



# OWNER'S MANUAL

## CD 306 SACD

Super Audio CD Player

NOTE: Before installing your new component, please read this manual carefully as it will inform you of the product specifications, proper installation and correct operating procedures for your unit. Also included in this manual are guidelines on how to service and care for your new Cary Audio Design product.

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# IMPORTANT SAFETY INSTRUCTIONS

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**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 un-insulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



**CAUTION:** To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside. Please refer to qualified personnel for service.

**ALERT:** 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 component.

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, an adult, or damage to the unit. 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 to ensure reliable operation of the unit and to protect it from overheating. 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 installed in a built-in location such as a bookcase or rack unless proper ventilation is provided. There should be free space of at least 6 inches (16cm) above the unit 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 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 on or against them. Pay close 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 protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, NSI/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.

# IMPORTANT SAFETY INSTRUCTIONS

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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 operating condition.
21. **WALL OR CEILING MOUNTING:** The unit should be mounted to a wall or ceiling only as recommended by the manufacturer.
22. **HEAT:** The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.
23. **IMPORTANT SAFETY NOTE:** Before connecting a new component such as the DVD 7 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 player is specifically designed to be used with this product. Other AC cords may be used, so consult your dealer for advice on AC power cords and high quality wire in your system.



**AC Fuse:** The fuse is located inside the chassis and is not user serviceable. If power does not come on, contact your authorized service representative.

**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 warranty. If water or any metal object, such as a paper clip, coin, or staple accidentally falls inside the unit, disconnect it from the AC power source immediately and contact Cary Audio for further instructions.

24. **RECORDING COPYRIGHT:** Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder.
25. **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.

# IMPORTANT SAFETY INSTRUCTIONS

## 26. 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.

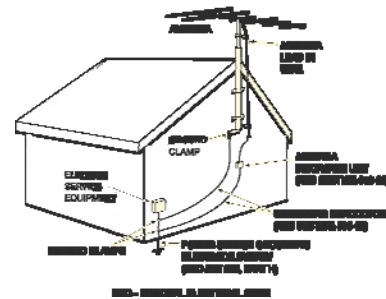
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 where the receiver is connected.

## 27. 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 protection against built up static charges and voltage surges, Section 810 of the national Electrical Code, ANSI/NFP A70 (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.

# WELCOME

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## PRODUCT OVERVIEW

This technological 'tour de force' CD and SACD player includes an all aluminum chassis with custom machined aluminum cone feet, eight (8) Burr Brown 1792u DAC chips running in parallel pairs, it has the ability to play multi channel SACD disks as stereo down mix or to play stereo playback of SACD disks. It incorporates the finest available SACD drive, the SCD 1 digital drive. It has a top panel drive mechanism viewing window with an integral bubble level balance.

The interior houses four power transformers to make the power supplies separate for all critical circuits. On the back panel it has XLR, RCA and TOSLINK digital inputs to work as a digital processor for an external digital signal like an iPod or a digital cable box. It also has XLR, RCA and TOSLINK digital outputs. In addition, it has balanced XLR and RCA single ended analog outputs. CD disks played in the CD 306 SACD can be played back at 44.1 kHz to utilize the Pacific Microsonics PMD 200 digital filter to decode HDCD encoded CD disks. CD 306 SACD can also upsample a CD disk from 44.1 kHz to 96, 192, 384, 512 or 768 kHz to release all the information available in your CD disk library. This is the 3rd generation of the CD 306 player and it has achieved a clear technological improvement over the previous generation with the ability to process signals as high as 768 kHz and to play SACD disks. It will take an external digital signal and play it back at 44.1 kHz or let you choose digital upsampling rates of 96 kHz or 192 kHz.

## UNPACKING AND INSTALLATION

This section describes the unpacking and installation procedures for your new component.

### Unpacking

All Cary Audio Design shipping cartons have been specially 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 shipping damage is found after visual inspection, take care not to destroy the evidence. If necessary, document the damage with photographs and contact the transport carrier immediately.

Carefully remove your new component from its packing carton and examine it closely for signs of shipping damage. We strongly recommend saving all original packing cartons to protect your component from damage should you wish to store it or ship it at a later date.

### Warranty Card

If you are the original purchaser of this unit and you purchased it in the United States, you should fill out the enclosed warranty registration card and return it to Cary Audio Design within 15 days of your purchase. Cary Audio Design also suggests that you keep your original packing cartons in case you ever need to ship the unit when moving to a new home. Warranty restrictions apply. Consult the warranty section of this manual for details. Please be certain to keep a copy of the original sales receipt from your Authorized Cary Audio Design dealer to validate the warranty if ever needed.

# SPECIFICATIONS

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Operating the CD 306 SACD Transport/Processor 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 CD 306 SACD in operation. The following definitions are applicable to this manual.

