



CD 303/300

192kHz/24Bit Digital to Analog Converters
HDCD Decoding
Digital sample rates from 44.1kHz to 768kHz
Set up and Owners Manual



NOTE:

Before installing your new CD 303/300 HDCD PLAYER, please read this manual carefully, as it will inform you of the specifications, sample rate conversion, proper installation and operation procedures. Also included in this manual are guidelines on how to properly care for your new player. Thank you for buying a Cary Audio Design CD 303/300 HDCD PLAYER!

[HDCD], HDCD®, High Definition Compatible Digital® and Pacific Microsonics™ are either registered trademarks or trademarks of Pacific Microsonics, Inc. in the United States and/or other countries.

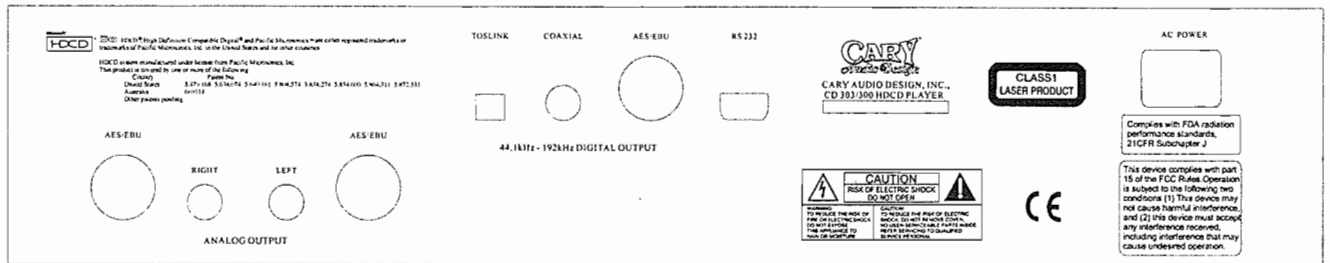
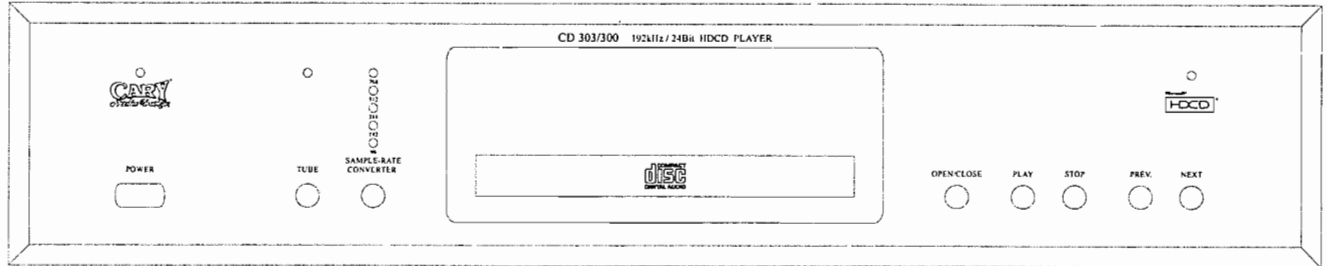
HDCD system manufactured under license from Pacific Microsonics, Inc.

This product is covered by one or more of the following:

<u>Country</u>	<u>Patent No.</u>
United States	5,479,168 5,638,074 5,640,161 5,808,574, 5,838,274 5,854,600 5,864,311 5,872,531
Australia	669114
Other patents pending.	



CD 303/300 HDCD PLAYER



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Notice Important Safety Information



CAUTION: To reduce the risk of electric shock, do not remove the cover. No user service-able parts inside. Refer to qualified personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the products enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

