares Polystyrol Styropor® (Puffer)
 - Polyäthylen (Taschen, Schaumstoffolien)Bitte informieren Sie sich darüber, wie Sie diese Verpackungsmaterialien entsprechend den örtlichen Bestimmungen entsorgen können.
 - 2 Ihr Audioset besteht aus Materialien, die von darauf spezialisierten Betrieben wiederverwertet werden können. Bitte informieren Sie sich darüber, wie Sie Ihr altes Gerät entsprechend den örtlichen Entsorgungsbestimmungen einem Recyclingverfahren zuführen können.
 - 3 Werfen Sie keine Batterien in den Hausmüll! Bitte erkundigen Sie sich, wie die Batterien gemäß den örtlichen Bestimmungen entsorgt werden sollen.
 - 4 Anm.: Durch das Abschalten der "Bereitschaft" (standby) in der Nacht sparen Sie Energie.

I

- Questo apparecchio è conforme al D.M. 13.4.1989 (Direttiva CEE/87/308) sulla soppressione dei radiodisturbi.
 - La matricola si trova dietro l'apparecchio.
 - Per disattivare completamente l'alimentazione a rete sfilate la spina dalla presa di rete.
 - La registrazione è permessa solo quando vengono rispettati i diritti d'autore.
- 1 Tutto il materiale di imballaggio superfluo è stato eliminato. Abbiamo fatto tutto il possibile per rendere l'imballaggio facilmente separabile in tre singoli materiali:
 - cartone (scatola)
 - polistirolo espanso (protezione)
 - polietilene (sacchetti, foglio protettivo in schiuma di lattice)Per lo smaltimento di questi materiali di imballaggio, attenersi alle norme di legge vigenti a livello locale.
 - 2 L'apparecchio è costituito da materiali che possono essere riciclati e riutilizzati se disassemblati da una società specializzata. Per lo smaltimento del vecchio apparecchio con procedure idonee per il riciclaggio, attenersi alle norme di legge vigenti a livello locale.
 - 3 Non buttare le batterie scariche assieme ai rifiuti domestici. Informarsi sulle norme di legge vigenti a livello locale in materia di smaltimento batterie.
 - 4 Nota: Commutando di notte l'apparecchio nel modo standby, si ottiene un notevole risparmio di energia.

P

- Este equipo cumple las Directrices 82/499 de la C.E.
- 1 Todos os materiais de embalagem redundantes foram excluídos. Nós fizemos o máximo para criar uma embalagem facilmente separável em três tipos de materiais:
 - papelão (caixa)
 - polistireno expansível (protetor)
 - polietileno (sacolas, folhas de espuma protetora)Por favor, observe os regulamentos locais quanto ao destino a ser dado a este material de embalagem.
 - 2 Este equipamento consiste de materiais que podem ser reciclados e reutilizados, caso desmontados por companhias especializadas. Favor informar-se a respeito dos regulamentos locais sobre como encaminhar o seu equipamento velho para reciclagem.
 - 3 Não jogue as pilhas exauridas junto com o seu lixo doméstico comum. Favor informar-se quanto à maneira de remover as pilhas de acordo com os regulamentos locais.
 - 4 Nota: Desligar o modo de prontidão durante a noite é uma forma de economizar energia.

English

Ⓒ English.....page 5

Français

Ⓕ Françaispage 23

Español

Ⓔ Españolpágina 41

Nederlands

Ⓖ Nederlands.....pagina 59

Deutsch

Ⓓ Deutsch.....Seite 77

Italiano

Ⓘ Italiano.....pagina 95

Português

⒫ Portuguêspag. 113

INTRODUCTION

We are pleased to introduce you one of the most innovative products available today: the Compact Disc Interactive/Audio combination. In this unique mini-system CD-i and audio join forces for the very first time. Here is all the fun and fascination of a multimedia interactivity, supported by all the functionality of a stereo combination. All you have to do is connect the system's own speakers, and hook up the television.

Your CD-i mini-system also plays CD-DA (audio compact discs) and Audio tracks from CD-ROM discs. In addition it can play the following disc types: Photo CD, CD-i Ready, CD Bridge and CD Graphics (CD+G).

By simply plugging in the optional Digital Video Cartridge, you can upgrade the player to run interactive Digital Video titles including movies, music videos and high-power action games as well as Video CD's.

A wide variety of optional accessories enhances its flexibility. Contact your supplier.

We are confident that you will find this product surprisingly easy to use, and quite unique in its fascination.

PRECAUTIONS

On Operating Voltage

Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) of your system is identical with the voltage of your local power supply. The type plate is located at the rear of your system. If not, please consult your dealer.

On Placement

- Do not expose the system to humidity or rain, sand or to excessive heat.
- Place the player on a firm, flat surface.
- Keep away from heat sources and direct sunlight.
- In a cabinet, allow 2-3 cm (approx. 1 inch) of free space all around the unit for adequate ventilation.

On safety

- Under no circumstances should you repair the unit yourself as this will invalidate the guarantee!
- This product complies with the radio interference requirements of the European Community.
- Electrostatic discharge may cause unexpected symptoms. See whether these symptoms disappear if you take the mains plug out of the wall socket and plug it in again after a short period.
- To disconnect the system from the mains completely, withdraw the mains plug from the wall socket.

On Condensation

- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the CD-i unit inside the system. Should this occur, the CD-i function will not operate normally. Acclimatisation at room temperature (no forced drying!) during half a day can prevent problems or damage.

PREPARATION

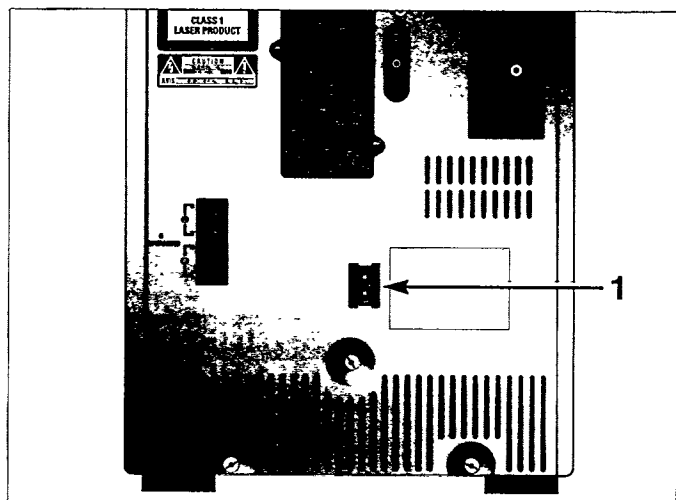
Battery Installation (Remote Control)

- Load the batteries into the remote control.
- Remove the batteries if exhausted or if they will not be used again for a long period. For replacement use only batteries of the type R03, UM-4 or AAA.

Accessories (Supplied)

- Remote control
- Batteries (2x AAA size) for remote control
- AM loop antenna
- FM dipole antenna
- Adaptor Fem/Fem Din 45325 (for UK version only)
- CD-i controller
- A/V Euroconnector cable (for specific versions only)
- RF Modulator (for UK version only)
- RF cable (for UK version only)
- Mains cable.

POWER CONNECTION



- Connect the female end of the AC (alternating current) cord supplied into the AC socket (1).
- Insert the male end of the cord into an AC outlet.

CAUTION

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

ONLY A QUALIFIED SERVICE PERSON SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE.

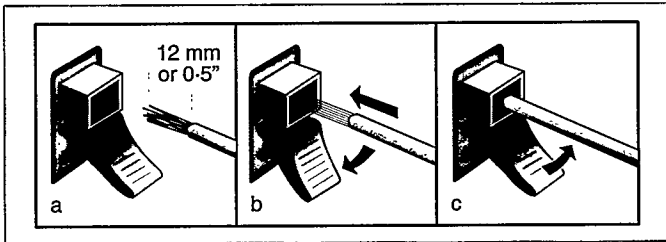
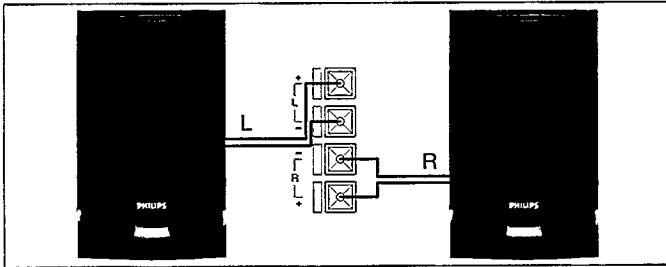
USE OF CONTROLS OR ADJUSTMENTS OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE OR OTHER UNSAFE OPERATION.

WHEN THE MINI SYSTEM IS IN THE "OFF" POSITION, IT IS STILL CONSUMING SOME POWER. IF YOU WISH TO DISCONNECT YOUR PLAYER COMPLETELY FROM THE MAINS, THE MAINS PLUG HAS TO BE DISCONNECTED.

INSTALLATION

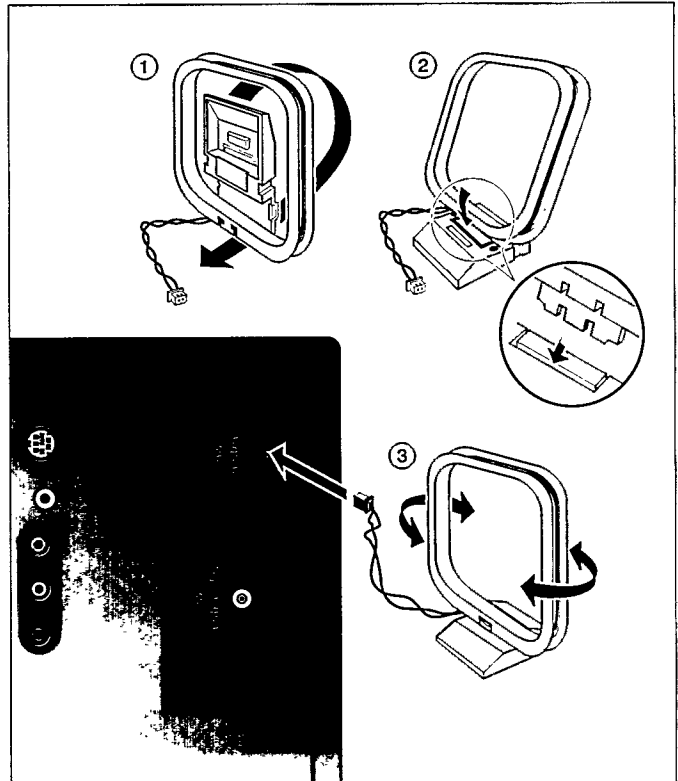
English

SPEAKERS CONNECTIONS



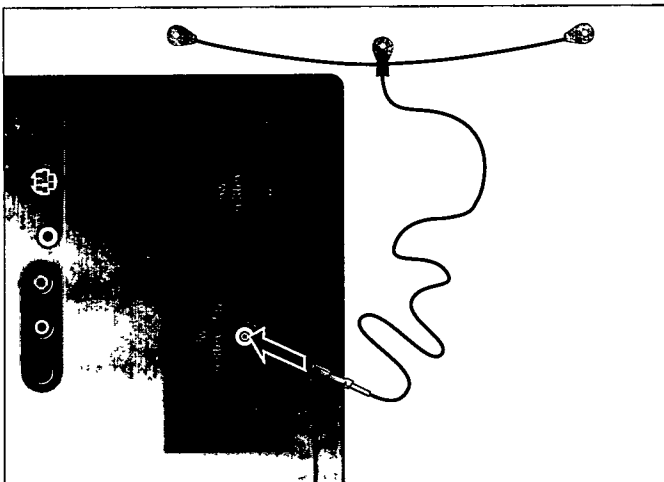
- Connect the right speaker to terminal R, with the red wire to + and the black wire to -.
- Connect the left speaker to terminal L, with the red wire to + and the black wire to -.