SACD Mechanism	Triple-beam laser, multi speed SACD transport
Formats	SACD, CD AUDIO (CD-DA), CD-R, CD-RW
Master Clock Jitter	Below measurable levels
Digital Filter	Pacific Microsonics PMD 200 with HDCD decoding
Digital / Analog Converters	8 channel (4) Burr Brown DSD 1792U
Analog Filter	3rd Order Bessel
Analog Outputs	Balanced XLR , Single – Ended RCA
Digital Outputs	AES/EBU, Coaxial, Toslink operating at Sample Frequency (Fs) from 44.1 kHz 16 bit to 192 kHz 24 bit
Digital Inputs	AES/EBU, Coaxial, Toslink operating at Sample Frequency (Fs) from 44.1 kHz 16 bit to 192 kHz 24 bit
Comms	RS232 full remote configuration interface
Power Input	Configured at factory for either 100-120 or 200-240 VAC, 50-60 Hz
Power Consumption	65 Watts

## AUDIO (CD)

Frequency Range	2 Hz - 22 kHz (44.1 kHz)
Amplitude Linearity	0.1 dB (20 Hz – 20 kHz)
Phase Linearity	3 degrees (20 Hz - 20 kHz)
Dynamic Range	131dB (1 kHz)
Signal-to-Noise Ratio	127dB (1 kHz)
Channel Separation	109dB (1 kHz)
Total Harmonic Distortion	0.0004% (1 kHz)
Audio Output Level	3.0V RMS (220 $\Omega$ output impedance)
Balanced	6.0V RMS (440 $\Omega$ output impedance)

# SPECIFICATIONS

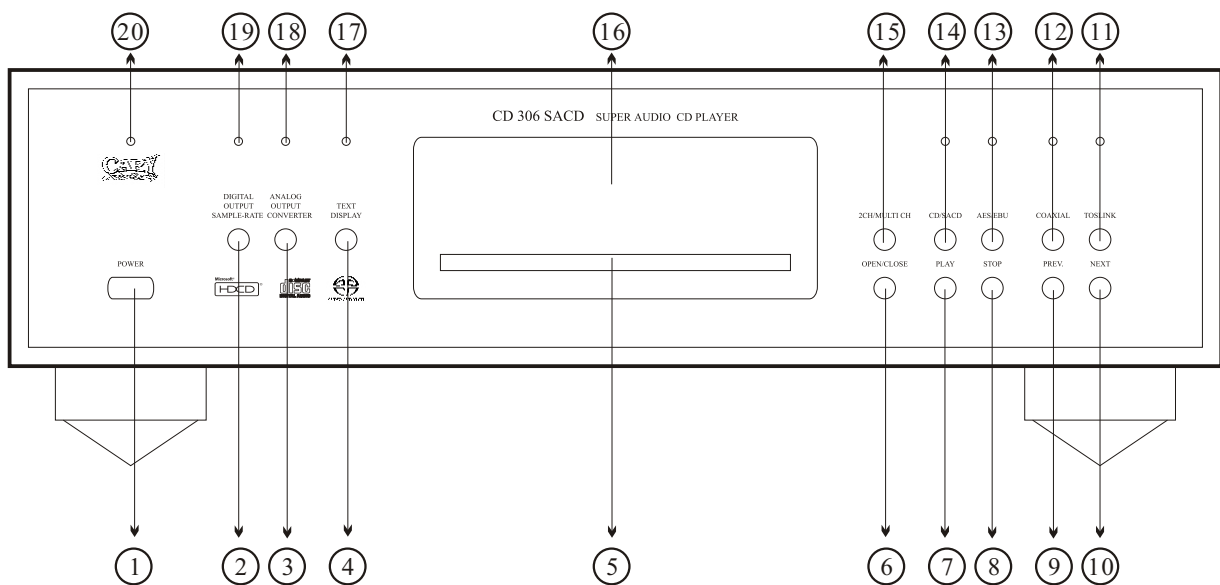
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## AUDIO (SACD)

Frequency Range	2 Hz - 100 kHz (2.822 MHz)
Signal system	1 bit DSD
Sampling frequency	2.822 MHz
Dynamic Range	132dB
Signal-to-Noise Ratio	128dB
Audio Output Level	3.0V RMS (220 $\Omega$ output impedance)
Balanced	6.0V RMS (440 $\Omega$ output impedance)



# Front Panel



## ① POWER button:

- \* Press once to turn the power on.
- \* Press again to set to the "OFF" position and turn the power off.

## ② DIGITAL OUTPUT SAMPLE-RATE CONVERTER button: (CD only)

- \* Use this button to switch the digital output sample-rate converter mode.

▷ OFF(44.1) ---> 96kHz ---> 192kHz --->

## ③ ANALOG OUTPUT SAMPLE -RATE CONVERTER button: (CD only)

- \* Use this button to switch the analog output sample-rate converter mode.

▷ OFF(44.1) ---> 96 ---> 192 ---> 384 ---> 512 ---> 768kHz --->

## ④ TEXT DISPLAY button: (Super Audio CD only)

- \* Use this button to switch the track titles on or off.

## ⑤ DISC HOLDER:

- \* Load discs here.

## ⑥ DISC HOLDER OPEN/CLOSE button:

- \* Press this button to open and close the disc holder.

