



***CD Interactive Player***  
***User's Manual***

**MODEL: VE-200**



## IMPORTANT NOTE

DK

### ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.  
Udskiftning må kun ske med batteri  
af samme fabrikat og type.  
Levér det brugte batteri tilbage til leverandøren.

N

### ADVARSEL

Eksplosjonsfare ved feilaktig skifte av batteri.  
Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten.  
Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

S

### KLASS 1 LASER APPARAT VARNING!

Om apparaten används på annat sätt än i denna bruksanvisning specificerats, känn användaren utsätts för osynlig laserstrålning, som överskrider gränsen för läserklass 1.

Explosionsfara vid felaktigt batteribyte.  
Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.  
Kassera använt batteri enligt fabrikantens instruktion.

SF

### LUOKAN 1 LASERLAITE + KLASS 1 LASER APPARAT VAROITUS!

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

Paristo voi räjähtää, jos se on virheellisesti asennettu.  
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

E

### CAUTION

Danger of explosion if battery is incorrectly replaced.  
Replace only with the same or equivalent type recommended by the manufacturer.  
Discard used batteries according to the manufacturer's instructions.

## 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. Fix new fuse which should be a BS1362 3A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

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

If the mains plug contains a fuse, this should have a value of 3A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 3A.

### NOTE

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

### How to connect a plug

The wires in the mains lead are colored 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 colored Black.
2. The Brown wire must be connected to the terminal which is marked with the letter 'L' or colored 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 colored 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.



This product is conformed to EMC regulation 89/336/EEC and is therefore marked with the CE label.

**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.

**NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.**

CLASS 1  
LASER PRODUCT

KLASS 1  
LASERAPPARAT

LUOKAN 1  
LASERLAITE

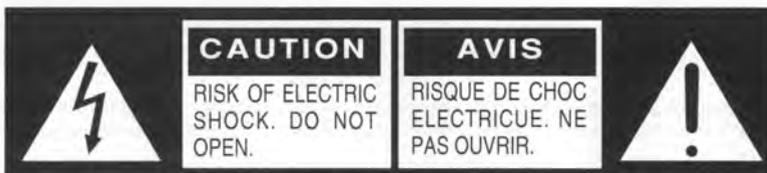
# WARNING

To enjoy all features and functions of this new unit, read this instruction booklet carefully and completely.

## WARNING

**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.**

### KNOW THESE SAFETY SYMBOLS



This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, do not remove the product covering.



The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

**"Note to CATV system installer":** This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

The model number and serial number of this unit can be found on the bottom panel of the system. Please write them in the spaces below for future reference.

Model Number: VE-200

Serial Number: \_\_\_\_\_

# WARNING FOR USA/CANADA

## WARNING

This product contains a laser. Any owner adjustments, customizations, or modifications to this product may result in hazardous radiation exposure. Do not open covers or attempt to repair anything yourself. Refer this unit to a qualified service technician for all repairs. Class 1 Laser Product : this product contains a Class 1 Laser in the CD-i unit. This device complies with 21 CFR1040. 10.

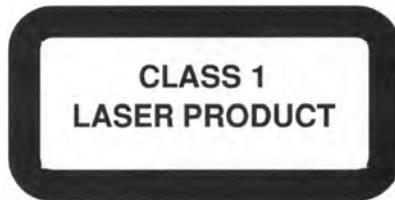
## LASER SAFETY :

This unit uses a laser. Due to possible eye injury, only a qualified service technician should remove the cover or attempt to service this device

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.

## CAUTION :

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



## CAUTION :

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

## ATTENTION :

POUR ÉVITER LES CHOC ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

# WARNING FOR USA/CANADA

## NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures;

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## IMPORTANT:

This product was FCC verified under test conditions that included use of shielded cables and connectors between system components. It is important that you use shielded cables to reduce the possibility of causing interference to radios, television sets, and other electronic devices. If you have any problems, contact your dealer.

Any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the user's authority to operate such equipment.