AM ANTENNA CONNECTION



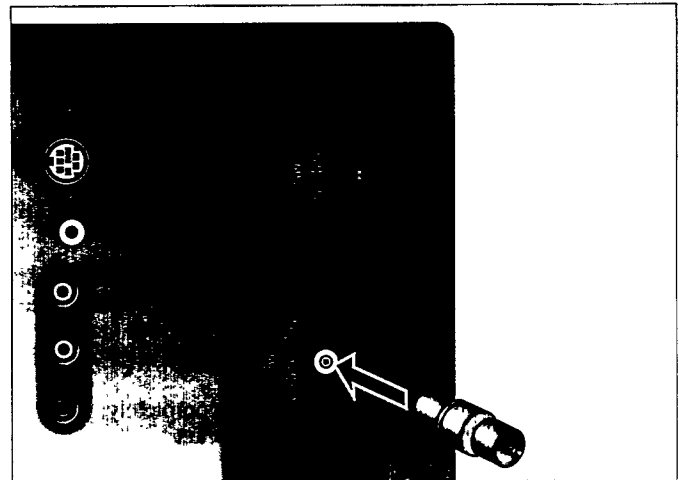
- Connect the supplied loop antenna to the AM aerial terminal.
- Adjust the position of the AM loop antenna for optimum reception.

FM WIRE ANTENNA CONNECTION



- Connect the supplied FM wire antenna to the FM 75Ω terminal.
- Adjust the position of the FM antenna for optimum reception.
- For better FM stereo reception connect the outdoor FM antenna to the FM 75Ω terminal, using 75Ω coaxial cable.

ADAPTOR FEM/FEM DIN SOCKET *



- If you want to connect your system to Radio cable distribution network in the U.K., it can be required to plug in first the FEM/FEM adaptor into the Tuner as indicated in the picture above.

* Supplied with some versions only.

A/V EUROCONNECTOR CABLE CONNECTION

Supplied with some player versions only.

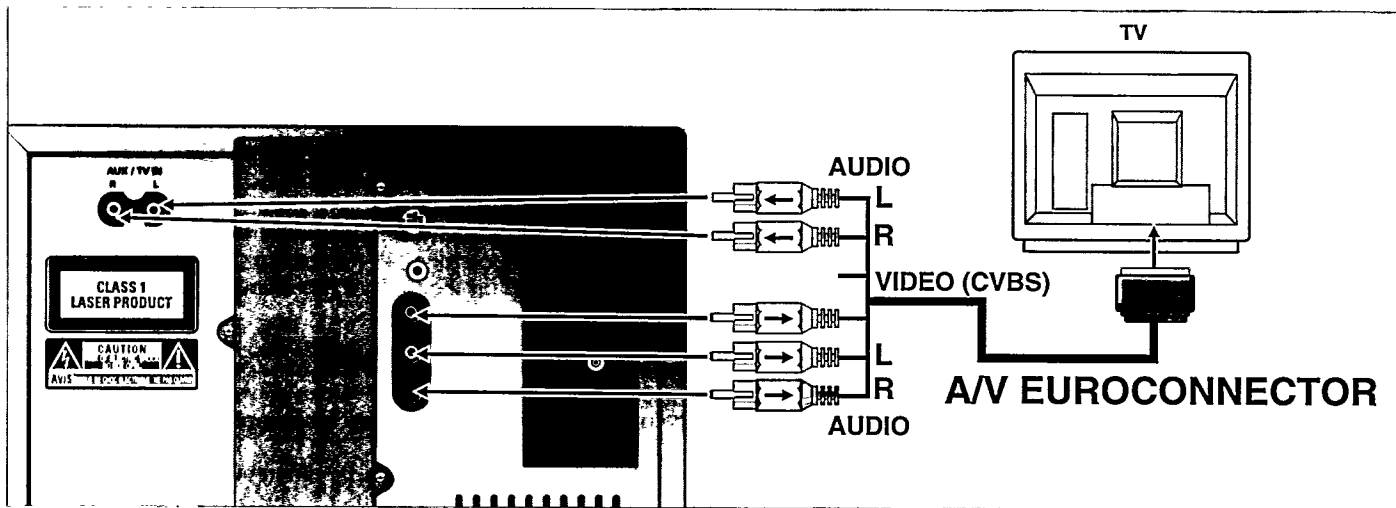
Connect the cable as follows:

- Connect the three coloured plugs with the arrow pointing towards the euroconnector plug as follows (see illustration):
 - the yellow plug to the video (cvbs) out connector
 - the red and white plug with the corresponding audio out left/right connectors.
- Connect the three coloured plugs with the arrow pointing towards the mini system as follows:
 - the red and white plug to corresponding aux/TV in connectors.
 - the yellow plugs will be left unconnected.

- Connect the A/V euroconnector plug to the corresponding connector of the TV.

NOTE

- Please refer to the instructions that come with the TV set for selection of the correct input.



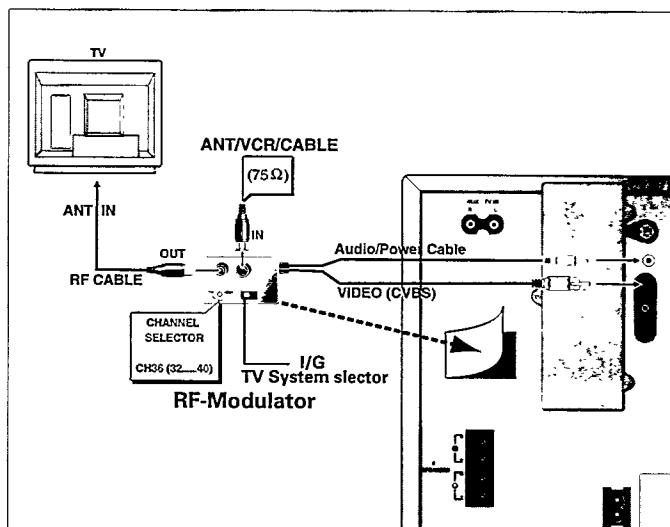
EXTERNAL RF MODULATOR CONNECTION

Supplied with U.K. version only.

- Connect the Audio/Power cable and the Video (CVBS) cable of the RF modulator unit to the corresponding connector of the mini-system.
 - Disconnect the input cable from the antenna at the TV and plug it into the ANT IN socket of the RF modulator.
 - Link the modulator's ANT OUT socket with the TV using the RF cable.
 - You may use an external antenna switch box if you prefer to watch TV programs from antenna (or VCR or cable) without switching off the miniset CD-i application.
 - Your CD-i player sends pictures and mono sound to your TV on the channel number that is preset at the RF modulator. This signal is sent through the coaxial cable.
 - Select the required position of the "TV System Selector" on the RF modulator.
- I - UK, South Africa, Hong Kong*
G - Continental European Countries (Belgium, The Netherlands, Germany . .)
- To operate the player with your TV, set your TV to the same channel as the RF modulator (factory preset is 36).
 - You can avoid local interference by tuning to a different channel, using the channel selector : select on your TV a channel between 32 and 40, than tune your RF modulator slowly until you have a good sound and picture.

NOTE

- Please refer to the instructions that came with the TV set for the selection of the channel.



- Put the double sided adhesive tape at the rearside of the RF Modulator.
- Then mount the Modulator on the rearside of the set.

INSTALLATION

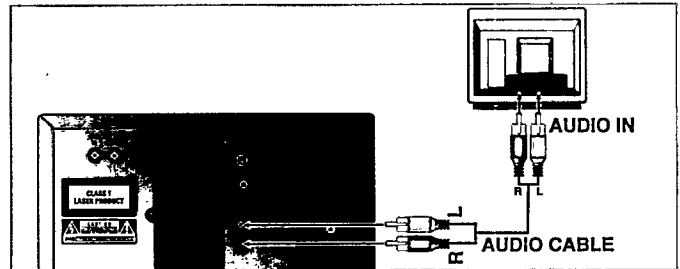
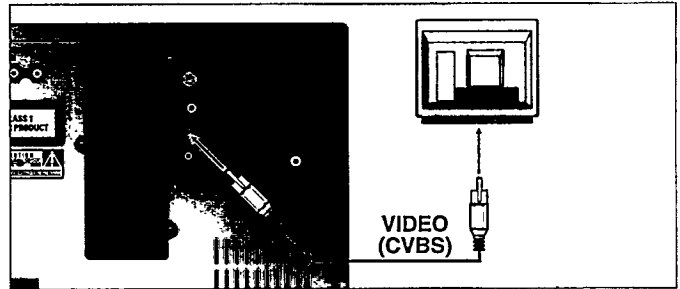
English

CONNECTION TO A TV WITH A VIDEO (CVBS) SOCKET

- Connect the corresponding connectors with a matching video cable.
- If you also prefer CD-i audio on your TV set you will need to connect the CD-i audio output of the mini-system to your TV.