## ⑦ PLAY button:

- \* Press this button to start playback the disc.

## ⑧ STOP button:

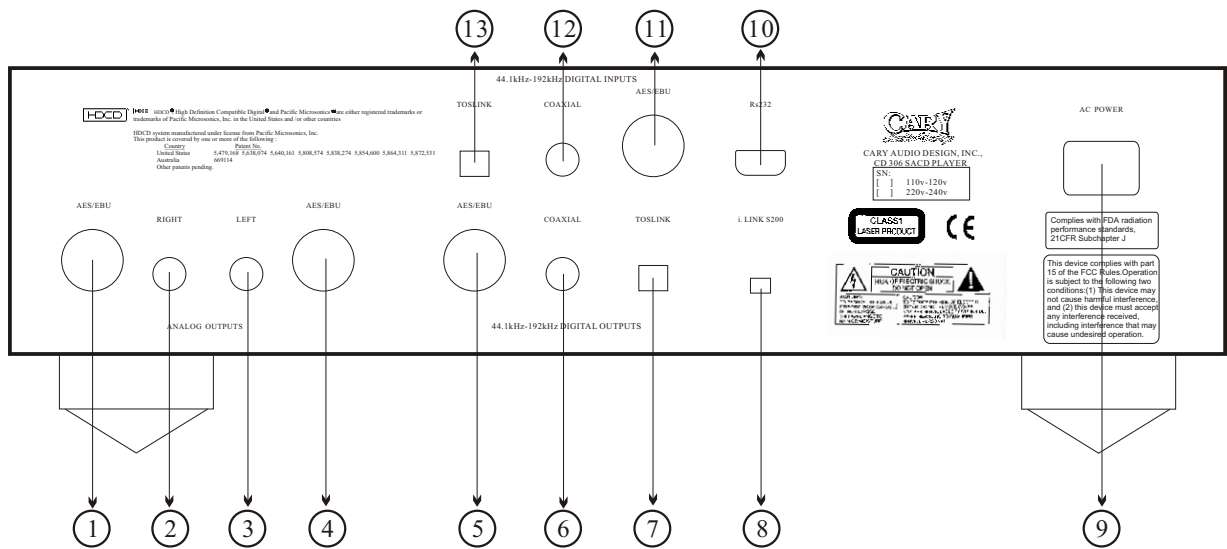
- \* Press this button to stop playback.

# Front Panel

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- ⑨ **AUTOMATIC SEARCH REVERSE button:**
  - \* Press this button to return the pickup to the beginning of the present track.
  - \* Press again to return to other tracks.
  
- ⑩ **AUTOMATIC SEARCH FORWARD button:**
  - \* Press this button to move the pickup forward to the beginning of the next track.
  - \* Press again to move ahead to other tracks.
  
- ⑪ **EXT. IN TOSLINK (OPTICAL) button:**
  - \* Press this button to select the program source connected to the digital input jack TOSLINK (Optical) is output.
  
- ⑫ **EXT. IN COAXIAL button:**
  - \* Press this button to select the program source connected to the digital input jack COAXIAL is output.
  
- ⑬ **EXT. IN AES/EBU button:**
  - \* Press this button to select the program source connected to the digital input jack AES/EBU is output.
  
- ⑭ **CD/SACD button:**
  - \* Press this button to select the source played on the set is output.
  
- ⑮ **2 CH/MULTI CHANNEL button:**
  - \* Use this button to select the layer of the 2 channel or multi channel in the Super Audio CD.
  
- ⑯ **ALPHANUMERIC DISPLAY:**
  - \* This twenty-character display provides a wide range of information concerning the operation of the CD 306 SACD.
  
- ⑰ **TEXT DISPLAY indicator:**
  - \* This indicator lights when the text information on the disc can be displayed.
  
- ⑱ **ANALOG OUTPUT SAMPLE-RATE CONVERTER indicator:**
  - \* This indicator lights when the analog output sample-rate converter function is "ON".
  
- ⑲ **DIGITAL OUTPUT SAMPLE-RATE CONVERTER indicator:**
  - \* This indicator lights when the digital output sample-rate converter function is "ON".
  
- ⑳ **POWER indicator:**
  - \* This indicator lights when the player is switched off.

# Rear Panel



- ① **RIGHT CHANNEL ANALOG OUTPUT JACK (AES/EBU BALANCED):**  
\* Use this jack for connection to the amplifier's balanced input jack.
- ② **RIGHT CHANNEL ANALOG OUTPUT JACK (RCA UNBALANCED):**  
\* Use this jack for connection to the amplifier's RCA unbalanced input jack.
- ③ **LEFT CHANNEL ANALOG OUTPUT JACK (RCA UNBALANCED):**  
\* Use this jack for connection to the amplifier's RCA unbalanced input jack.
- ④ **LEFT CHANNEL ANALOG OUTPUT JACK (AES/EBU BALANCED):**  
\* Use this jack for connection to the amplifier's balanced input jack.
- ⑤ **DIGITAL OUTPUT JACK (AES/EBU):**  
\* 44.1kHz-192kHz digital data is output from this jack.  
\* With Super Audio CD disks, no digital signals are output.
- ⑥ **DIGITAL OUTPUT JACK (COAXIAL):**  
\* 44.1kHz-192kHz digital data is output from this jack.  
\* With Super Audio CD disks, no digital signals are output.
- ⑦ **DIGITAL OUTPUT JACK (TOSLINK):**  
\* 44.1kHz-192kHz digital data is output from this jack.  
\* With Super Audio CD disks, no digital signals are output.
- ⑧ **i.LINK S 200**