# IMPORTANT SAFETY INSTRUCTIONS

1. **Read Instructions**-All the safety and operating instructions should be read before the product is operated.
2. **Keep Instructions**-The safety and operating instructions should be kept for future reference.
3. **Heed Warnings**-All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions**-All operating and use instructions should be followed.
5. **Cleaning**-Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.  

Exception: A product that is meant for uninterrupted service and that for some specific reason, such as the possibility of the loss of an authorization code for a CATV converter, is not intended to be unplugged by the user for cleaning or any other purpose, may be excluded from the reference to unplugging the appliance in the cleaning description.
6. **Attachments**-Do not use attachments not recommended by the video product manufacturer as they may cause hazards.
7. **Water and Moisture**-Do not use this product near water- for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; etc.
8. **Accessories**-Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should

follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

8A.

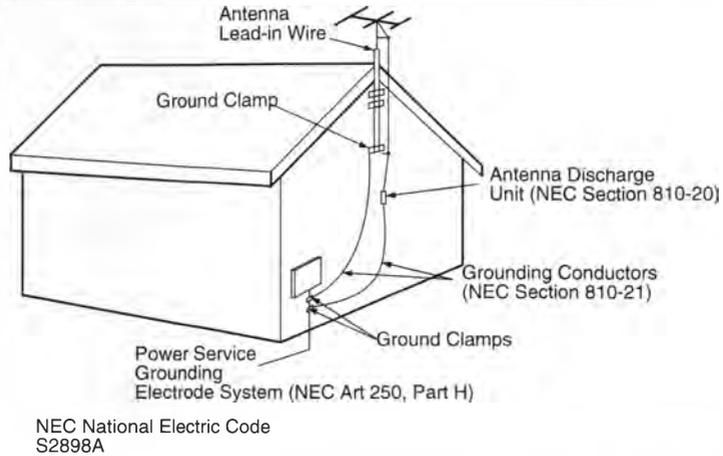


An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

9. **Ventilation**-Slots and openings in the cabinet are provided for ventilation; to ensure reliable operation of the product; to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been followed.
10. **Power Sources**-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your product dealer or local power company. For products intended to operate on battery power, or other sources, refer to the operating instructions.
11. **Power-Cord Protection**-Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

# IMPORTANT SAFETY INSTRUCTIONS

Fig-A



12. **Protective Attachment Plug**-The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
13. **Outdoor Antenna Grounding**-If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code ANSI/NFPA 70 provides information about proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig-A.
14. **Lightning**-For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
15. **Power Lines**-An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits.  

When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
16. **Overloading**-Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.

# IMPORTANT SAFETY INSTRUCTIONS

17. Object and Liquid Entry-Never push objects of any kind into this product through openings, they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
18. Servicing-Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
19. Damage Requiring Service-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power-supply cord or plug is damaged.
  - b. If liquid has been spilled, or objects have fallen, into the product.
  - c. If the product has been exposed to rain or water.
  - d. If the product does not operate normally by following the operation instructions.  
Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e. If the product has been dropped or the cabinet has been damaged.
- f. When the product exhibits a distinct change in performance-this indicates a need for service.
20. Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or parts that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
21. Safety Check-Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
22. Carts and Stands-The appliance should be used with a cart or stand that is recommended by the manufacturer.
23. Heat-The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

## Environmental information

Your CD-i player contains material which can be recycled and reused. At the end of the product's life, specialized companies can dismantle the discarded player to concentrate the reusable materials and to minimize the amount of materials to be disposed.

# INTRODUCTION

*We are pleased to introduce you to one of the most innovative products available today: the Compact Disc interactive player. You'll be surprised how easy it is! You simply 'point-and-click' to explore the intriguing new world of interactive Compact Disc.*

*Your CD-i player also plays CD-DA (audio compact discs) and audio tracks from CD-ROM discs. The player also runs interactive Digital Video titles including movies, music videos and high-power action games as well as Video CD's.*

*In addition it can play the following disc types: Photo CD, CD-i Ready, CD Bridge, and CD Graphics (CD+G).*

*A wide variety of optional accessories enhances the player's flexibility. Contact your supplier.*

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

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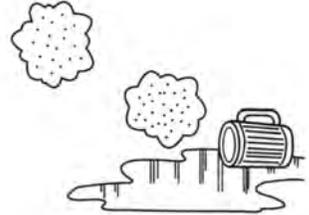
# PRECAUTIONS

Please read these precautions before you operate this unit.