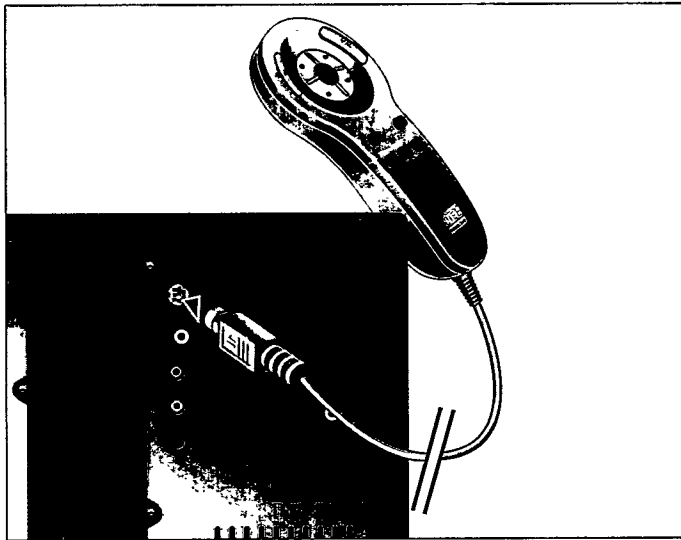
NOTE

- The audio output of the mini-system only connects CD-i audio (no tape or tuner audio).
- Please refer to the instructions that come with the TV set for selection of the correct input.



POINTING DEVICE CONNECTION

INCLUDED POINTING DEVICE: The CD-i Controller



- To operate your CD-i player a pointing device is needed.
- Make sure the CD-i Mini-System is switched off.
- Plug the CD-i controller connector into the Mini-System. Insert the connector as indicated in the picture above.
- Press the POWER ON button to switch the player on.
- Select CD-i source on the Mini-System.
- Switch on the TV.
- Move the cursor in the direction you want by pressing in that direction on the thumbpad.
- Click on one of the action buttons.
- The function selected by this "point-and-click" technique is highlighted to confirm the selection.

OPTIONAL DEVICES: Roller Controller, Trackerball, Mouse, Gamepad, CD-i Controller, IR-Remote kit, Splitter (refer to the accessories page on the back of this manual).

NOTE

- To "point-and-click" on any screen shown in this manual, any one of the two action buttons of the pointing device can be used.
- The shape of the cursor can be different according to the program you are playing, but it is always controlled in the same way.

Pointing devices are sensitive precision instruments. Handle them with care, keeping in mind the following precautions:

- Avoid dropping or knocking.
- Do not use them in locations subject to extreme temperatures, humidity, dust or vibration.
- Never hold the pointing device by the cable.
- Never pull the cable to disconnect the pointing device from the player.

CAUTION

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

CONNECTING OTHER EQUIPMENT TO YOUR SYSTEM

You can connect TV, DCC, VCR audio left and right outputs to the AUX/TV IN of the system, if you want to use the amplifier function of the system for those sources.

INSTALLING A DIGITAL VIDEO CARTRIDGE *

INTRODUCTION:

As soon as you have plugged this cartridge into your CD-i player, you can play the latest CD-i discs, featuring interactive movies, music videos and state-of-art video games as well as video CD's. Enjoy yourself! But first.....

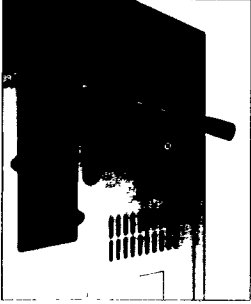
NOTE

- A special tool is supplied with the cartridge. Keep it safe in case you need it.

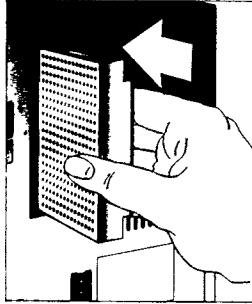
CAUTION

WHILE INSTALLING (OR REMOVING) YOUR CARTRIDGE, MAKE SURE THE PLAYER IS SWITCHED OFF!

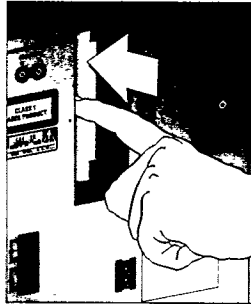
INSTALLATION:



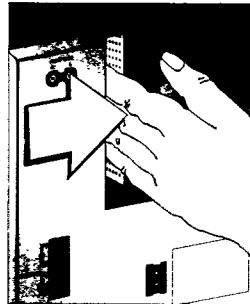
1. Loosen the screws and remove the coverplate.



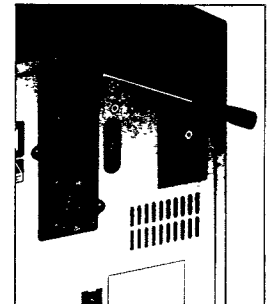
2. Take hold of the cartridge with connector side pointing to the right. Slide the cartridge in the slot.



3. Push the cartridge to the end of the slot.



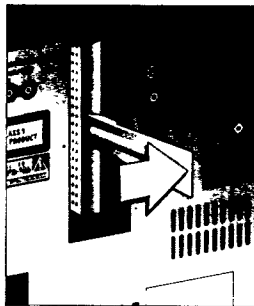
4. Connect the cartridge by pushing it gently to the right, as far as it will go.



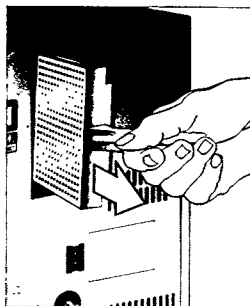
5. Replace the coverplate.

REMOVAL:

1. Loosen the screws and remove the coverplate.



2. Hook the special extractor tool in the slot of the cartridge. Disconnect the cartridge by pushing the lever to the right.



3. Remove the cartridge from the slot.

4. Replace the coverplate.

CAUTION

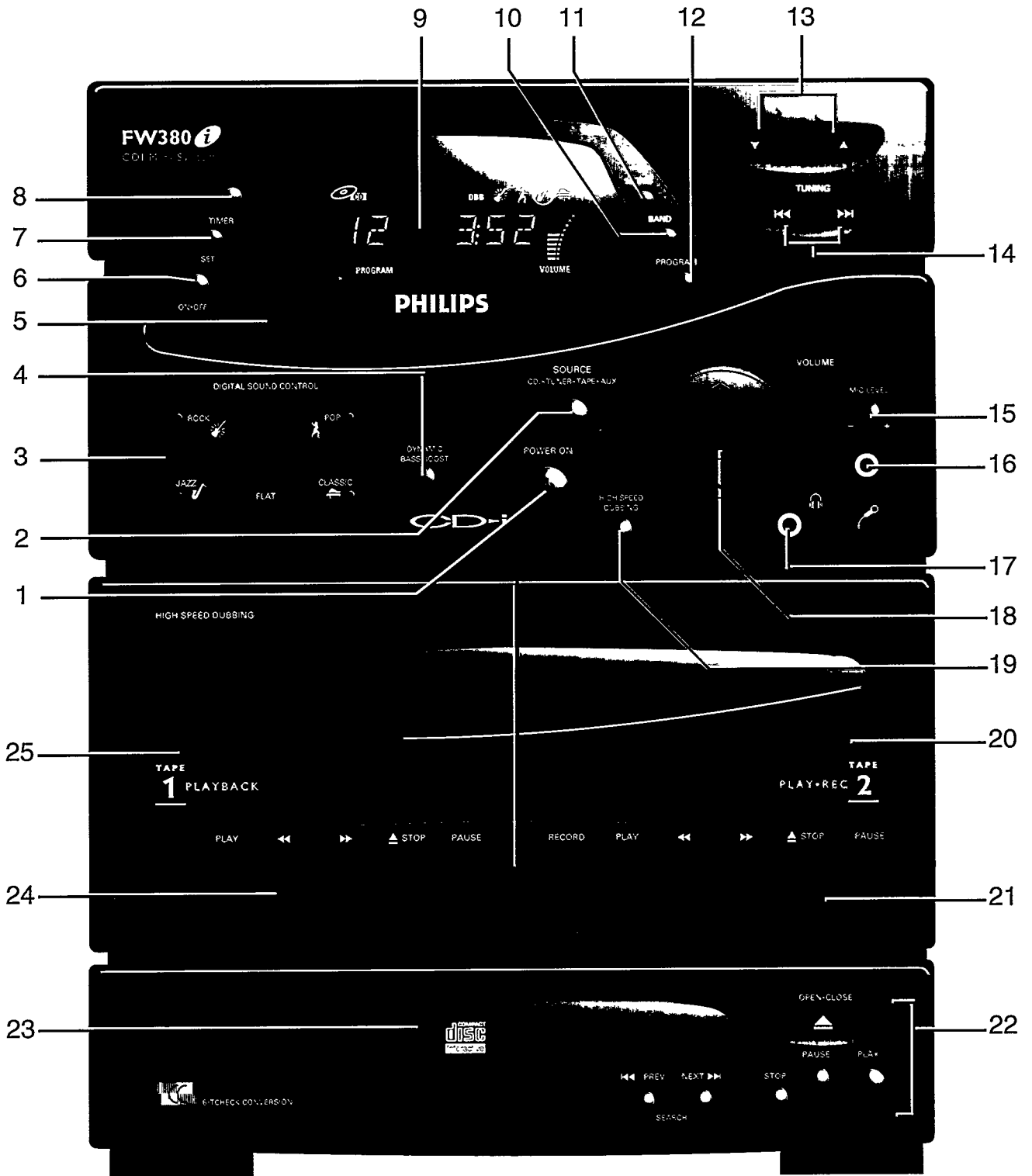
DO NOT PROBE INTO THE VENTILATION HOLES!

DO NOT BLOCK THE VENTILATION HOLES!

* Already installed with some versions, Optional for other versions.