# Rear Panel

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⑨ POWER INPUT(AC IN):

\* Connect to an AC power supply using the included power supply cord.

⑩ RS 232 JACK

⑪ DIGITAL INPUT JACK ( AES/EBU):

\* 44.1kHz-192kHz digital data is input to this jack.

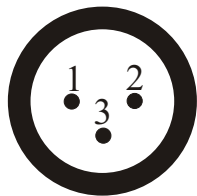
⑫ DIGITAL INPUT JACK ( COAXIAL):

\* 44.1kHz-192kHz digital data is input to this jack.

⑬ DIGITAL INPUT JACK ( TOSLINK):

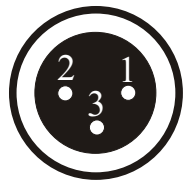
\* 44.1kHz-192kHz digital data is input to this jack.

\* The pin assignments of ALL of the XLR-type male analog outputs, the XLR-type male digital output and XLR-type female digital inputs are:



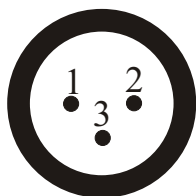
Pin 1: Signal ground  
Pin 2: Signal + (non-inverting)  
Pin 3: Signal - (inverting)  
Connector ground lug: chassis ground

Refer to your amplifier's operating manual to verify that the XLR pin assignments of its input connectors correspond to the CD 306 SACD. If they are different, wire the XLR cable so that the appropriate XLR output pin connects to the equivalent XLR input pin.



Pin 1: Signal ground  
Pin 2: Signal + (non-inverting)  
Pin 3: Signal - (inverting)  
Connector ground lug: chassis ground

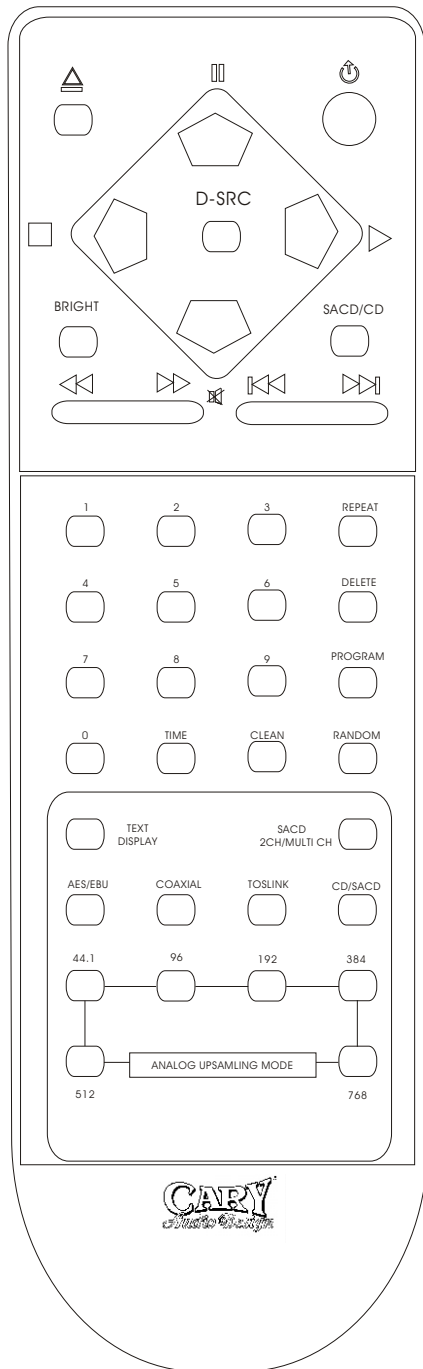
Refer to your digital input source signal player or other digital source's operating manual to verify that the XLR pin assignments of its input connectors correspond to the CD 306 SACD. If they are different, wire the XLR cable so that the appropriate input pin connects to the equivalent input pin.



Pin 1: Signal ground  
Pin 2: Signal + (non-inverting)  
Pin 3: Signal - (inverting)  
Connector ground lug: chassis ground

Refer to your digital source's operating manual to verify that the XLR pin assignments of its input connectors correspond to the CD 306 SACD. If they are different, wire the XLR cable so that the appropriate output pin connects to the equivalent output pin.

# Remote Control



CD 306/SACD R/C



Switching the power on and off.



Opening and closing the disc holder.



Interrupting play. Resuming play.



Starting play. Playing a program.



Stopping play.