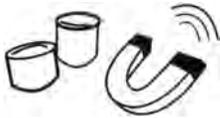
## During Installation



Avoid direct light, extreme heat, cold, moisture and dust.



Avoid using near a magnetic field. (This will adversely affect the unit's performance.)



Do not install and use in very cold temperatures.



## In use

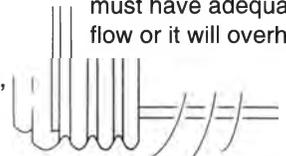
Use the unit in a horizontal position, and do not place anything heavy on it.



Do not insert metal material or foreign objects in the unit (a hair pin, a screw, and papers, etc.).



Do not restrict the ventilation openings. The unit must have adequate air-flow or it will overheat.



# PRECAUTIONS

When you do not use this unit or lightning is flashing, pull the power plug out from the outlet.



When you remove the plug from the outlet, pull the cord out by holding the plug.

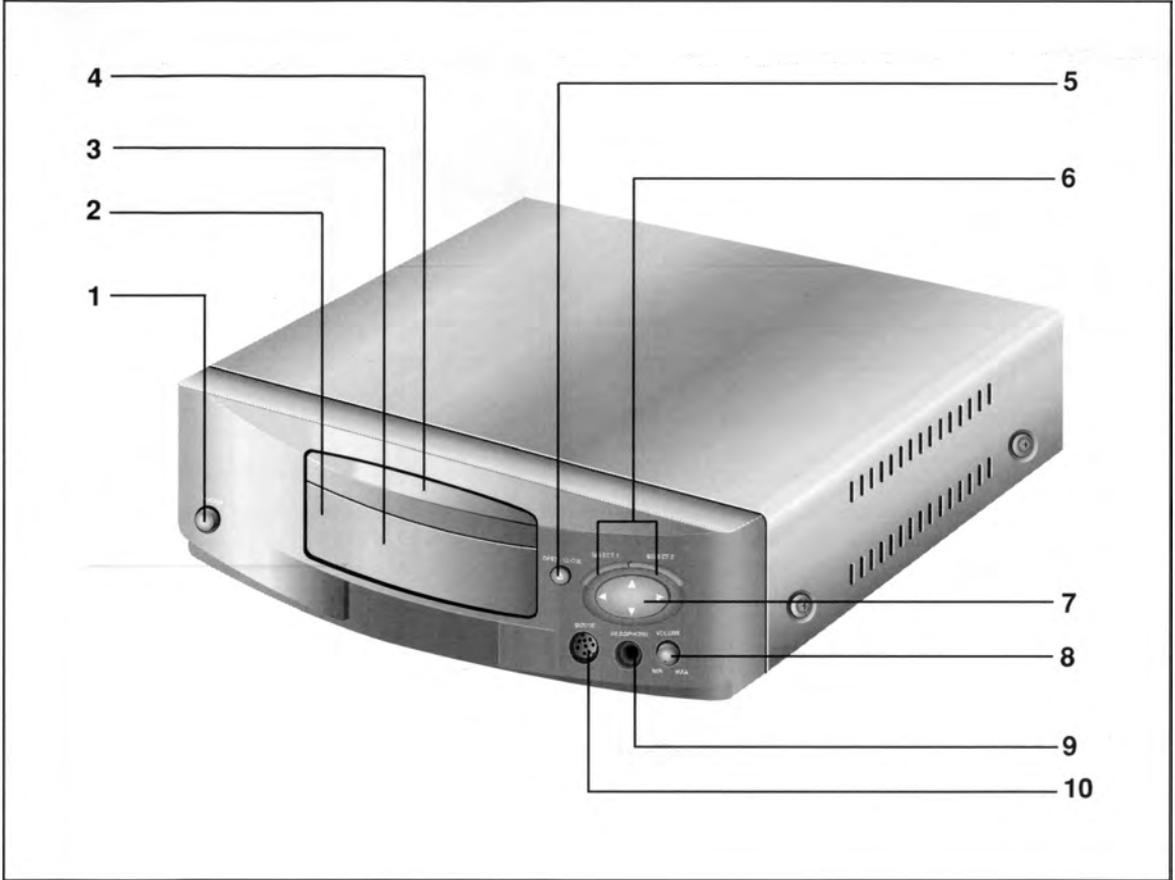


Be careful when you place the unit on cloth, because the bottom of the unit becomes hot during use.

# PARTS AND CONTROLS

## Player

### ● Front



- |                            |                                       |
|----------------------------|---------------------------------------|
| 1. Power button            | 6. Action buttons (Select 1, Select2) |
| 2. Remote control receiver | 7. Thumb pad                          |
| 3. Digital display         | 8. Headphone volume control           |
| 4. CD-tray                 | 9. Headphone socket                   |
| 5. Open/Close button       | 10. Input port #1 (MOUSE)             |

