


Portable CD Player

Operating Instructions _____ **GB**

使用说明书 _____ **CS**



Atrac3plus

“WALKMAN” is a registered trademark of Sony Corporation to represent Headphone Stereo products.  is a trademark of Sony Corporation.

D-NE511

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To prevent fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And don't place lighted candles on the apparatus.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

CAUTION

The use of optical instruments with this product will increase eye hazard.

Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.

CAUTION

- INVISIBLE LASER RADIATION
WHEN OPEN
- DO NOT STARE INTO BEAM OR
VIEW DIRECTLY WITH OPTICAL
INSTRUMENTS

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

ATRAC3plus and ATRAC3 are trademarks of Sony Corporation.

Table of Contents

Enjoy your ATRAC CD Walkman!

Create original ATRAC CDs!	4
Music sources playable on this CD player ..	6
ATRAC3plus and ATRAC3	6
MP3 files	6
Difference between ATRAC3plus/ATRAC3 and MP3	8

Getting started

Locating the controls	9
Checking the supplied accessories	10

Playing an audio CD or ATRAC3plus/ATRAC3/MP3 files

1. Connect your CD player.	11
2. Insert a CD.	11
3. Play a CD.	11

Playback options

Playing tracks in random order (Shuffle play)	17
Playing all files in a selected group in random order (Group shuffle play) (ATRAC/MP3 CD only)	17
Playing your favorite tracks by adding Bookmarks (Bookmark track play)	18
Playing your favorite play lists (m3u play list play) (MP3 CD only)	19
Searching for your favorite tracks/files/ groups quickly using the JOG DIAL	20

Available features

The G-PROTECTION function	21
Checking the time remaining on the CD and the number of tracks left (audio CD)	21
Checking information on a CD with ATRAC3plus/ATRAC3/MP3 files	22
Emphasizing the bass sound (SOUND)	22
Protecting your hearing (AVLS)	23
Locking the controls (HOLD)	23
Turning off the operation beep sound	23

Connecting your CD player

Connecting a stereo system	24
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Connecting to a power source

Using the dry batteries	25
Notes on the power source	26

Additional information

Precautions	27
Maintenance	27
Troubleshooting	28
Specifications	30
Optional accessories	31

GB

Enjoy your ATRAC CD Walkman!

Thank you for purchasing the D-NE511. This CD Walkman is called an “ATRAC CD Walkman,” because you can enjoy “ATRAC CDs” on it.

Create original ATRAC CDs !

You can make your own ATRAC CD.

The procedure is very simple. Just perform Steps 1, 2 and 3.

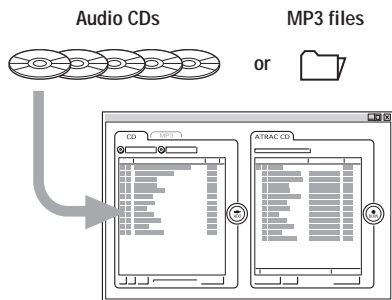
Step 1 Install

Install the supplied
“SonicStage Simple Burner”
software.



Step 2 Burn

Create a disc image and burn it on
a CD-R/RW using your PC.



Audio data is converted to the ATRAC3plus/
ATRAC3 format by the SonicStage Simple
Burner.

How to use the SonicStage Simple Burner

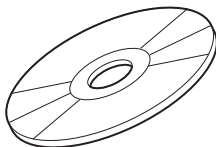
Refer to the supplied booklet “SonicStage Simple Burner.”

What is an ATRAC CD?

An ATRAC CD is a CD-R/RW on which audio data compressed in the ATRAC3plus/ATRAC3 format has been recorded. About 30 audio CDs can be recorded on a CD-R/RW. *You can also record MP3 files by converting the files to the ATRAC3plus/ATRAC3 format.

* When total playing time of one CD (album) is estimated at 60 minutes and you are recording on a 700 MB CD-R/RW at 48 kbps in ATRAC3plus format.