Muting sound. Resuming sound.

D-SRC



Select the digital sample-rate converter mode.

DELETE



Clears a program.

PROGRAM



Presets tracks to be played by keying in track numbers.



Fast search for a passage.



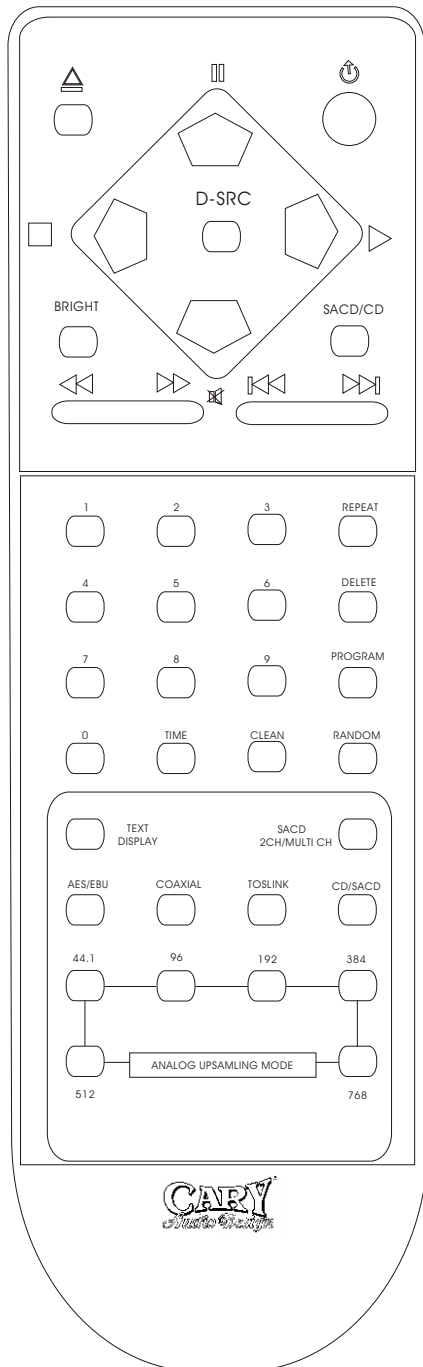
Selecting another track during play.

REPEAT



Repeating play.

# Remote Control



**CD 306/SACD R/C**

BRIGHT



Select the player display brightness levels.

SACD/CD



Select the layer of the SACD or CD.

CLEAN



Clears the last track number during programming.

TIME



Displays the remaining time of a track or it displays the total remaining time of a disc.

RANDOM



Use this function to play all the tracks on the disc once in random order.

TEXT  
DISPLAY



Use this function to display the text information on the disc.

SACD  
2CH/MULTI CH



Select the 2channel or multi channel layer on the SACD.

AES/EBU



Select the program source connected to the digital input jack (AES/EBU) is output.

COAXIAL



Select the program source connected to the digital input jack (COAXIAL) is output.

TOSLINK



Select the program source connected to the digital input jack (TOSLINK) is output.

CD/SACD



Select the source played on the set is output.

ANALOG UPSAMPLING MODE

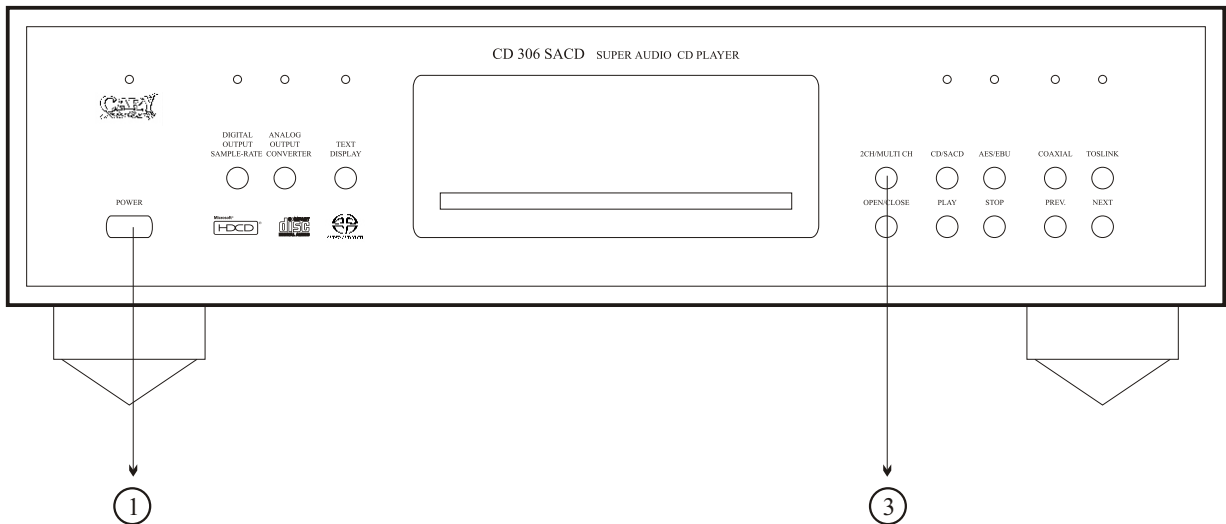


Select the analog sample-rate converter mode.