CONTROLS

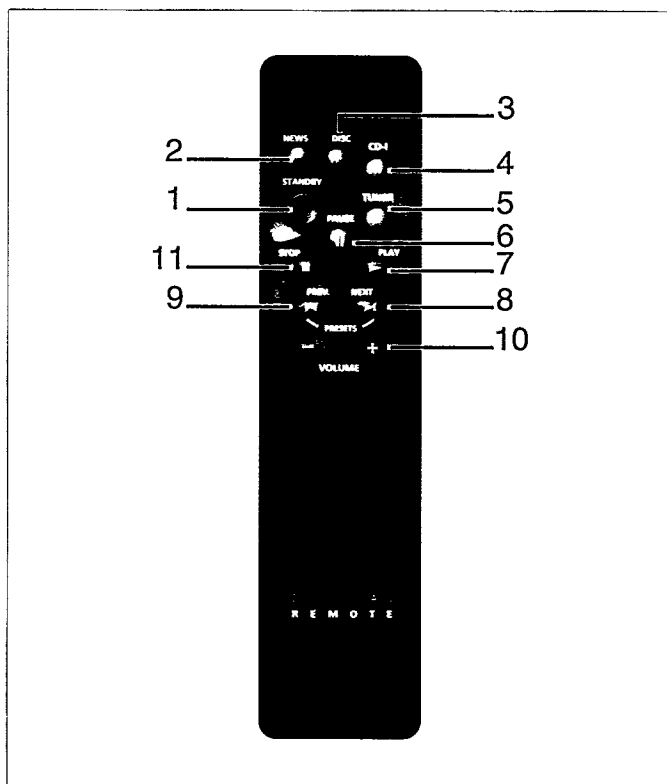
English



CONTROL BUTTONS

- 1 **POWER ON** – To switch the set on or to standby mode.
- 2 **SOURCE** – To select the following :
CD-i : to switch to CD-i mode.
TUNER : to switch to Tuner mode.
TAPE : to switch to Tape mode.
AUX : to switch to AUX mode (for external sources, e.g. TV sound).
- 3 **DIGITAL SOUND CONTROL (DSC)** – To select the desired sound effects : ROCK, POP, JAZZ, CLASSIC, or FLAT.
- 4 **DYNAMIC BASS BOOST** – To enhance the bass response.
- 5 **IR SENSOR** – To receive signals from the remote control.
- 6 **TIMER ON•OFF** – To activate or deactivate the Timer function.
- 7 **TIMER SET** – To set the Timer function.
- 8 **CLOCK** – To set the clock.
- 9 **DISPLAY**
- 10 **BAND** – Selection of waveband
- 11 **MONO** – To switch between FM Mono and FM Stereo reception.
- 12 **PROGRAM** – To program preset stations.
- 13 **PRESETS ▼ or ▲** – To select a radio station in memory.
- 14 **TUNING ◀◀ or ▶▶** – To tune to radio stations.
- 15 **MIC LEVEL** – To adjust the mixing level for karaoke or microphone recording.
- 16 **MIC** – Connection for microphones.
- 17 **🎧** – Connection for headphones.
- 18 **VOLUME** – To adjust the volume level
- 19 **HIGH SPEED DUBBING**
- 20 **CASSETTE COMPARTMENT DECK 2**
- 21 **CONTROLS DECK 2 (RECORD/PLAYBACK)**
– RECORD : to start recording
– PLAY : to start playback.
– ◀◀ : to fast-rewind the cassette.
– ▶▶ : to fast-forward the cassette.
– ▲ STOP : to stop or eject the cassette.
– PAUSE : to pause recording or playback.
- 22 **CD-i CONTROLS***
– ▲ OPEN•CLOSE : to open or close the tray.
– PLAY : to start a disc.
– STOP : to stop the disc.
– PAUSE : to pause audio playback of a disc.
– ◀◀ PREVIOUS : to go to a previous track.
– ▶▶ NEXT : to go to a next track.
- 23 **CD-i TRAY**
- 24 **CONTROLS DECK 1 (PLAYBACK)**
– PLAY : to start playback.
– ◀◀ : to fast-rewind the cassette.
– ▶▶ : to fast-forward the cassette.
– ▲ STOP : to stop or eject the cassette.
– PAUSE : to pause playback.
- 25 **CASSETTE COMPARTMENT DECK 1**

REMOTE CONTROL FUNCTIONS



- First select the source you wish to control by pressing one of the source selection keys (e.g. CD-i or TUNER)
- Then, select the desired function.

- 1 **STANDBY** – to switch the system to standby mode.
- 2 **SHUFFLE** – to play the tracks in a random order.
- 3 **REPEAT** – to activate or deactivate the repeat function.
- 4 **CD-i** – to switch to CD-i mode.
- 5 **TUNER** – to switch to Tuner mode.
- 6 **DISC** – for Disc selection of CD-i changer. (not functional for single disc system)
- 7 **PLAY ▶** – to play CD-i.
- 8 **▶|** – to select preset station in Tuner mode or to select track number in CD-i Mode.
- 9 **◀|** – to select preset station in Tuner mode or to select track number in CD-i Mode.
- 10 **VOLUME ▼ or ▲** – to adjust volume control.
- 11 **STOP ■** – to stop CD-i play.

STARTING UP

Switching on the system.

- Press POWER ON (or TUNER/CD-i on the remote control).

Switching off the system (standby mode).

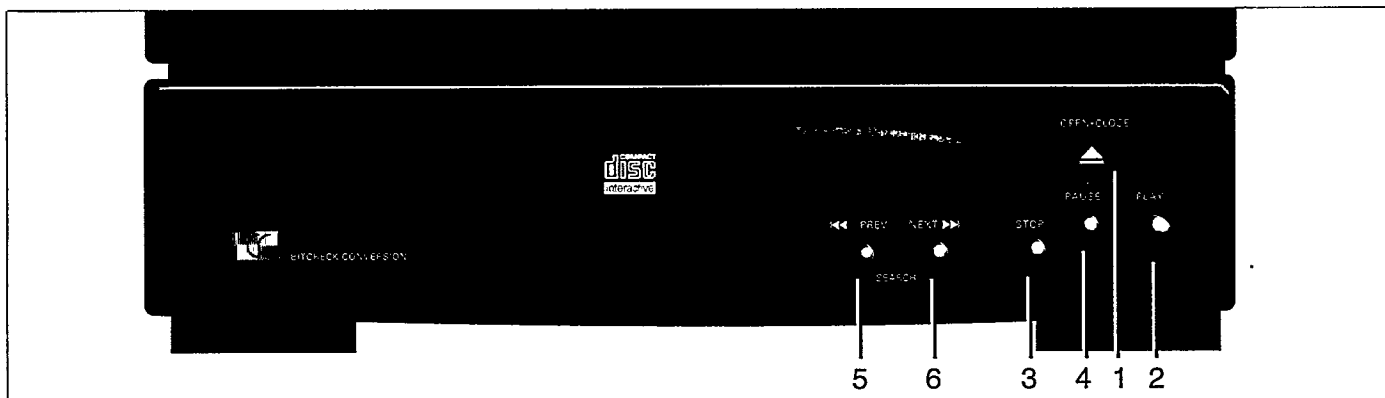
- Press POWER ON again (or STANDBY on the remote control).

Selecting Sources.

- Press SOURCE to select either CD-i, TUNER, TAPE or AUX (or TUNER or CD-i on the remote control). The display indicates the selected sound source.

*Functionality of CD-i controls depends on disc type.

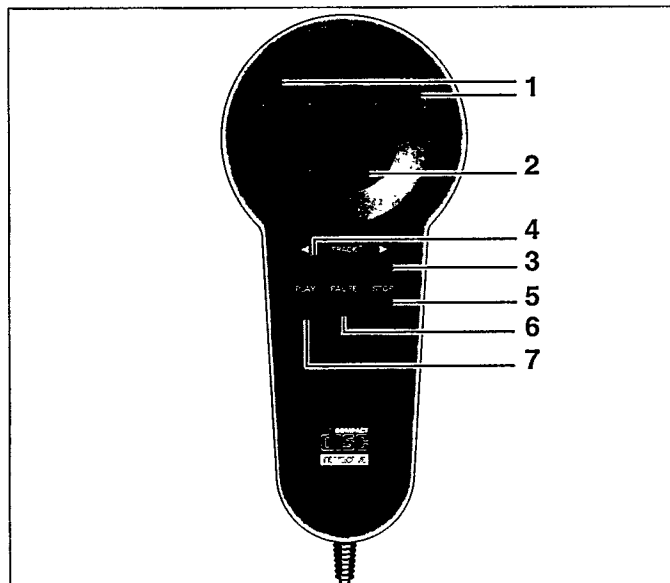
BUTTONS *



* Functionality of CD-i controls depends on disc type.

- | | |
|----------------|---------------------------------|
| 1 ▲ OPEN•CLOSE | 4 PAUSE |
| 2 ▶ PLAY | 5 ◀◀ PREVIOUS / SEARCH BACKWARD |
| 3 ■ STOP | 6 ▶▶ NEXT / SEARCH FORWARD |

CD-i CONTROLLER *



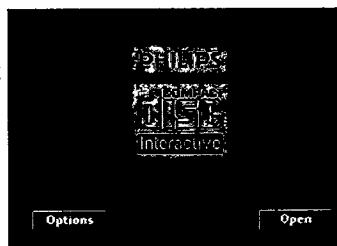
* Functionality of CD-i controls depends on disc type.

- | |
|--------------------------------|
| 1 ACTION BUTTONS |
| 2 THUMBPAD |
| 3 NEXT / SEARCH FORWARD ▶ |
| 4 PREVIOUS / SEARCH BACKWARD ◀ |
| 5 STOP BUTTON |
| 6 PAUSE BUTTON |
| 7 PLAY BUTTON |

SETTING UP CD-i

- Press the POWER ON button to switch the Mini System on.
- Select CD-i Source on the Mini System.
- Switch on the TV (and HiFi system if used).
- Select the input on the TV (and HiFi system if used) to which the CD-i player has been connected.

- On the TV, the player start-up screen will appear. This screen has the following system function icons to guide and assist you:



Open/Close:

To open or close the disc tray.

Options:

See: "OPTIONS SCREENS".

To get "Options Screens" click on "Options". To leave "Options Screens" click on "Exit".

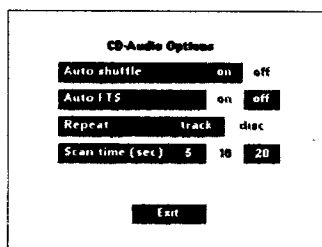
- Press the POWER ON button to switch the Mini System to STANDBY mode.
- Switch off the TV.

OPTIONS SCREENS

Storing of changed Options Screens: each changed item in the Options Screens will be stored automatically.

1. CD Audio Options

To preselect your preferred settings when playing audio CDs:



Auto shuffle

After switching the player on, the tracks on the CD will automatically be played in a random order.

Auto FTS

After switching the player on, the FTS program of the CD will be played automatically.

Repeat

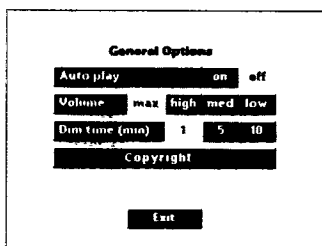
Select to repeat a complete audio disc or a single track when the repeat function is activated.

Scan time

Select the time you want the beginning of each audio track to play for (5, 10 or 20 seconds) when the scan function is activated.

2. General Options

To change the player general settings:



Auto play

After switching the player on, playback will start automatically when a disc is loaded and the tray is closed.

Volume

Selecting the CD-i default volume setting.

Dim Time (min)

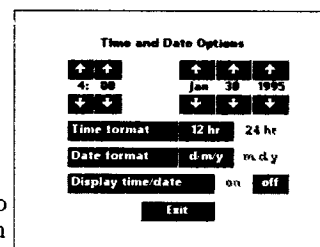
On all screens shown in this manual except CD Graphics screen, dim occurs automatically after 1-5-10 minutes if the player is not used.