- 1. Read All Instructions:** All the safety and operating instructions of your Cary Audio equipment should be read before power is applied to the equipment.
- 2. Retain Owner's Manual:** These safety and operating instructions should be retained for future reference.
- 3. Heed Warning:** All warnings on the unit and in the operating instructions should be adhered to.
- 4. Follow Instructions:** All operating and use instructions should be followed.
- 5. Cleaning:** Unplug the unit from the wall outlet before cleaning. The unit should be cleaned only as recommended by the manufacturer.
- 6. Attachments: Do not** use attachments not recommended by the unit manufacturer as they may cause hazards.
- 7. Water and Moisture: Do not** use the unit near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool.
- 8. Accessories: Do not** place the unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a child or adult, and serious damage to Any mounting of the unit should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer
- 9. Ventilation:** Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the unit and to protect it from overheating, and these openings must not be blocked or covered. The top or bottom panel openings should never be blocked by placing the unit on a bed, sofa, rug, or other similar surface. The unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. There should be free space of at least 6 inches (16cm) and an opening behind the unit.
- 10. Grounding or Polarization:** The unit may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you cannot insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact a licensed electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 11. Power Sources:** The unit 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 unit dealer or local power company
- 12. Power-Cord Protection:** Power-supply cords should be routed so that they are unlikely to be walked on or pinched by items placed upon or against them, paying particular attention to cords where they enter a plug, or a convenience receptacle, and the point where they exit from the unit.
- 13. Outdoor Antenna Grounding:** If an outside antenna or cable system is connected to the unit, 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 regarding 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,
- 14. Lightning:** For added protection for the unit 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 unit 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, take extreme care to keep from touching such power lines or circuits as contact with them might be fatal.
- 16. Overloading:** Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 17. Object and Liquid Entry:** Never push objects of any kind into the unit through openings as 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 unit.
- 18. Servicing:** Do not attempt to service the unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 19. Replacement Parts:** When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 20. Safety Check:** Upon completion of any service or repairs to the unit, ask the service technician to perform safety checks to determine that the unit is in proper operation condition.

Notice Important Safety Information

21. Wall or Ceiling Mounting: The unit should be mounted to a wall or ceiling only as recommended by the manufacturer.

Heat: The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.

22. Important Safety Note

Before connecting a new component such as the CD 303/300 to your audio or home theater system it is always good practice to make certain that all components are turned off, and preferably unplugged from their AC power source. Many modern electronics products feature automatic turn-on circuits that may be activated during an installation, causing the potential for damage to electronic components and/or speakers. Such damage is not covered by product warranties and Cary Audio Specifically disclaims responsibility for any such damage.

Power Cord

The removable power cord that is shipped with the CD 303/300 is specifically designed to be used with this product. DO NOT use any other power cord, as that may reduce the unit's performance and possibly create a safety hazard. In particular, DO NOT use standard IEC type power cords designed for computers and other business equipment products, as they have a three prong plug that is not meant for use with the CD 303/300. Should the power cord require replacement, use an identical type, or contact Cary Audio for service.

AC Fuse

The fuse is located inside the chassis and is not user-service-able. If power does not come on, contact your authorized service station.

Wiring

Cables that run inside of walls should have the appropriate markings to indicate compliance with, and listing by the UL, CSA or other standards required by the UL, CSA, NEC or your local building code. Questions about cables inside of walls should be referred to a qualified custom installer, or a licensed electrician or low-voltage contractor.

Do Not Open The Cabinet

There are no user serviceable components inside this product. Opening the cabinet may present a shock hazard, and any modification to the product will void your guarantee. If water or any metal object, such as a paper clip, coin or a staple, accidentally falls inside the unit, disconnect it from the AC power source immediately and contact Cary Audio for further instructions.


Recording Copyright

Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to article 820-40 of the NEC, ANSI/NFPA 70, 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.

FCC Information for User

 **CAUTION:** ANY changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

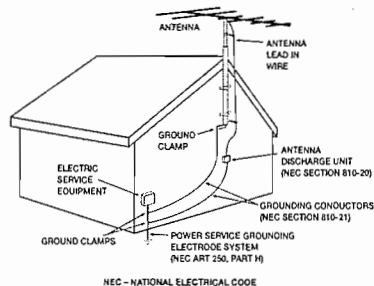
Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Outdoor Antenna Installation

Safe Antenna and Cable Connection

If an outside antenna or cable system is connected to the equipment, be sure the antenna or cable system is grounded so as to provide some protection against built up static charges and voltage surges, Section 810 of the national Electrical Code, ANSI/NFPA70 (in Canada, part 1 of the Canadian Electrical Code) provides information with respect to 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.



Keep Antenna Clear of High Voltage Power Lines or Circuits

An outside antenna system should be located well away from power lines, electric light or power circuits and where it will never come into contact with these power sources if it should happen to fall. When installing an outside antenna, extreme care should be taken to avoid touching power lines, circuits or other power sources as this could be fatal. Because of the hazards involved, antenna installation should be left to a professional.