# Normal Playback

## 3.1 Setting the Top Priority Playback layer for Super Audio CD

- \* The SACD disk layer for top priority playback after the disc is loaded can be set.
- \* The SACD disk layer set for top priority playback upon shipment from the factory (default setting) is the Super Audio CD (stereo) layer.



① Press the POWER button to turn on the power.

② Check that the disc is loaded.

\* If the SACD disk layer is switched while the disc is being loaded, the playback layer switches for that disc, but the top priority playback layer setting itself does not change.

③ Press the 2CH/MULTI CHANNEL button and switch to the layer you want to set.

\* When a SACD disk is loaded after the setting has been made, the contents recorded on the set layer are displayed.

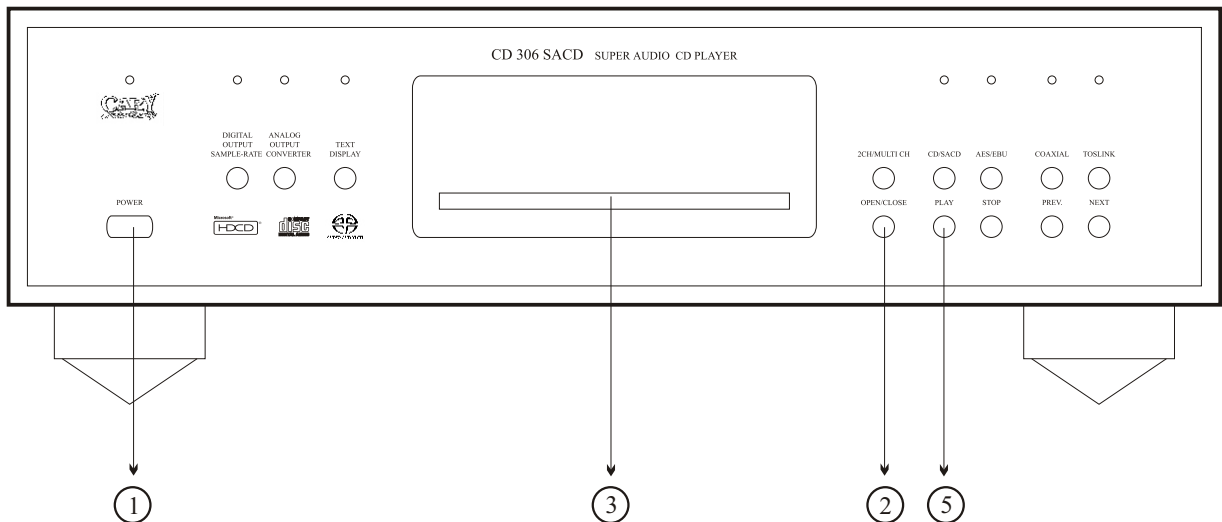
\* If a disc that does not contain the layer set for top priority playback is loaded, the contents recorded on another layer are displayed automatically.

\* This setting is stored in the memory and is not cleared even when the disc holder is opened or closed or the power is turned off. To change the setting, repeat the procedure above.

# Normal Playback

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## 3.2 Starting Playback



- ① Press the POWER button to turn on the power.
- ② Press the OPEN/CLOSE button.  
\* The disc holder opens.
- ③ Load the disc you want to play.
- ④ For Super Audio CD, use the 2CH/MULTI CHANNEL button to set the layer to be played, as necessary.
- ⑤ Press the PLAY button.  
\* Playback starts.  
\* Playback stops automatically after the last track on the disc has been played.

## 3.3 Stopping Playback

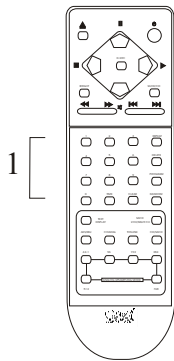
- ① During playback, press the STOP button.  
\* Playback stops.



# Various Playback Functions

## 4.1 Playing a specific track (Remote control unit only)

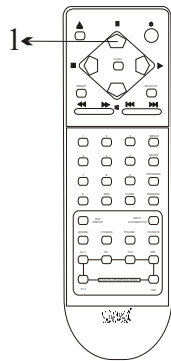
[Direct Play]



Use the number buttons and +10 button to select the desired track.  
\* Playback starts from the selected track.

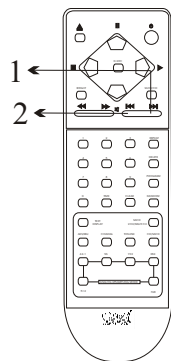
## 4.2 Stopping playback temporarily (Remote Control unit only)

[Pause]



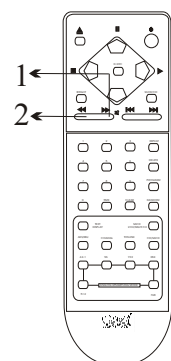
During playback, press the PAUSE button on the remote control unit.  
\* Playback pauses.  
\* To resume playback from the position at which the disc is paused, press PLAY button.