Dim greatly reduces the brightness of the displayed picture.

The normal brightness is restored by any user action with the control devices).

3. Time and Date Options

To change the player time/date settings.



Time/Date set

If the time or date shown on the screen is wrong, select the appropriate ▲ and ▼ arrows to set hours, minutes, day, month and year in turn, as required.

Time format

Select 24 hour or 12 hour clock.

Date format

Select d/m/y to present the date in day-month-year sequence.

Select m/d/y to present the date in month-day-year sequence.

Display time/date

Select whether time and date will be displayed on the TV screen or not.

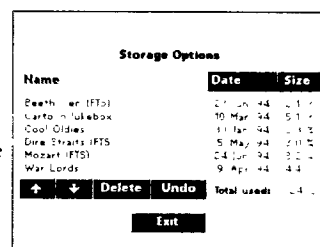
4. Storage Options

To refer to the intermediate results of CD-i titles and of programs created for your audio and Photo CDs.

The 'Storage' screen shows the information held in memory: titles, dates and percentage of memory used.

Clicking on 'Name', 'Date', or 'Size' sorts the information accordingly.

- Use the scroll arrows to move up and down the list.
- To delete an item, click on its title and then click on 'Delete'. If you change your mind after deleting, click on 'Undo'.



GENERAL

Push button control:

- For basic play control, you can use the buttons on the front panel or on the CD-i controller.
- The PLAY and STOP buttons operate in the same way as the corresponding on-screen functions.
- NEXT button: to select the next track or search for a passage during playback.
- PREVIOUS button: to return to the start of a track, select a previous track or search for a passage during playback.

NOTE

- The functioning of these buttons will depend completely on the application when playing a CD-i program.

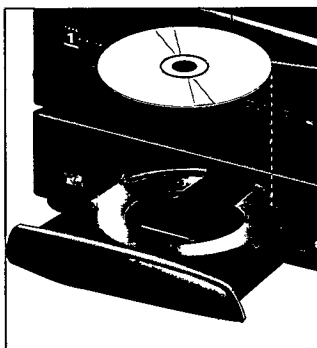
Sound level:

- When playing any disc adjust the sound level as required, preferably on the TV or HiFi amplifier. The volume up / down ^ / v buttons on the remote control may also be used.

LOADING AND UNLOADING

Loading:

- Point and click on 'Open' (you may also press the OPEN•CLOSE button ▲ on the player) to open the disc tray.
- Take the disc from its holder and place it on the tray with the label up.
- Point and click on 'Close' (you may also press the OPEN•CLOSE button ▲ on the player, or gently push the front of the tray) to close the tray.
- The TV screen changes according to the type of disc.



CAUTION

NEVER PUT MORE THAN ONE DISC AT A TIME INTO THE CD-I PLAYER

Unloading:

- Point and click on 'Open' (you may also press the OPEN•CLOSE button ▲ to open the disc loading tray.
- The player start-up screen reappears on the TV.
- Take the disc from the tray and replace it in its holder.
- Point and click on 'Close' (you may also press the OPEN•CLOSE button ▲ on the player, or gently press the front of the tray) to close the tray with or without a new disc.

NOTE

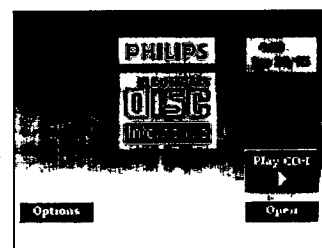
- You may unload the disc at any time by pressing the OPEN•CLOSE button ▲.
- Unloading a CD-i disc while the CD-i program is running, will terminate the CD-i program abruptly. 'Bookmarks' or intermediate results, if used by the CD-i program, might not be updated to the latest situation.

PLAYING A CD-i DISC

Playing a CD-i disc depends on the value of Autoplay (see Options Screens). The factory setting is default "OFF".

1. When autoplay is "OFF":
After loading the disc, the CD-i start-up screen appears on the TV. To start the CD-i program, select the 'Play' icon on the screen and click on it.
2. When autoplay is "ON":
After loading the disc, the CD-i program will start up automatically.

The opening screen of the CD-i program now appears on the TV. From this point, all interaction is between you and the program. To stop at any time, select the STOP or EXIT function provided by the CD-i program.



NOTE

- This procedure is equal for CD BRIDGE discs, CD-i READY discs and PHOTO CDs. And for Digital Video discs and Video CD's when a Digital Video Cartridge has been installed.

CAUTION

NEVER LEAVE A STILL PICTURE ON THE SCREEN FOR ANY LENGTH OF TIME. THIS CAN CAUSE BURNING-IN OF THE PICTURE TUBE. IN SUCH A CASE SWITCH OFF THE PLAYER OR REMOVE THE DISC.

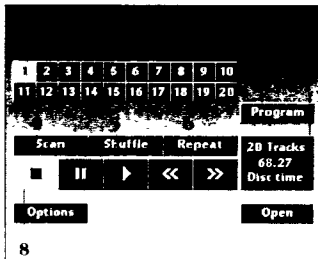
PLAYING AN AUDIO CD

I. Using the audio screen

- After loading the disc, the CD-Audio screen appears on the TV.

1. Play track bar:

shows the total number of tracks (up to 30). You can 'point-and-click' to select any track. For discs with more than 30 tracks, the right > and left < scroll arrows are used to move through the track list.



- 2. PROGRAM:** allows you to program a list of special tracks called a Favorite Track Selection. When you select PROGRAM, the FTS track bar and the FTS icon will appear.
- 3. FTS:** allows you to play Favorite Track Selections. This icon only appears if a Favorite Track Selection has been created for the disc that is loaded in the player.
- 4. SCAN:** allows you to listen to the beginning of every track listed in the play track bar. You can set the scan time to 5, 10 or 20 seconds in the 'Options' screen, (*see p.13*).
- 5. SHUFFLE:** allows you to play the tracks in the play track bar in a random order.
- 6. REPEAT:** allows you to activate the Repeat function. Repeat of a track or the entire disc depends on Repeat Mode in the 'Options' screen (*see p.13*).
- 7. TRACK/TIME window:**
- in STOP mode, this shows the total number of tracks and the total playing time. When you click at this window, the track time of the selected track is displayed.
 - in PLAY and PAUSE modes, the window shows the track number and either the elapsed or the remaining track playing time. To change between elapsed and remaining time, 'point-and-click' at the time shown in the window.
- 8. All the disc play control functions are shown on the screen, and can be selected as desired by 'point-and-click' with your remote control. The operation of the functions is briefly explained in the following table.**

NOTE

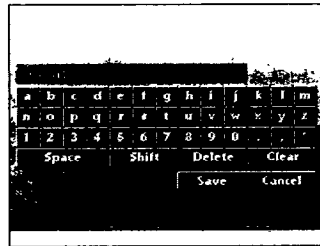
- You can also play audio discs without using the audio screen. Use the specific controls on either the remote control or on the CD-i controller.
- If auto SHUFFLE or auto FTS has been selected on the 'CD Audio' screen, this function will be activated automatically.

OPERATION	SELECT
Start play	PLAY ▶ play starts at the beginning of track 1, or any other preselected track number. If a track is already playing, it is re-started.
Select a track	TRACK number if the disc contains more than 30 tracks, use the left < and right > scroll arrows to move through the track numbers as required.
Pause	PAUSE II use to interrupt play.
Exit pause	PAUSE II or PLAY ▶ play restarts at exactly the same point as pause was selected.
Forward search	FORWARD ▶▶ searches forward through disc.
Reverse search	REVERSE ◀◀ searches backwards through disc.
Stop play	STOP ■ stops playing. If play is re-started, it begins at the first track.
Scan the disc	SCAN plays the beginning of each track on the disc.
Exit scan	SCAN normal play starts from this point.
Shuffle play	SHUFFLE shuffle sequence appears in track bar.
Exit shuffle	SHUFFLE normal play starts from this point.
Repeat	REPEAT repeats the entire disc (or FTS program), or the track being played, as selected on the "Options" screen.
Play FTS	FTS only available when an FTS program has already been created for the disc in the player.
Exit FTS	FTS normal play starts from this point.
Program FTS	PROGRAM <ul style="list-style-type: none"> • Point to tracks as required on the play track bar, and in each case click on any action button to record the track in the FTS track bar. • To cancel an unwanted track, point to it in the FTS track bar and click on any action button. • To cancel the entire FTS program, point to the first track in the FTS track bar and click on any action button repeatedly until all the tracks disappear.
Store FTS	SAVE FTS the keyboard screen replaces the CD-Audio screen. See 'CREATING FTS TITLES' (<i>see p.16</i>).

PLAYING AN AUDIO CD

2. Creating FTS titles

- At the CD-Audio screen (*see p.15*), 'point-and-click' on the Program button, then 'point-and-click' on the "Save FTS" button.
- The screen will change to the keyboard screen.
- Select each character of the title in turn, using Shift to change between upper and lower case characters and Space to separate words.
- Delete erases the last selected character.
- Clear erases the complete (or partially complete) title.
- Cancel returns to the CD-Audio screen without saving the title.
- Save saves the title and returns to the CD-Audio screen.

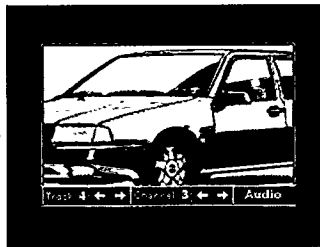


- You can compose a title of approx. 30 characters (depending on the character width) for the selection using the keyboard screen.
- After creating an FTS, the title then appears on the CD-Audio screen whenever the disc is loaded.

PLAYING AN AUDIO CD

3. CD graphics

- When an audio CD with graphics is played, the CD Graphics screen will appear automatically.
- To let the picture channel bar appear/disappear click on the action button anywhere outside the channel bar.
- You can select another track number by clicking on 'Track' or either arrow next to it.
- Depending on the disc, other channel numbers might give you other information, such as the lyrics in a different language.
- Refer to the instructions that come with the disc for their functions.
- To play audio only, click on the 'Audio' icon.




CAUTION


NEVER LEAVE A STILL PICTURE ON THE SCREEN FOR ANY LENGTH OF TIME. THIS CAN CAUSE BURNING-IN OF THE PICTURE TUBE. IN SUCH A CASE SWITCH OFF THE PLAYER OR REMOVE THE DISC.

PLAYING A PHOTO CD


- After loading the disc, the CD-i start-up screen appears on the TV.
- To start the Photo CD program, select the 'PLAY CD-i' icon on the screen; you may also press the PLAY button on the player (*2*) p.12 or CD-i controller (*7*) p.12.
- The opening screen of the Photo CD program now appears on the TV.
- At the bottom of this screen a menu bar with icons is shown.