CD 303/300 TECHNOLOGY

The Cary Audio Design CD 303/300 is the latest in a series of optical disc players that use a specially selected Read Only Memory (ROM) drive for reading. The ROM drive allows multiple passes to be made, ensuring that the correct data are recovered from the disc and improves the standard Compact Disc's error-correction capabilities by a factor of a hundred fold. It also allows complete buffering of the recovered data.

To ensure the lowest possible jitter in the digital circuitry the CD 303/300 incorporates three buffers. Two of these buffers are configured as 'First In First Out' buffers (FIFO). By the time the data is passed to the Digital to Analog Converters (DACs) or to the digital output, the jitter is incredibly low - in fact the CD 303/300 has the lowest jitter we have ever measured on a CD player: around 90 picoseconds, with the jitter spectrum held below 0.1Hz.

The signal path includes proprietary design error correction and concealment, and Cary Audio Design's acclaimed 'Resolution Enhancement' DSP circuitry, in which the original 44.1kHz, 16-bit audio is first expanded to 24 bits and then can be upsampled to 96, 192, 384, 512 and 768kHz in one of three 190 Millions of Instructions Per Second (MIPS) processors operating with 48-bit internal precision. This is 'true' DSP upsampling, unlike anything else available in the marketplace.

This upsampling allows conversion-related filtering to take place far above the limits of normal human hearing range, so that there are no audible artifacts added to the sound - simply offering pure music from your CD disks. The CD 303/300 employs exquisite multi bit over-sampled delta-sigma Digital to Analog (D/A) converters, combined with a matching proprietary analogue output stage of the highest quality. To ensure the finest sound, the CD 303/300's construction employs separate motherboard and DSP board. Each board has its own power supplies and buffering so that each section - computer, decoder, FIFO buffers, DSP upsampling, D/A conversion and digital output is separately powered with clean power. As is traditional with Cary Audio Design products, the construction uses audiophile-grade capacitors throughout and each component - even each resistor - has been selected for its unique sonic contribution. The PCB boards are all multi player, many of them using 6-layer technology for the lowest possible noise, jitter and to ensure optimum grounding.

OUR SONIC OBJECTIVE

All of us at Cary Audio Design have the view that sound should be totally natural in the midrange, and that the high and low ranges should never intrude – but should remain precisely as originally recorded. We believe that the tonality of our player is best judged with the finest recordings of human voice, piano and violin. We audition our new designs using recordings like these, and if they sound 'wrong' in any way, the design is not accepted.

Another important target for us is that the player must reveal the 'acoustic space' in the original recording. Cary Audio Design CD players, and CD 303/300 in particular, are unique in their ability to allow the listener to hear 'depth' in the recording and to interpret the side and back walls of the original recording location.

Most of all, the words we would use to describe the sound of the CD 303/300 are 'exquisitely musical'. Those who are lucky enough to own this Vacuum Tube Output Stage HDCD CD Player will find immense enjoyment, and new depth and subtlety in their favorite well-loved recordings, gaining a lifetime of musical insight that is simply not possible with lesser designs.

Tube output sound or solid state output sound

The CD 303/300 is designed with dual output stages. It offers a solid state output section and a vacuum tube based output section, either of which may be switched in or out of use 'on the fly' so that an instant comparison of the two may be done. Both the solid state and the vacuum tube based sections have three digital outputs. The digital output section can run at a sample rate of 44.1kHz or can be upsampled to either 96kHz or 192kHz.

SPECIFICATIONS

Operating the CD 303/300 HDCD player is a simple procedure, since each unit is designed for long term stability in virtually any home operating situation. However, if the unit is operated outside the parameters outlined in this owner's manual, damage may result. Please read this manual carefully before putting your new Cary Audio Design CD 303/300 in operation. The following definitions are applicable to this manual. Please follow these definitions carefully.

WARNING!

HAZARD PRESENTS PERSONAL INJURY OR DEATH

Caution!

EQUIPMENT DAMAGE MAY OCCUR BUT NOT PERSONAL INJURY

Note:

Proper performance of the CD PLAYER cannot be ensured
if disregarded

1.1 Specifications

The following section describes the CD 303/300 HDCD player basic specifications. Specifications are subject to change without notice or obligation.