# PARTS AND CONTROLS

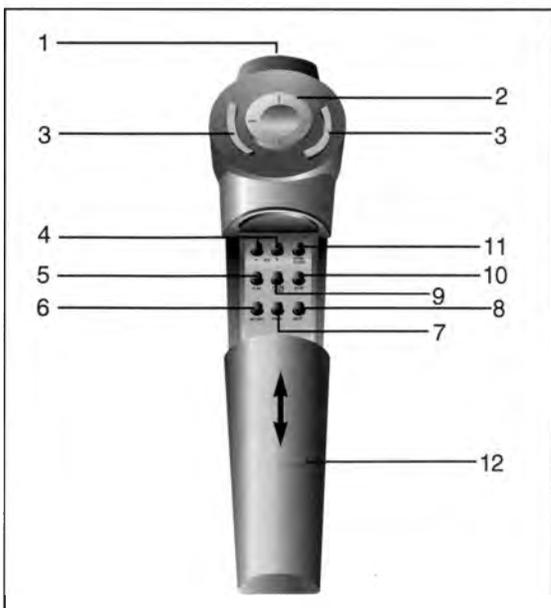
## ● Rear



1. Audio output (Right)
2. Audio output (Left)
3. Video (CVBS) output
4. DC output

5. NTSC/PAL Selection switch
6. Printer port
7. Input port #2 (MODEM)

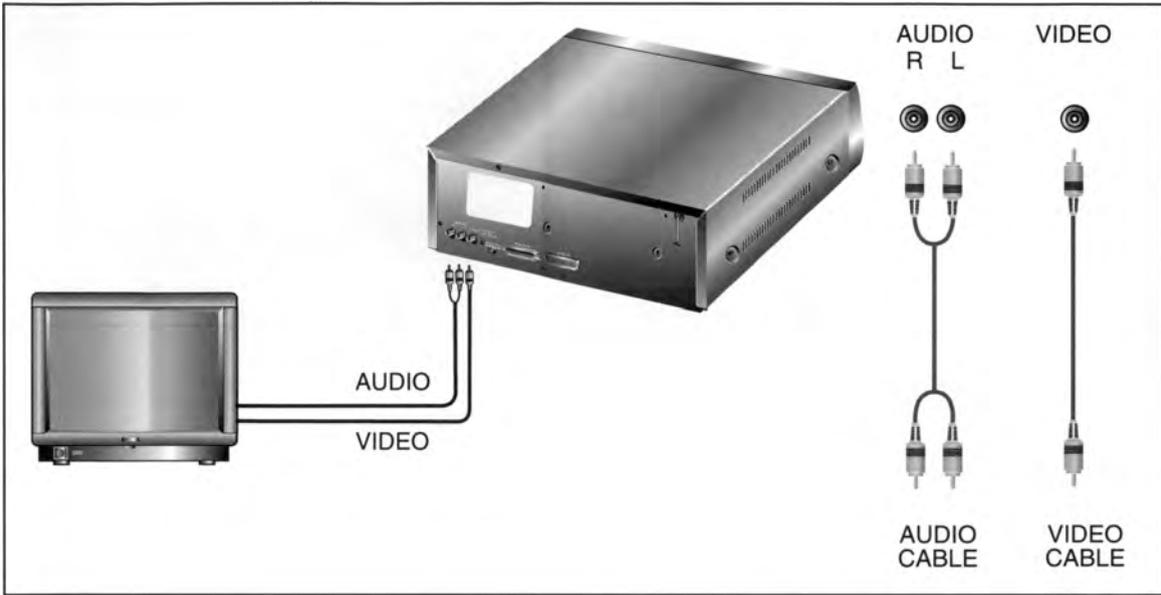
## Remote Control



1. Infra-red remote transmitter
2. Thumb pad
3. Action buttons (Left/Right)
4. Volume control buttons (+, -)
5. Play button
6. Return button
7. Previous button (CD-Audio + Video CD)
8. Next button (CD-Audio + Video CD)
9. Pause/Continue button (CD-Audio + Video CD)
10. Stop button (CD-Audio + Video CD)
11. Open/Close button
12. Sliding Cover

# INSTALLATION

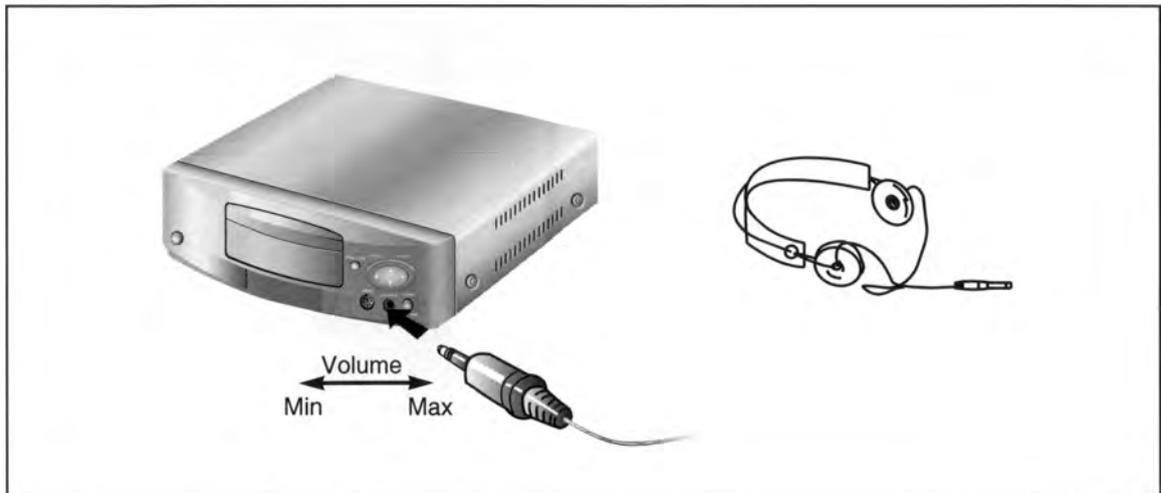
## Connecting a TV



### Note:

Make sure to switch the TV input selector to the external video source.

## Connecting a Headphone



# INSTALLATION

## Connecting a wired CD-i pointing device



- Your CD-i player can be operated with optional wired pointing devices.
- Wired pointing devices can be connected to input port 1.
- A wired pointing device connected to input port 1 can be used simultaneously with the built-in Touchpad Controller.

## Remote Control

### Remote control interactive operation

For normal interactive operation, use the remote control to select functions displayed on the TV screen.

- Point the remote control at your CD-i player.
- Move the cursor in the direction you want by pressing in that direction on the *Thumbpad*.
- The harder you press the faster the cursor moves.
- Click on one of the action buttons.
- The function selected by this *Point-and-click* technique is highlighted to confirm the selection.