- Select the  icon.
- The 'Options' screen will now appear.
- To select a language click on the box, the flag or the name of a country.
- The previous setting will be replaced automatically.

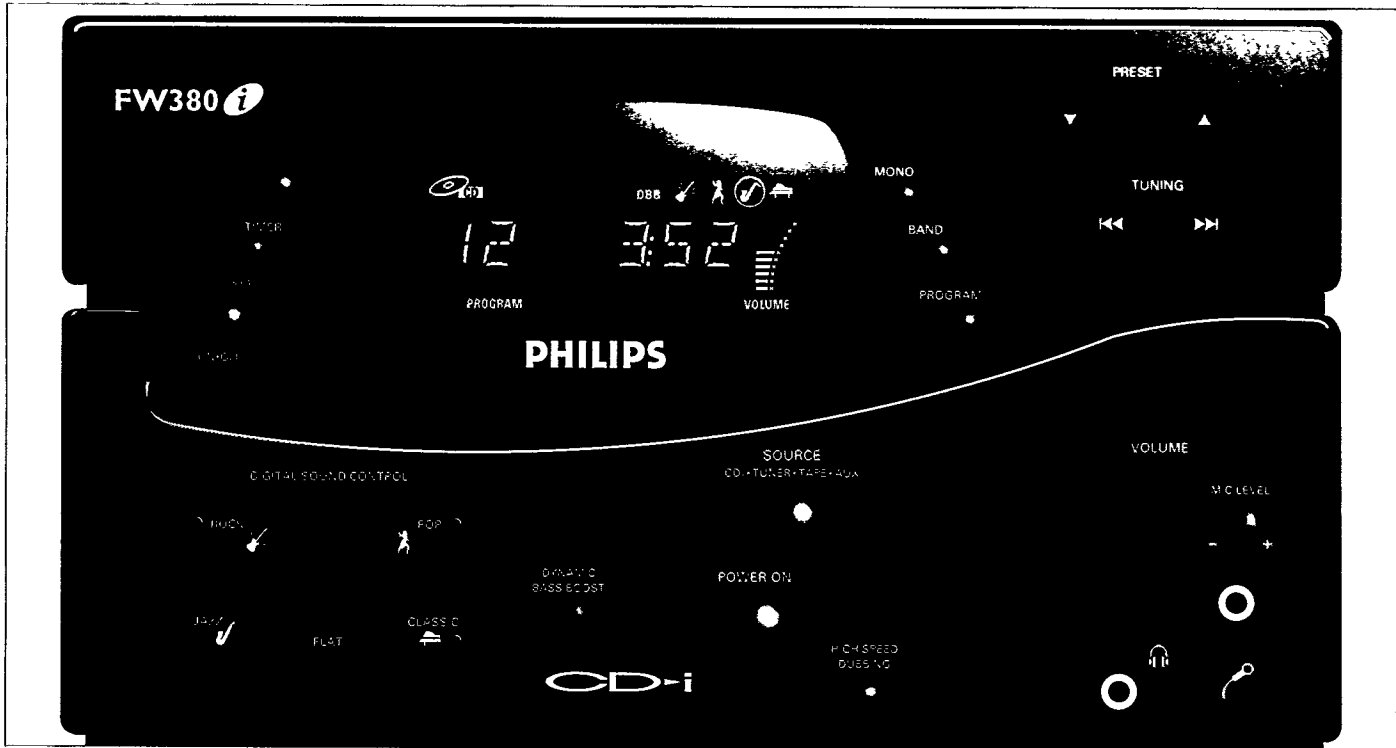
- Select the  icon (Return) of this screen to go back to the Photo CD opening screen.



- Select the  icon (Information) and the INFORMATION screen, explaining the control buttons of the menu bar in the selected language, appears.
- From this point, all interaction is between you and the program.

CAUTION


NEVER LEAVE A STILL PICTURE ON THE SCREEN FOR ANY LENGTH OF TIME. THIS CAN CAUSE BURNING-IN OF THE PICTURE TUBE. IN SUCH A CASE SWITCH OFF THE PLAYER OR REMOVE THE DISC.



Volume Adjustment

- Adjust VOLUME (or press \vee or \wedge on the remote control) to increase or decrease the sound level.

For Personal Listening

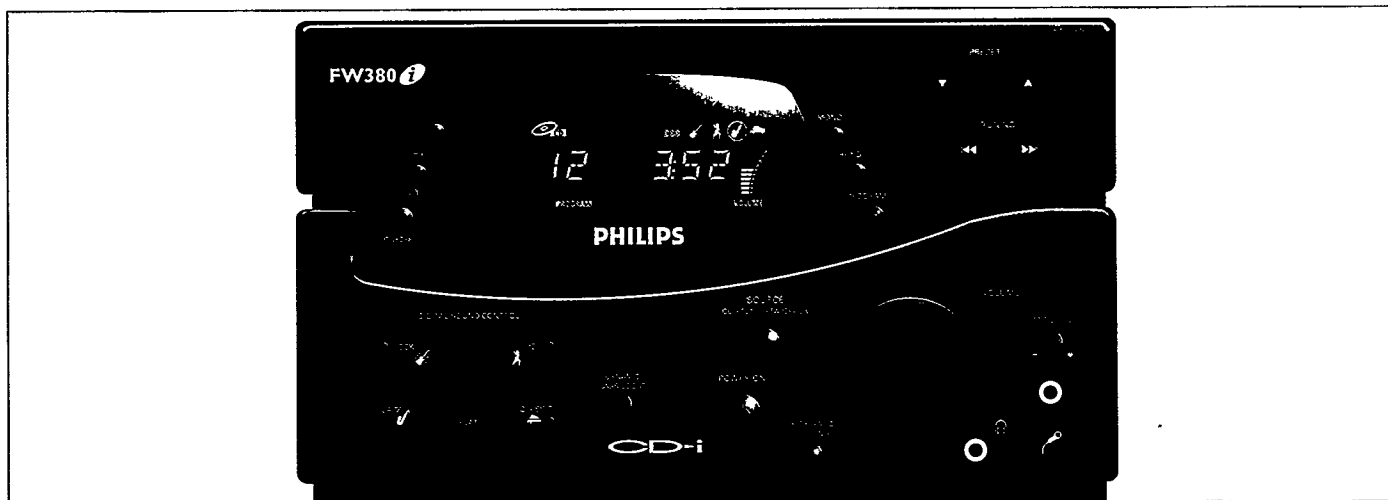
- Connect headphones to headphones socket , the speakers will be muted.

Digital Sound Control

- You can enjoy the following special sound effects by pressing ROCK, POP, JAZZ, CLASSIC or FLAT respectively.

Dynamic Bass Boost

- To enhance the bass response, press DYNAMIC BASS BOOST.



Tuning

- 1 Press SOURCE to select TUNER.
- 2 Press BAND to select desired waveband.
LW is only available for specific model.
- 3 Press TUNING ◀◀ or ▶▶ for more than 1 second.
→ The frequency display will change until a station with sufficient strength is found.
 - Repeat this procedure until the desired station is reached.
 - In order to tune to a weak station, briefly press TUNING ◀◀ or ▶▶ until the display shows the right frequency and/or optimum reception has been obtained.
 - To reduce interference caused by poor FM stereo reception, switch over to mono reception by pressing MONO.

Storing Stations

You can store up to thirty stations in the memory.

Manual programming

- 1 Press PROGRAM.
→ "PROGRAM" flashes on the display.
 - 2 Tune to the station to be programmed.
 - 3 Press PRESETS ▼ or ▲ to select a desired preset number.
 - 4 Press PROGRAM.
→ "PROGRAM" disappears, and the station is stored.
- Repeat above procedure for each station to be stored.

Tuning to Preset Station

- Press PRESETS ▼ or ▲ (◀◀ or ▶▶ on the remote control) to select the desired preset number.

One Touch Play

Press BAND or PRESETS ▼ / ▲ or TUNING ◀◀ / ▶▶ when the system is in standby mode. You can listen to the last received station without pressing any other buttons.

Changing the MW tuning grid (for specific versions only)

Change to 10kHz

- 1 Disconnect the system from the mains.
- 2 Keep PROGRAM and TUNING ▶▶ depressed, while re-connecting the system to the mains again.
→ Display briefly shows "10 KHZ".

Change to 9kHz

- 1 Disconnect the system from the mains.
- 2 Keep PROGRAM and TUNING ◀◀ depressed, while re-connecting the system to the mains again.
→ Display briefly shows "9 KHZ".

Switching the LW Band (for specific versions with LW only)

Switching ON the LW Band

- 1 Disconnect the system from the mains.
- 2 Keep PROGRAM and TUNING ▶▶ depressed, while re-connecting the system to the mains again.
→ Display briefly shows "LW".

Switching OFF the LW Band

- 1 Disconnect the system from the mains.
- 2 Keep PROGRAM and TUNING ◀◀ depressed, while re-connecting the system to the mains again.
→ Display briefly shows "LW OFF".

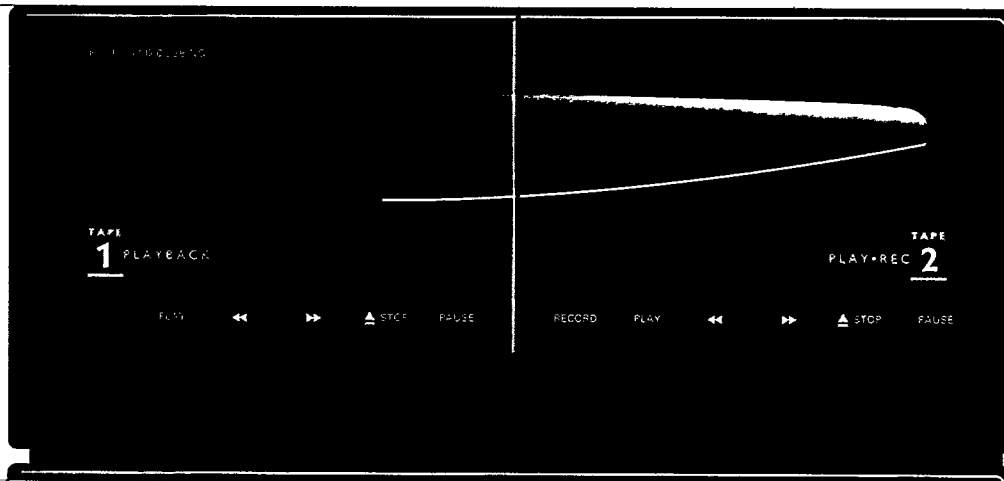
CAUTION

WHEN YOU SELECT THE TUNER, THE POWER TO THE CD-I MODULE WILL BE SWITCHED OFF. AS A CONSEQUENCE THE PLAYING OF ANY DISC WILL BE STOPPED.