CD Mechanism	Triple-beam laser, multi speed CD/DVD ROM transport
Formats	CD AUDIO (CD-DA), CD-R, CD-RW
Master Clock Jitter	Below measurable levels
Digital Filter	CARY DSP-300 with HDCD decoding
Digital to Analog Converters	(2) Burr Brown PCM1792U
Analog Filter	3 rd Order Bessel
Analog Outputs	Balanced XLR , Single – Ended RCA
Digital Outputs	AES/EBU, Coaxial, Toslink operating at Fs from 44.1kHz/16 bit to 192kHz/24 bit
Tube	12AU7/ECC82 x 2 balanced operating
Frequency Range	2 Hz - 22 kHz (44.1kHz)
Amplitude Linearity	0.1 dB (20Hz - 20kHz)
Phase Linearity	3° (20 Hz - 20 kHz)
Dynamic Range	132dB (1kHz)
Signal-to-Noise Ratio	127dB (1kHz)
Channel Separation	109dB (1kHz)
Total Harmonic Distortion	0.0004% (1kHz)
Audio Output Level	3.0V RMS
Balanced	6.0V RMS
Control Port	RS232 full remote control and configuration interface
AC Power	Set at factory, 100-120 or 200-240 Volts AC, 50-60 Hz
Power Consumption	60 Watts

INSTALLATION

This section describes the unpacking and installation procedures for the CD 303/300 player.

WARNING!
**MAKE NO ATTEMPT TO PUT THE CD 303/300 CD PLAYER IN SERVICE
WITH THE TOP COVER REMOVED.**
**CONTACT WITH THE HIGH VOLTAGE INSIDE THE CD 303/300 PLAYER
CAN BE FATAL !**

2.1 Unpacking

All shipping containers have been specifically designed to protect their contents and special care has been taken to prevent damage under normal shipping conditions.

Mishandling should be evident upon inspection of the shipping container. If the CD 303/300 player mechanism or other damage is found after unpacking and visual inspection, take care not to destroy the evidence so that the shipping agent may inspect the damage. If necessary, document the damage with photographs and contact the shipping company immediately.

Carefully remove your CD 303/300 HDCD player from its packing carton and examine it closely for signs of shipping damage. It is highly recommended to save all original packing cartons to protect your CD 303/300 from damage should you wish to store it or ship it for after-sales service. Replacement cartons and packing are available at a nominal charge from Cary Audio Design, if ever required.

2.2 Placement

In general, the location of your new CD 303/300 is not critical. However, certain precautions must be taken to ensure optimum performance. Avoid extremely hot locations such as near radiators or other heating units. Avoid getting it wet or using it near water. Do not stack the CD 303/300 on top of a power amplifier. Allow 4-6 inches (10-15cm) above the unit for proper ventilation.

2.3 Power Requirement

The CD 303/300 HDCD player is designed to operate from AC mains current. The design voltage is either 100-120V or 200-240Volts AC, 50-60 Hz.

2.4 Connections

Digital Outputs : The outputs send a digital signal and should only be connected to the appropriate digital signal input of an accompanying component.

Analog Outputs : These are for connection to the CD or AUX input jacks of an accompanying preamplifier.

OPERATION

Signal output connection is made via the output jacks on the rear panel of the CD 303/300. The analog or digital output interconnect cables should go to the input connections on the accompanying preamplifier or Digital to Analog processor. The choice of high quality, shielded interconnect cable is important and we recommend them highly. Your audio dealer will have the proper cables in stock for this purpose.



3.1 Operation

Your new CD 303/300 HDCD player is ready for operation after interconnect cables have been installed.

3.2 Power On and Standby Mode

When your CD 303/300 is connected to the power supply, the unit will switch to the Standby mode automatically. This is a convenient feature for users to turn the power on and off with the remote control handset.

3.3 Front Panel Features

POWER BUTTON: This switches the power ON and OFF.

TUBE BUTTON: This button switches the analog outputs sections between the vacuum tube section and the solid state section, as you prefer.

SAMPLE-RATE CONVERTER BUTTON: For selection of the internal D/A sample rate.

REMOTE SENSOR: Receives the signals from the remote control.

DISPLAY: Gives information on the functioning of the player.