### Note:

- To 'Point-and-click' on any screen shown in this manual, any one of the action buttons can be used.
- The Shape of the cursor is different according to the program you are playing, but it is always controlled in the same way.
- Not every function will be available if the disc is not 100% compatible.
- Some non-standardized discs may not be played back.

### How to install batteries

The wireless remote control is powered by two "AAA" size batteries.

- 1 Remove the battery compartment lid. (Lift it up while pressing the tap forward.)
- 2 Load the new batteries with their polarities ( $\oplus$  and  $\ominus$ ) aligned properly and replace the lid.

If you do not intend to use the remote control unit for a long period of time, remove the batteries and store in a cool dry place.



## Switching on and off



- Press the Power button (ON/OFF) button (1) to switch the player on.
- The Digital display (3) lights up.
- Switch on the TV and HiFi system if used.
- Select the CD-i input on the TV and HiFi system if used.

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

- Press the ON/OFF button (1) to switch the player off.
- Switch off the TV and HiFi system if used.

## System information (on screen):



- **OPEN**  
Indicates that the disc tray is open (or not fully closed).
- **DISC**  
Means that there is no disc in the player or the disc can not be read due to damage or dirt.
- **OPTIONS**  
See: "Options screens".  
To get "Options screens" click on "Options"  
To leave "Options screens" click on "Exit".

## Options screens

### 1. General Options

To change the player's general settings:

#### Auto play

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

#### Volume

Selecting the player default volume setting.

#### Dim Time (min)

On all screens shown in this manual (except the 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 device(s).

- When finished, click on "Exit".

### 2. 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 be played automatically in a random order.

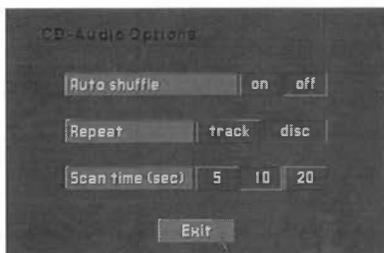
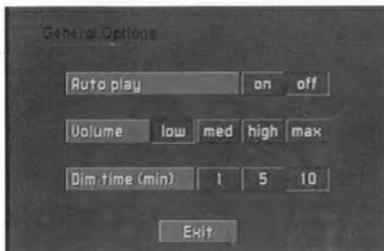
#### Repeat

Select this icon to repeat playback of 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 (5, 10, or 20 seconds) when the scan function is activated.

- When finished, click on "Exit".





## 3. Time and Date Options

To change the player's time and date settings.

### Time / Date

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 to display the time and date on the display.

- When finished, click on "Exit".

## 4. Storage Options

Use this option to refer to CD-i titles and programs created for 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.

- Click on 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".
- When finished, click on "Exit".



## Loading a disc

1. Open the CD-Tray pushing the Open/Close button.
2. Insert the Disc into the player with the label side up.
3. Close the CD-Tray by pushing the Open/Close button.



## Unloading a disc

1. Push the Open/Close Button to open the CD-Tray.
2. Remove the disc from the player.

You may unload the disc at any time. Unloading a CD-i disc while a 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.

### CAUTION

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

## Playing a CD-i disc

Certain aspects of CD-i disc playback depend on the value of Auto play (see setting up, page 16). The factory setting is default "OFF".

1. When autoplay is "ON".  
After loading the disc, the CD-i program will start up automatically.
2. When autoplay is "OFF".  
After loading the disc, the CD-i start up screen will appear on the Display.  
To start the CD-i program select and click the "Play" icon on the screen or press the Play button on the CD-I Player.

The opening screen of the CD-i program now appears on the Display. 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.

When a title consists of more than one consecutive disc, a so called 'multi-disc' title, follow the instructions for opening and closing the CD-Tray as shown on the screen.