## 4.3 Automatic Search



1. Press the NEXT button. (Operable with the remote control unit)  
\* Press the button more than once to move ahead to the beginning of subsequent tracks.  
\* When the NEXT button is pressed during random playback, the next track is selected at random and played.
2. Press the PREV. button. (Operable with the remote control unit)  
\* Press the button more than once to move back to the beginning of previous tracks.

## 4.4 Finding the desired spot while listening to the sound (Remote Control unit only)

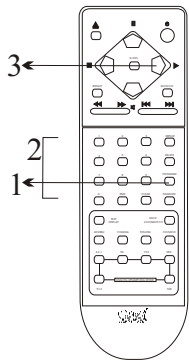


Use this function to skip forward or backward while listening to the sound. This function comes in handy for finding the desired spot in the middle long tracks.

1. During Playback, press and hold in the ►► button.  
\* When the button is released, normal playback resumes from that point.
2. During playback, press and hold in the ◀◀ button.  
\* When the button is released, normal playback resumes from that point.

# Various Playback Functions

## 4.5 Playing the tracks in the desired order (Remote control unit only) [Programmed play]



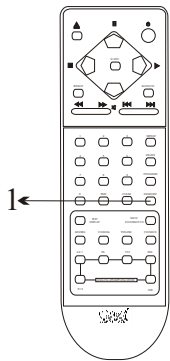
Use this function to select the desired tracks on the disc and play them in the desired.

Up to 35 tracks can be programmed.

1. In the stop mode, press the PROGRAM button.
2. Press the number to select the track to be programmed.
  - \* For example, to program the 3rd track and 9th track, Press **PROGRAM**, **3** and **PROGRAM**, **9** .
3. Press the PLAY button.

\* The tracks are played in the programmed order.

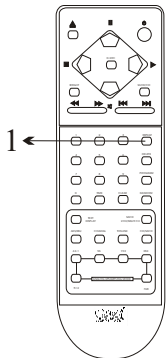
## 4.6 Playing the tracks in random order (Remote Control unit only) [Random play]



Use this function to play all the tracks on the disc once in random order.

1. In the stop mode, press the RANDOM button.
  - \* The "Random" indicator lights.
  - \* A track is selected automatically and playback starts.
  - \* To cancel random playback, press the RANDOM button in the stop mode, Normal playback resumes.

## 4.7 Repeat play (Remote control unit only)



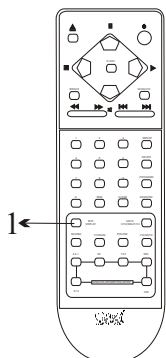
Playing all the tracks repeatedly.

1. In the PLAY mode, press the REPEAT button twice.
  - \* The "RepAll" indicator lights.
  - \* To cancel the all-track repeat mode, press the REPEAT button three time.

Playing a single track repeatedly.

1. During playback, press the REPEAT button once.
  - \* The "Rep-1" indicator lights.
  - \* To cancel the one-track repeat mode, press the REPEAT button four time.

## 4.8 To display text (Super Audio CD only)

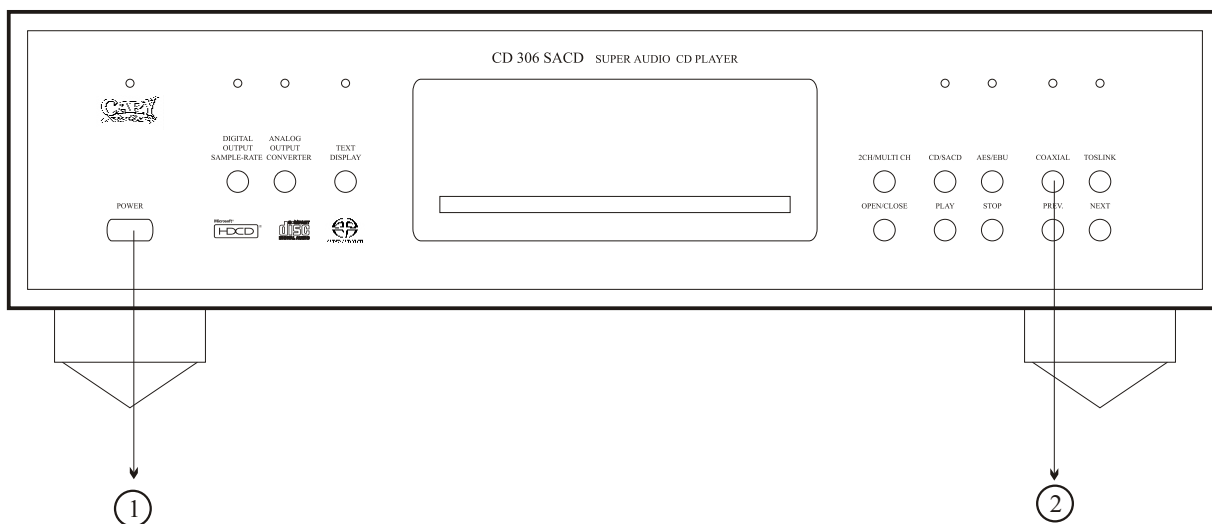


With Super Audio CD that contain text information, the text information included on the disc can be displayed while in the stop or play mode.