CLOCK SETTING

Setting the clock

- 1 Press CLOCK once.
→ The hour digit starts flashing.
- 2 Set the hour with PRESETS ▼ or ▲.
- 3 Press TUNING ◀◀ or ▶▶ once.
→ The minute digit starts flashing.
- 4 Set the minute with PRESETS ▼ or ▲.
- 5 Press CLOCK again.
→ The clock starts running.



Loading a cassette

- Press ▲ STOP (EJECT).
- The cassette door opens.
- Load the cassette with the open side downward.
- Close the cassette door.

Tape Playback

1. Press SOURCE to select TAPE.
2. Load the cassette in DECK 1 or DECK 2.
3. Press PLAY to start play.
4. Press ▲ STOP to end play.
5. Press PAUSE to interrupt play.

Fast winding/rewinding

1. You can wind or rewind the tape by pressing ►► or ◄◄.
2. Press ▲ STOP to stop winding or rewinding.

NOTE

- It is possible to wind or rewind a cassette when the set is in other source mode (e.g. tuner mode)

Recording Operation (DECK 2)

1. Press SOURCE to select TUNER or AUX.
2. Load a cassette in DECK 2.
3. Press RECORD on DECK 2 to start recording.
→ "RECORD" appears on the display.
4. Press ▲ STOP on DECK 2 to stop recording.

Dubbing cassettes (from DECK 1 to DECK 2)

1. Load the pre-recorded cassette in DECK 1 and a blank cassette in DECK 2.
 - Make sure that both cassettes have their full spools to the left.
 - For high speed recording, press HIGH SPEED DUBBING.
→ "HIGH SPEED" appears on the display.
2. Press PAUSE on DECK 1.
3. Press PLAY on DECK 1.
4. Press RECORD on DECK 2.
→ "RECORD" appears on the display.
5. Press ▲ STOP on DECK 2 to stop dubbing.

NOTE

- At the end of side A, flip the cassette to side B and repeat procedure.
- Dubbing of cassette is possible during CD, TUNER or AUX mode. To ensure good dubbing, tapes of the same length are recommended.
- The set will be muted during high speed dubbing in Tape mode.

General information

- Recording is only possible with DECK 2. During recording, it is advisable not to wind or rewind the cassette in DECK 1.
- For recording, use only cassette of IEC type I (Normal cassette).
- The recording level is set automatically, regardless of the position of VOLUME.
- Check and tighten slack tape before use with a pencil. Slack tape may get jammed or burst in the mechanism.
- To prevent accidental recording, break out the tab on the left shoulder of the cassette side. To re-record the cassette, cover each slot with plastic tape.
- C-120 tape is extremely thin and easily get deformed or damaged. It is not recommended for use in this unit.
- Store the cassettes at room temperature and do not put them too close to magnetic field for example, transformer, TV and loudspeaker boxes.

CD RECORDING

During CD recording,

- it is not advisable to wind/rewind your cassette in DECK 1.
- it is not possible to listen to other sound source.

CD Synchro-start Recording

1. Press SOURCE to select CD-i.
2. Load a disc into the tray.
3. Load a blank cassette (full spool to the left) into DECK 2.
4. Press ◀◀ PREV or NEXT ▶▶ to select the desired track
If desired, you can make a program from the disc in the order you want them to be recorded. (see p.15 Program FTS)
5. Press RECORD on DECK 2 to start recording.
→ "RECORD" appears on the display.
→ CD start playing after a 7 seconds delay to prevent recording on the beginning transparent portion of the tape.
6. To stop recording, press ▲ STOP on DECK 2.

MICROPHONE

Microphone mixing

1. Insert a matching microphone into the mic socket.
2. Press SOURCE to select CD-i, TAPE, AUX or TUNER.
3. Play the selected source.
4. Adjust the volume with VOLUME control.
5. Adjust the MIC LEVEL control to the mixing level that you want.
6. Start Singing or talking through the microphone.

NOTE

- To prevent acoustic feedback eg. a loud howling sound adjust the MIC LEVEL control to the minimum before you plug in the microphone.

Recording the mixed sound

During microphone mixing, you can record the mixed sound on a cassette in DECK 2.

1. Load a blank cassette in DECK 2.
2. Press RECORD.

NOTE

- If you do not intend to record via the microphone, unplug the microphone to avoid accidental mixing with other recording source.
- It is not possible to record the mixed sound through a microphone during cassette Dubbing mode.

TIMER-ACTIVATED OPERATION

Setting the Timer

- The power of the system can be turned on automatically at a preset time and it can serve as an alarm to wake you up. The system will switch to Standby mode after one hour.
- Before setting the timer, make sure the clock is set correctly.
- Timer works only once for each setting.

- 1 Press TIMER SET.
→ "TIMER" appears briefly and "TIMER" flag start flashing on the display.
- 2 Press PRESETS ▼ or ▲ to select BUZZER, TUNER or CD.
- 3a To select Tuner
 - Select TUNER and press TIMER SET to confirm your selection.
 - Press PRESETS ▼ or ▲ to select a preset station.
→ The selected preset station and frequency appear on the display.
 - Press TIMER SET to confirm the selected station.
→ Display briefly shows "START" and then the hour digit starts flashing.
 - Go to step 4.
- 3b To select CD or BUZZER
 - Select CD or BUZZER and press TIMER SET to confirm your selection.
→ Display briefly shows "START" and then the hour digit starts flashing.
 - Go to step 4.

- 4 Press PRESETS ▼ or ▲ to set the desired hour digit.
- 5 Press TUNING ◀◀ or ▶▶ once to switch to minute digit.
- 6 Press PRESETS ▼ or ▲ to set the desired minute digit.
- 7 Press TIMER SET to store the start time.
→ "TIMER" appears on display.
- 8 Prepare the sound source.
For listening to a disc : Load a disc in the disc tray.

NOTE

- If the set is in standby mode, buzzer will sound for one minute from the preset time.

To cancel the Buzzer

- Press any buttons ON THE SYSTEM.
- Press STANDBY ON THE REMOTE CONTROL.

To switch off the Buzzer temporarily (during standby mode)

- Press any buttons ON THE REMOTE CONTROL (except STANDBY).
- The buzzer is temporarily switched off. It will come on again after about ten minutes. This whole process will last for one hour.

To Activate/Deactivate TIMER Function

- Press TIMER ON•OFF.
→ "TIMER" flag appears on the display and the starting time is shown briefly.
→ Timer is activated.
- Press TIMER ON•OFF again.
→ "TIMER" flag disappears from the display.
→ Timer is deactivated.

MAINTENANCE

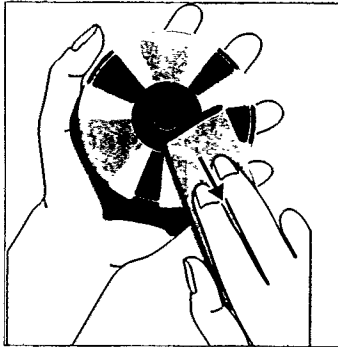
English

Cleaning the Cabinet

- Use a soft cloth slightly moistened with mild detergent solution. Do not use solution containing alcohol, spirits, ammonia or abrasive.

Cleaning Discs

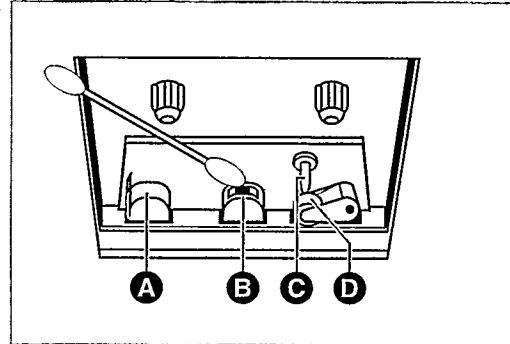
- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for analog discs.



Cleaning the Heads and the Tape Paths

- To ensure good recording and playback quality, clean the head *A* and *B*, the capstan *C* and pressure roller *D* after every 50 hours of operation.

- Use a cotton swab slightly moistened with cleaning fluid or alcohol.



BEFORE REQUIRING SERVICE

The following checks will assist in the correction of most problems which you may encounter with your system. Before going through the check list below, first check the following points.

- The power cord must be connected firmly.
- The speaker connection must also be firm.

Should any problem persist after you have made these checks, consult your nearest dealer.

SYMPTOM CAUSE (AND REMEDY)

GENERAL

Set not working.

Hang up problem due to Electro-static discharge, press POWER to switch off and on again. In the worst case, withdraw the mains plug from the wall socket and then reconnect the system again.

No sound output.

Adjust VOLUME.
The headphones are connected, disconnect them.
(Check that the speakers are connected properly.)

No sound from one speaker or unbalanced left and right sound.

(Check the connection of the defective speaker.)

Reversed left and right sound.

(Check the speaker connections and speaker location.)

Lack of bass sound or apparently imprecise physical location of musical instruments.

(Check the speaker connection for proper phasing, red/black wires to red/black terminals.)

Severe hum or noise.

The TV or VCR is too close to the stereo system.
(Separate the stereo system from the TV or VCR.)

Clock blinking.

There was a power interruption.
(Re-set the clock.)

Remote control has no effect on the set.

(Change the batteries.)
The distance is too far away/the angle is not correct.

CD-i PLAYER OPERATION

The disc tray does not close.

The disc is not inserted correctly.

Set does not play.

The player is in PAUSE mode. (Press PLAY•PAUSE again.)

“NO DISC” is displayed.

The disc is inserted upside down.
Moisture condensation on lens.
There is no disc in the CD tray.
The CD is dirty, badly scratched or warped.
(Try another disc.)

Play does not start from the first track.

The player is in FTS or SHUFFLE mode.
(Press SHUFFLE again or exit FTS.)

RADIO RECEPTION

The STEREO indicator flashes.

(Adjust the antenna.)

Severe hum or noise.

The signal strength is too weak. (Adjust the antenna.)
(Connect the external antenna for a better reception)

Interference noise during FM stereo reception.

(Press MONO to receive the reception in MONO.)

CASSETTE DECK OPERATION

Recording is not possible.

No cassette in the cassette holder.
The small tab has been broken (This can be reversed with a piece of adhesive tape)
The tape is completely wound.

Recording or playback cannot be made or there is a decrease in audio output level.

Dirty tape head
Magnetic build-up in the record/playback head
– See section on Maintenance on cleaning of tape heads.

Excessive wow or flutter, or sound drop-out.