### Notes:

- This procedure is the same for CD BRIDGE discs, CD-i READY discs, PHOTO CDs, Digital Video Disc and Video CDs.
- When using the CD-i READY disc, you can select the "Play" or "Play Audio" icon to operate the disc.  
("Play" : used to operate the CD-I title  
"Play Audio" : used to operate the CD-DA title)
- Some non - standardized VCD 2.0 discs can't be operated with "PLAY" function.

"Play VCD 2.0" is the function to operate the non-standardized VCD 2.0. So this function can be used to operate the title which is not operated with "PLAY" function.

In the Play VCD 2.0 mode, the action button Left (●) of mouse and remote control shows the menu when it isn't on the screen and operate the menu in the normal state.

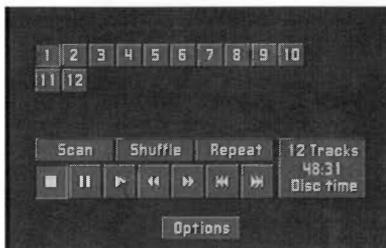
And action button Right (●●) is only used to show and delete the menu.



### CAUTION

WHEN USING A TV, NEVER LEAVE A STILL PICTURE ON THE TV SCREEN FOR ANY LENGTH OF TIME. THIS CAN CAUSE THE IMAGE TO "BURN IN" ON THE PICTURE TUBE. ALWAYS SWITCH OFF THE PLAYER OR REMOVE THE DISC IF NOT IN USE.

## Playing an Audio disc



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

1. **Play track bar:** shows the total number of tracks (up to 20). You can 'point and click' to select any track. For discs with more than 20 tracks, the right ► and left ◀ scroll arrows are used to move through the track list.
2. **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 by using the 'Options' screen.
3. **SHUFFLE:** allows you to play the tracks in the play track bar in a random order.
4. **REPEAT:** allows you to repeat either one track or the entire disc. You can change the repeat mode in the 'Options' screen.
5. **TRACK/TIME** window:
  - after loading, and in STOP mode, this shows the total number of tracks and the total playing time. When you click on 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 switch between elapsed and remaining time, 'point-and-click' at the time shown in the window.
6. All the disc play control functions are shown on the screen, and can be selected. The operation of the functions is briefly explained in the next page.

### Note:

If auto SHUFFLE has been selected on the "CD Audio Options" 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 restarted. If a track is paused, pressing this button resumes playback.

**Note:** When play starts adjust the sound level as required.

### *Select a track*

### **Track number**

if the disc contains more than 20 tracks, use the left ◀ and right ▶ scroll arrows to move through the track numbers as required.

### *Pause*

### **Pause ||**

interrupts the play mode

### *Exit pause*

### **Pause or Play**

play restarts at exactly the same point as pause was selected.

### *Forward search*

### **Forward >>**

searches forward through the disc, first slowly, then quickly.

### *Reverse search*

### **Reverse <<**

searches backwards through the disc, first slowly, then quickly.

### *Stop play*

### **Stop ■**

use to stop playing the disc. 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**

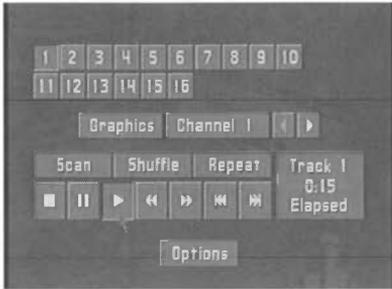
normal play starts from this point.

### *Repeat*

### **Repeat**

repeats the entire disc, or the track being played, as selected on the "CD Audio Options" screen.

# PLAYING DISCS



## Playing a CD Graphics disc

When an audio CD with graphics is played, the CD Graphics screen will appear automatically.

- To see the CD Audio screen, click on the action button as the CD graphics is playing.
- You can see the CD graphics by clicking the "Graphics" Icon on the CD Audio screen.

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.

## Playing a Photo CD

After loading the disc, the CD-i start-up screen appears on the Display.