1. Press the TEXT DISPLAY button. (Text display in the stop mode)
  - \* The album title scrolls on the display.
2. Press the PLAY button. (Text display in the play mode)
  - \* The title of the currently playing track scrolls on the display.
  - \* When the track is switched while the track title is being displayed the title of the new track is scrolled.
  - \* "NO TEXT" is displayed if the TEXT DISPLAY button is pressed when a disc that does not contain text information is loaded.

# Using the CD 306 SACD as a Digital to Analog (D/A) Converter

5. Select "AES/EBU" ,"COAXIAL" or "TOSLINK" button.



① Press the POWER button to turn on the power.

② Press the COAXIAL button.

③

COAXIAL	D-IN : NONE
D-OUT : NONE	A-OUT : NONE

Analog Out is the first to appears on the display, then the external digital inputs sampling frequency appears .(Example: External digital inputs sampling frequency is 192kHz)

COAXIAL	D-IN : 192k
D-OUT : 192k	A-OUT : 192k

- \* Digital input signal can be output in digital format and analog format.
- \* Only linear PCM signals with a sampling frequency of 32kHz, 44.1kHz, 48kHz, 88.2kHz, 176.4kHz or 192kHz can be played on this set. Do not input any digital signal other than linear pulse code modulation (PCM) signals. (CD-ROM, Dolby Digital, DTS signals, etc.) Doing so will generate output noise that could damage the speakers.
- \* When the digital sampling frequency is switched, the muting circuit is activated for 1 or 2 seconds, so the sound will stop momentarily and then start again each time the digital sample rate is changed.

# SERVICE AND CARE

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## CARE AND CLEANING

The cabinet housing and front panel of the CD 306 SACD may be cleaned with a soft cloth and Windex or a window cleaner. The frequency of cleaning will be governed by how many hours the CD 306 SACD is operated and by operating environment cleanliness.

## FACTORY SERVICE

Careful consideration has been given to the design of your CD 306 SACD processor to keep maintenance problems to a minimum. Any problems or requests for service should be referred to our Customer Service Department at 919-355-0010. DO NOT return the CD 306 SACD to the factory without a return authorization number (RA) from the Customer Service Department.

Cary Audio Design will assume no responsibility if the shipping company refuses to pay for 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 shipping the player.

## NON-WARRANTY REPAIRS

Cary Audio Design will provide repair service for its products charging on a time and expense basis. At this time, the standard non warranty service bench fee is \$125 with all parts used for repair charged extra. This may change and is not a quote for service. Please call us at 919-355-0010 for more information about out of warranty service and repair fees.

**CAUTION** - Never remove or insert the back panel AC plug when the unit is on or the ac cord is plugged into the wall.

# UNITED STATES LIMITED WARRANTY

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Cary Audio Design warrants to the original United States purchaser for use in the United States that Cary Audio Design vacuum tube or solid state power amplifiers, surround sound processors or preamplifiers shall be free from defects in parts or workmanship for three (3) years from the date of the original purchase. Vacuum tubes, if any are used in the component, are offered a 90 day from purchase date exchange policy against defects with the exception of the CAVT 300B vacuum tube which has a (1) one year from purchase date exchange policy. Any digital drive design, whether a Cary Audio Design CD or SACD player or a Cary Cinema DVD player, has a limited one year parts and labor warranty against defects in manufacture. This is a limited warrant, for the original purchaser only and does not transfer to any subsequent owner.

During the limited warranty period, Cary Audio Design or an authorized Cary Audio Design service facility will provide free of charge both parts and labor necessary to correct any defects in material or workmanship.

To obtain such warranty service, the original purchaser must:

1. Complete and send in the warranty Registration Card within 15 days of purchase.
2. If claiming service the owner must send a fully filled in copy of the original sales receipt along with any unit sent in for service showing the AUTHORIZED CARY AUDIO DESIGN DEALER'S name, the new selling price, the buyer's name, e-mail or phone number and address on the receipt. Blank receipts will NOT validate the limited warranty for service.
3. Notify Cary Audio Design as soon as possible after the discovery of a possible defect and submit the following information to determine eligibility for warranty:
  - (a) The model number and serial number;
  - (b) A fully filled in copy of the original sales receipt showing the original selling price, purchasers name and address filled in by an AUTHORIZED CARY AUDIO DESIGN DEALER with the original date of purchase shown on the form;
  - (c) a detailed description of the problem.
4. Deliver the product to Cary Audio Design or the nearest authorized service facility or ship with all freight and insurance charges prepaid, in its original packing container or equivalent, to Cary Audio.

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

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3. Accidental or incidental damage.

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