Contamination of the capstans or pinch rollers
– See section on Maintenance on cleaning of tape heads.

SPECIFICATIONS

System • Système • Sistema • System • Sistema • Sistema

CD-Interactive / Audio
CD-Interactif / Audio

Usable discs • Disques utilisables • Discos utilizables • Discos Utilizable • Te gebruiken discs • Verwendbare discs • Dischi usabili

CD-I	CD-I
CD-DA	CD-Audio
PHOTO CD	Photo CD
CD-I READY	CD-I READY
CD BRIDGE	CD BRIDGE
CD GRAPHICS	CD GRAPHICS

Power requirement • Alimentation • Alimentación • Alimentación

Voedingsspanning • Netzanschluß • Alimentazione
Europe 220-230 V 50 Hz
UK, 220-230 V 50 Hz

Power consumption • Consommation • Consume de corriente • Opgenomen vermogen • Leistungsaufnahme • Consumo di corrente • Consumo de Corriente

45W without, 50 W with DVC (22ER9956) Standby : 14 W
45 W sans, 50 W avec DVC (22ER9956) Veille : 14 W

Operating temperature • Temperature de fonctionnement

Temperatura de operacion • Bedrijfstemperatuur
Betriebstemperatur • Temperatura di funzionamento • Temperatura de funcionamiento
41°F(5°C) to 95°F(35°C)
5°C à 35°C

Relative humidity • Humidité relative • Humedad relativa

Relativele vochtigheid • Relative Feuchtigkeit • Umidità relativa • Humedad relativa
5% to 95% (no condensation)
5% à 95% (sans condensation)

Weight • Poids • Peso • Gewicht • Gewicht • Peso • Peso

Mini System & Boxes: 11 kg

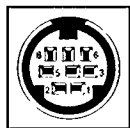
Dimensions (w x h x d) • Dimensions (l x h x p)

Dimensiones (a x a x p) • Afmetingen (b x h x d)
Abmessungen (B x H x T) • Dimensioni (l x h x p) • Dimensiones (anch. x alt. x prof.)
Mini System : 240 mm x 310 mm x 300 mm
Boxes : 200 mm x 310 mm x 240 mm

Input • Entrée • Entrada • Ingang • Eingang • Ingresso • Entradas

Wired controller

(1 port) 8-pin mini-DIN
(1 entrée) mini DIN 8 broches



pin	signal	I/O
Broche	Signal	E/S
1	rxd1	I/E
2	rxd2	I/E
3	txd1/tx2 O/S	
4	rts1	O/S
5	ground/Masse	-
6	cts	I/E
7	rts2	O/S
8	+5V (100 mA max.)	O/S

Note: Pointing device speed of 1200 baud is supported. • Remarque: Vitesse de transmission jusqu'à 1200 baud • Nota: Se admite un dispositivo de puntero de 1200 baudios de velocidad. • Opmerking: Voor de aanwijsapparaten is een snelheid van 1200 baud mogelijk. • Hinweis: Die Geschwindigkeit der Zeigevorrichtung von 1200 Baud wird unterstützt • Nota: Tollera la velocità dell'accessorio di comando di 1200 baud. • Nota: Velocidad del dispositivo de apunta admitida: 1200 baudios

Output • Sortie • Salida • Uitgang • Ausgang • Uscita • Saídas • Salidas

Connections

Audio (2XCinch)	1 Vrms into 10 k Ohm 2 channel individual RCA pin cinch sockets 1Veff 2 prises cinch (une par canal)
Video output (PAL) (CVBS)	1 Vpp (75 Ohm load, sync neg) RCA pin jack 1 Vc-c (charge 75 Ohm, sync. nég.) Prise cinch
RF-Modulator*	- Channel selector CCIR: CH 32-40 CCIR: CH 32-40 Preset: CH 36 Preset: CH 36
	- Out to TV 75 Ohm (IEC-M connector) 75 Ohm (IEC-M connecteur)
	- In from antenna 75 Ohm (IEC-F connector) 75 Ohm (IEC-F connecteur)
+5V/Audio connector	+5V DC (50 mA) +5V DC (50 mA) audio mono output < 1,55 Vrms. sortie audio mono < 1,55 Vrms.

*Available with some Mini-System versions only.

AMPLIFIER

Output power	2 x 24W MOP/6 Ω/THD 10%
Frequency response	20 - 20000 Hz
Signal-to-noise ratio	≥80 dBA (IEC)
Input	
MIC	3,5 mm socket Sensitivity 2,4 mV at 600 Ω Sensitivity 400 mV at 47 kΩ
AUX	

Outputs

Headphones	3,5 mm socket Impedance 32 Ω - 1000Ω
Loudspeakers	Impedance 6 Ω

TUNER

FM section	
Tuning range	87,5-108 MHz (50 kHz step)
Intermediate frequency	10,7 MHz
Antenna terminals	75 Ω(unbalanced)
Sensitivity	mono, 26 dB S/N; 2,5 uV
AM section	
MW Tuning range	522-1611 kHz (9 kHz step)
LW Tuning range	153-279 kHz (3 kHz step)
Intermediate frequency	450 kHz
Antenna	AM loop antenna

CASSETTE DECK

Track format	4 tracks, 2 channels
Tape speed	4,76cm/sec ± 3%
Frequency response	80 -14.000 Hz Normal tape (Type 1)
Signal-to-noise ratio (without Dolby NR)	≥52 dBA Normal tape (Type 1)
Wow and flutter	≤ 0,15 % DIN

CABINET

Material / finish	
Front	Polystyrene with decorative paint
Backplate	Metal with printing
Cover	Skinplate (metal with PVC coating)

Designs and specifications are subject to change without notice • La conception et les spécifications de ce produit sont sujet à modifications sans avis préalable • Los diseños y las especificaciones están sujetos a cambios sin previo aviso • Concepten en specificaties kunnen gewijzigd worden zonder voorafgaande verwittigen • Änderungen von Ausführung und tech-

nischen Daten vorbehalten • I disegni e le specifiche tecniche sono soggette a modifiche senza preavviso • As especificações descritas estão sujeitas a alteração sem aviso prévio • El diseño y las especificaciones están sujetos a cambios sin previo aviso

ACCESSORIES • ACCESSOIRES

SUPPLIED ACCESSORIES • ACCESSOIRES FOURNIS

These accessories are provided to help you use or set-up your CD-I Mini-system.

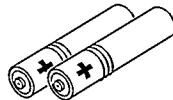
Ces accessoires sont fournis pour vous permettre d'utiliser ou d'installer votre lecteur de CD-I.



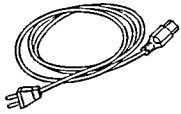
CD-i Controller
22ER9019



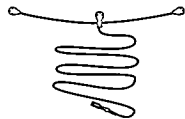
Mini-system remote control



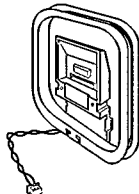
Batteries 2 piles
AAA



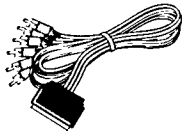
AC Cord
Cordon d'alimentation



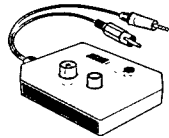
FM antenna wire



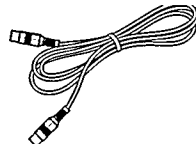
AM loop antenna



Euroconnector *
Cable
Câble péritélévision



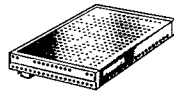
RF Modulator*
22ER9071



Antenna Cable *
(RF coaxial cable)
Câble d'antenne
(Câble RF)



Adaptor FEM/FEM *



Digital Video Cartridge*
Cartouche Digital Vidéo
22ER9956

* available on some player versions only * disponible uniquement sur certains modèles de lecteurs * disponible únicamente en determinadas versiones de reproductor * slechts op enkele versies aanwezig * nicht für alle Player-Modelle lieferbar * disponibile solo su alcune versioni di lettore * apenas disponible en algunas versiones

Dealer's name, address and signature • Nom, adresse et signature du revendeur • Name, Anschrift und Unterschrift des Händlers • Naam, adres en handtekening van de handelaar • Nombre, dirección y firma del distribuidor • Nome, indirizzo e firma del fornitore • Nome, morada e assinatura do vendedor • Forhandlerens navn, adresse og underskrift • Återförsäljarens namn, adress och namnteckning • Myyjän nimi, osoite ja allekirjoitus • Όνομα/Επώνυμο Αντιπροσώπου

The products and services described herein are not necessarily available in all countries.

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OPTIONAL ACCESSORIES • ACCESSOIRES EN OPTION

Maximize your pleasure with state-of-the-art accessories designed specifically for your CD-I Player.

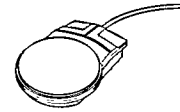
The optional accessories shown here may be purchased from your supplier.

Augmentez votre plaisir grâce aux accessoires d'avant-garde spécialement conçus pour votre lecteur CD-I.

Les accessoires en option présentés ici peuvent être acquis auprès de votre revendeur.



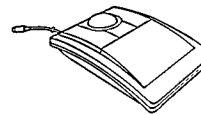
Gamepad
Clavier de jeux
22ER9021



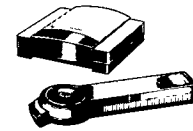
CD-I Mouse
Souris CD-I
22ER9011



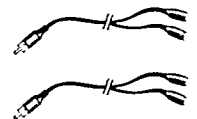
Roller Controller
Boule de commande
22ER9012



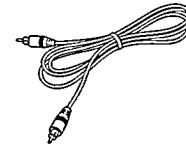
CD-I Trackball
Trackball pour CD-I
22ER9013



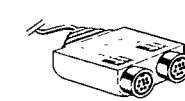
CD-I IR set
22ER9054



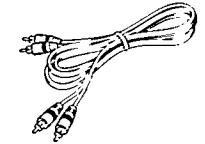
Audio stereo splitter
Doubleur pour Audio Stéréo
22ER 9209



Video (CVBS) Cable
Câble vidéo (CVBS)
SBV1127A01



I/O Port Splitter for 2 devices
Doubleur pour dispositif de pointage pour 2 commandes
22ER9208



Audio L-R cable
Double câble audio stéréo
SBA2135A01



Karaoke Microfoon
Micro Karoke
SBC3032
SBC3033
SBC3037

type no. of product • Numéro de série du produit

FW380i

Date of purchase • Date d'achat • Kaufdatum • Koopdatum • Fecha de compra • Data da compra • Data di acquisto • Kòbsdato • Kjøpedato • Inköpsdato • Ostorapárá • Ημερομηνία αγοράς

day • Jour month • Mois year • Année 19

Due to continuous product improvements this document is subject to change without notice

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