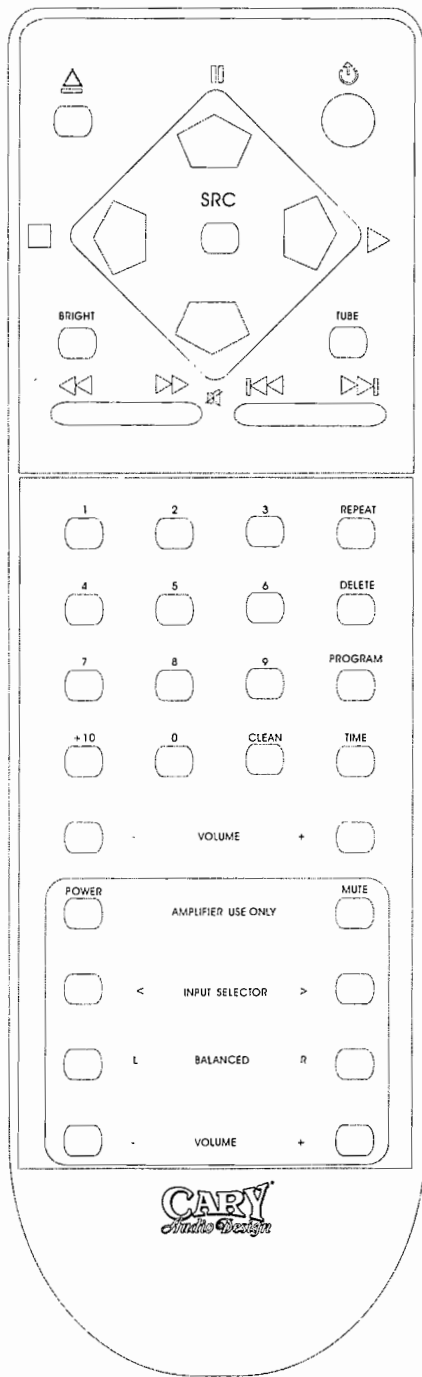
OPEN / CLOSE BUTTON: Opening and closing the CD loader tray. The loader tray will close if you press against the front edge briefly.

PLAY BUTTON: Starting play.




















STOP BUTTON: Stopping play.

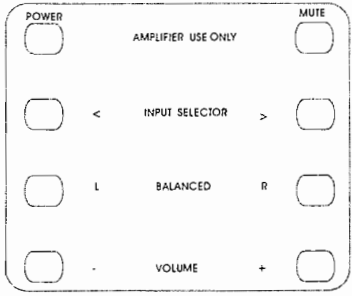
PREV. and NEXT BUTTON: Selecting another track during play. Selecting a track to start play.

3.4 Remote Control



CD 303/300 R/C

-  Switching the power on and off.
-  Opening and closing the CD compartment.
-  Interrupting play. Resuming play.
-  Starting play. Playing a program.
-  Stopping play.
-  Muting sound. Resuming sound.
-  Select the sample-rate converter on or off.
-  Clears a program.
-  Presets tracks to be played by keying in track nos.
-  Fast search for a passage.
-  Selecting another track during play.
-  Repeating play.
-  Select the outputs are use TUBE or SOLID STATE.
-  Select the CD 303/300 display brightness levels.
-  Digit Keys.
-  Clears the last track number during programming.
-  Displays the remaining time of a track or it displays the total remaining time of a disc.
-   Control the volume.(0dB to 63 dB)



CARY pre-amplifier use only.

3.5 LED Indicators

POWER LED

LED above the power button illuminates when the player is switched off to indicate the standby mode.

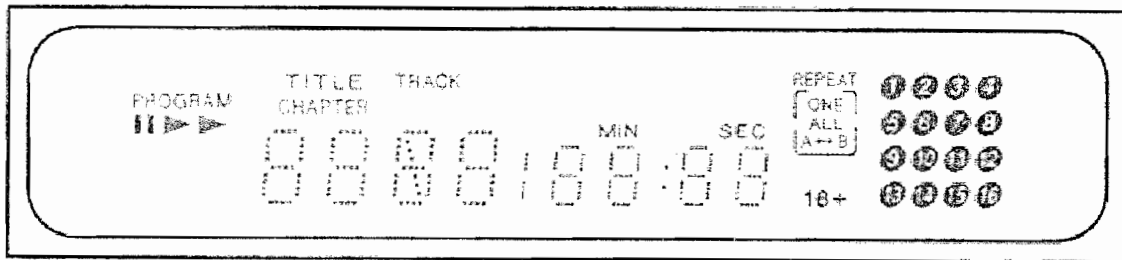
TUBE LED

LED above the button illuminates when the outputs are used TUBE sounds.