- To start the Photo CD program select the "PLAY" icon on the screen or press the PLAY button on the CD - i Player.
  - The opening screen of the Photo CD program now appears on the Display.
  - 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) on 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 TV SCREEN FOR ANY LENGTH OF TIME. THIS CAN CAUSE BURNING-IN OF THE IMAGE ON THE PICTURE TUBE. ALWAYS SWITCH OFF THE PLAYER OR REMOVE THE DISC WHEN NOT IN USE (SEE DIM OPTIONS Page 16).

## Using the Input ports

- The two Input ports are located on the CD-i player. (Input port 1 on the left side of the Unit, Input port 2 on the rear of the unit).

These Ports are used as follows;

1. Input Port 1: CD-i pointing Device, CD-i key board.



INPUT PORT 1(MOUSE)

2. Input Port 2: CD-i pointing Device, CD-i Modem (optional), RS-Based peripherals.

The touchpad controller and the remote control can be used simultaneously with the CD-i pointing device hooked up to Input port 1.



INPUT PORT 2(MODEM)

# BEFORE REQUESTING SERVICE

If it appears that the CD-i player is faulty, first consult this checklist.

It may be that something simple has been overlooked.

Under no circumstances attempt to repair the system yourself; this will invalidate the warranty.

## **No power**

- Reset by switching the player off, then on again.
- Check that both plugs of the power supply are properly connected.
- Check that there is power at the AC outlet (by plugging in another appliance)

## **Controller does not operate**

- Reset by switching player off, then on again.

## **No picture**

- When using the TV, select the same channel or input on the TV as that of the player or check the video connection.

## **Distorted picture**

- Check the disc for fingerprints and clean with a soft cloth, wiping from center to edge.

## **Interference pattern on TV**

- Avoid positioning of video and audio cables too close to power supply.

## **No start-up**

- Check to see if the disc door is properly closed.
- Make sure the disc label is facing up.

## **Screen does not change**

- Clean the disc.
- Check if the disc is defective by trying another disc in the player.

## **No sound**

- Check audio connections.
- If using a HiFi Amplifier, try another sound source.

## **Distorted sound from Hi-Fi amplifier**

- Check to ensure that audio connections have not been made to the amplifier phono input.

## **No play with Video CD 2.0 disc**

- Click the "Play VCD 2.0" icon on the lower position of the "Menu Screen".

# SPECIFICATIONS

## Formats

CD-i	CD-i Digital Video	CD-DA
CD-Graphics	Photo CD	Video CD

## System

CPU	: MC68340, 15 MHz
System ROM	: 512 KB
System RAM	: 2.5MB
Video processor	: VDSC (Motorola)
IMPEG (Motorola)	

## TV Standard

System	NTSC/PAL (all outputs)
Resolution	NTSC-384 (H) x 240 (V) pixels PAL-384 (H) x 280 (V) pixels

## I/O and Control Ports

### Port 1:

Connector type	8-pin mini DIN (female)
Usage	Standard CD-i pointing devices, keyboard
Baud rates	1,200 and 9,600

### Port 2:

Connector type	25pin D-Subminiature (male) -Modem (optional)
Usage	Standard CD-i pointing devices & other RS 232C devices
Baud rates	75, 150, 300, 1,200, 2,400, 4,800, 9,600, 19,200 and 38,400.

## Video Output

### Composite (CVBS):

Output connector	RCA JACK
Output level	1.0 Vpp $\pm$ 10 % (75 ohm)

## Audio Output

Output connector type	RCA JACK x 2 (left/right)
Output level	2.0 Vrms $\pm$ 3 dB (1 KHz)
Headphone	30mW x 2

## Switching Power Supply

	NTSC	PAL
Voltage	AC 120V	AC 230V
Frequency	60 Hz	50 Hz
Power consumption	18 W	18 W

## Dimensions & Weight

Player	360 W x 93 H x 322 D (mm)
Weight	3.5Kg

## Supplied Accessories

These Accessories are provided to help you use or set-up your CD-i player.

- Remote control



- Battery for Remote controller ("AAA" size)



- Audio cable(L/R)



- Video cable



※ Specifications are subject to change without notice.



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