SAMPLE-RATE CONVERTER LED

LED above the button illuminates when the sample-rate converter function is "ON".

3.6 Display



PROGRAM :

Lights up when a program is being played.
Blinks when compiling a program.

TRACK: Indicates

- What track is being played;
- The total number of tracks on the CD or in a program.

TRACK TIME:

Indicates the elapsed playing time of the track being played.

REMAINING TIME:

Indicates the remaining time of the CD or a track being played. A – B sign is shown in front the time.

REPEAT:

Lights up when you repeat a CD or program. Selection of repeating 'One' or 'All' is possible by pressing the 'REPEAT' button on the remote.








DISPLAY MESSAGES:

NO DISC Lights up when there is no CD in the CD compartment
OPEN Lights up when opening the CD compartment.
CLOSE Lights up when closing the CD compartment.

DISPLAY BRIGHTNESS:



HIGH Normal brightness level is set with this choice.
MIDDLE The brightness is set to 50% of the normal setting.
LOW The brightness is set to 25% of the normal setting.
OFF The brightness & ALL the LED's will turn off, only CD shows in the DISPLAY.

3.7 Normal Playback


- Press POWER or  on the remote.
- Open the CD Compartment by pressing OPEN/CLOSE.
- OPEN lights up.
- Insert an audio CD, printing side up and close the compartment.
- CLOSE lights up, the number of tracks and the playing time of the CD are shown on the display.
- Press the PLAY or  on the remote to start play.
- The number indicator shows how many tracks are on the CD; when a track has been played its number disappears.
- The track being played blinks and its elapsed playing time is shown.
- Play will stop after the last track.
- Press POWER or  on the remote to switch the player off.
- You can interrupt playback by pressing PLAY or  on the remote.
- You can restart play by pressing PLAY or  or  on the remote.
- You can stop playback by pressing STOP, OPEN/CLOSE or  on the remote.


3.8 Selecting Another Track During Play (1-10)

Key in the desired number.

The music stops and a moment later the selected track begins to play. You can also select the number by pressing   (less than 0.5seconds).

3.9 Searching For a Passage During Play (on the remote)

Press  to search backwards to the beginning.



Press  to search forwards to the end.

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

- The first 2 seconds fairly slowly, with sound;
- Then at the maximum speed, with no sound.

3.10 Starting with a Particular Track (1-0)

- Key in the desired number
- Play starts from the selected track automatically.

You can also select the number by pressing   (less than 0.5 seconds).

3.11 Repeating Play (repeat)

REPEATING A TRACK:

- Press REPEAT before or during playback.
- REPEAT ONE Lights up; the selected track will be repeated continuously.
- REPEAT ALL Lights up; all tracks on the disc will be repeated continuously.
- Press REPEAT until the indicator goes off to stop the track being repeated.

3.12 Programming

- Press PROGRAM once on the remote; PROGRAM indicator on the display will blink indicating the program mode is now entered.
- Key in track numbers in the sequence to be played.
- Press either CLEAN or DELETE to edit input or cancel the program.
- When programming is completed, press PLAY or ▶ on the remote to start playing the programmed tracks.

3.13 Break-In Period

The micro-components, precision capacitors and precision resistors take approximately 100 hours of music playing to 'form' and fully settle in for peak performance. The CD 303/300 will sound good right out of the box. However, after the first 100 hours you will notice increased depth and tighter bass. This break-in period contradicts engineering theory, but is true with most HIGH PERFORMANCE audio components.

<p>WARNING MAKE SURE PLAYER IS UNPLUGGED FROM AC MAINS BEFORE SERVICING</p>

SERVICE AND CARE

4.1 CD 303/300 Care and Cleaning

The cabinet housing and front panel of the CD 303/300 may be cleaned with a soft cloth and Windex ® or a mild window cleaner. The frequency of cleaning will be governed by the operating environment cleanliness. Do not use benzene, harsh or abrasive chemicals to clean the front or rear panel as they may remove or damage the labels.

4.2 Factory Service

Careful consideration has been given to the design of your CD 303/300 HDCD CD Transport/Processor to keep maintenance problems to a minimum. Any service problems should be referred to our Customer Service Department phone number (919) 355-0010 from 1-5 PM US East Coast Time Zone. DO NOT return the CD 303/300 to the factory without a return authorization number (RMA) from the Customer Service Department.

Cary Audio Design, Inc. will assume no responsibility if the shipping company refuses to pay a damage due to your improper packing or lack of insurance should the unit be lost or damaged in shipment. Please retain and always use the original shipping carton for the CD 303/300 in the event that you move or after service is needed.

WARNINGS

MAKE NO ATTEMPT TO PUT THE CD 303/300 IN SERVICE WITH THE COVER REMOVED. CONTACT WITH THE POWER SUPPLY SECTION FOUND IN THE UNIT CAN BE FATAL! COMPLETELY REMOVE AC POWER PLUG FROM THE WALL BEFORE SERVICING OF THE PLAYER.

CAUTIONS

NEVER REMOVE or INSERT PLUG WHEN UNIT IS ON OR THE AC POWER SWITCH IS IN THE ON POSISTION.

~~PLEASE OBSERVE THE SAFETY DIRECTIONS IN THIS MANUAL~~

UNITED STATES LIMITED WARRANTY

Cary Audio Design, Inc. warrants to the original United States purchaser for use in the United States, that this product shall be free from defects in material (except tubes and AF output transistors) or workmanship for:

Amplifiers and Preamplifiers, Three (3) years from the date of the original purchase, to the original retail buyer.
Digital Products, One (1) year from original date of purchase.

During the warranty period, Cary Audio Design, Inc. or an authorized Cary Audio Design, Inc. service facility will provide free of charge both parts (except tubes and AF output transistors) and labor necessary to correct defects in material or workmanship.

To obtain such warranty service, the original purchaser must:

- (1) Complete and send in the warranty Registration Card.
- (2) Notify Cary Audio Design, Inc. as soon as possible after the discovery of a possible defect:
 - (a) The model number and serial number;
 - (b) The identity of the seller and the date of purchase;
 - (c) A detailed description of the problem, including details on the electrical connection in the associated equipment and the list of such equipment.
- (3) Deliver the product to Cary Audio Design, Inc. or the nearest authorized service facility, *with a fully filled in copy from an Authorized Cary Audio Design Dealer of the original retail sales receipt with your name, address, phone or e-mail and the original selling price clearly listed on the copy of the receipt.* Please ship in the original boxes or equivalent, fully insured and the shipping charges prepaid.

Correct maintenance, repair and use are important to obtain optimum performance from this product. Therefore, carefully read the Operating Manual. This warranty does not apply to any defect that Cary Audio Design, Inc. in its sole discretion determines is due to:

- (1) Improper maintenance or repair, including the installation of parts or accessories that do not conform to the quality and the specifications of the original parts.
- (2) Misuse, abuse, neglect or improper installation.
- (3) Accidental or incidental damage.

WARRANTY DISCLAIMER

Except for the express warranties stated herein, Cary Audio Design, Inc. disclaims all other warranties including, without limitation, all implied warranties of merchantability and fitness for a particular purpose.

EXCLUSIVE REMEDY

Notwithstanding the foregoing, the purchaser's exclusive remedy for any breach of warranty, express or implied, is limited to the repair or replacement of the defective unit or the refund of the purchase price, at the option of Cary Audio Design, Inc. Under no circumstances is Cary Audio Design, Inc. liable for incidental or consequential damages. Any implied warranties imposed by law terminate one (1) year from the date of purchase.

EXPORT MARKET PURCHASERS

Cary Audio Design, Inc. warrants its merchandise to purchasers in the United States for use in the United States. It provides no other warranties, either expressed or implied. *If you are an export market purchaser, consult with your local authorized distributor to determine whether your dealer provides any warranty.*

The foregoing constitutes Cary Audio Design, Inc.'s entire obligation with respect to this product, and the original purchaser and any user or owner shall have no other claim for incidental or consequential damages.

CARY

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