ATRAC CD



Step 3 Listen

You can enjoy listening to your own ATRAC CDs on your ATRAC CD Walkman.



You can also enjoy audio CDs on your CD Walkman.

What is the ATRAC3plus/ATRAC3 format?

Refer to pages 6 - 8 of this manual.

Music sources playable on this CD player

You can play the following 3 music sources on this CD player:

- Audio CDs
- ATRAC3plus/ATRAC3 format files
- MP3 files

Usable disc formats

You can use ISO 9660 Level 1/2 and Joliet extension format discs only.

ATRAC3plus and ATRAC3

“ATRAC3plus,” which stands for “Adaptive Transform Acoustic Coding3plus” is audio compression technology, developed from the ATRAC3 format. Though the ATRAC3plus format can compress music content to about 1/20 of its original size, you can still enjoy high quality sound. The available transfer bit rates are 64 kbps and 48 kbps.

“ATRAC3,” which stands for “Adaptive Transform Acoustic Coding3” is audio compression technology that satisfies the demand for high sound quality and high compression rates. The ATRAC3 format can compress music content to about 1/10 of their original size, which contributes to reduction of the media volume. The available transfer bit rates are 132 kbps, 105 kbps and 66 kbps.

The usable number of groups and files

- Maximum number of groups: 255
- Maximum number of files: 999

For details, refer to the supplied booklet “SonicStage Simple Burner.”

Note on saving files on the media

Do not save files in other formats or unnecessary groups on a disc that has ATRAC3plus/ATRAC3 files.

MP3 files

MP3, which stands for MPEG-1 Audio Layer3, a standard for audio files compression supported by the Motion Picture Experts Group, an ISO (International Organization for Standardization) working group, enables compression of audio files to about 1/10 of the data size of a standard compact disc. Since the MP3 encoding algorithm is public, there are various encoders/decoders that are compliant with this standard, including freeware that is available for no charge. Thus, the MP3 standard is widely used in the computer field.

The major specifications of the acceptable disc format are:

- Maximum directory levels: 8
- Acceptable characters for a file/folder name:
A - Z, a - z, 0 - 9, _ (underscore)

Notes

- When naming files, be sure to add the file extension “mp3” to the file name.
- If you add the extension “mp3” to a file other than an MP3 file, the player will not be able to recognize the file properly.
- The file name does not correspond to the ID3 tag.

The usable number of groups and files

- Maximum number of groups: 100
- Maximum number of files: 400

Settings for compression and writing software

- This CD player supports MP3 files with the following specifications: transfer bit rate: 16 - 320 kbps and sampling frequencies: 32/44.1/ 48 kHz. Variable Bit Rate (VBR) is also supported.
To compress a source for an MP3 file, we recommend setting the transfer bit rate of the compression software to “44.1 kHz,” “128 kbps,” and “Constant Bit Rate.”
- To record up to the maximum capacity, set to “halting of writing.”
- To record at one time up to the maximum capacity on media that has nothing recorded on it, set to “Disc at Once.”

Notes on saving files on the media

- Do not save files in other formats or unnecessary folders on a disc that has MP3 files.
- When a disc is inserted, the CD player reads all the information of folders and files on that disc. If there are many folders on the disc, it may take a long time for play to begin or for the next file to start playback.

Difference between ATRAC3plus/ATRAC3 and MP3

Groups and folders

The ATRAC3plus/ATRAC3 format has a very simple structure. It consists of “files” and “groups.” A “file” is equivalent to a “track” of an audio CD. A “group” is a bundle of files and is equivalent to an “album.” A “group” has no directory-type structure (a new group cannot be made within an existing group). This CD player is designed to recognize an MP3 file folder as a “group” so that it can play CD-Rs/RWs recorded in both the ATRAC3plus/ATRAC3 format and those recorded in the MP3 format with the same operation.

Displaying the track name, etc.

When playing a CD having ATRAC3plus/ATRAC3 files or MP3 files on this CD player, track names, artist names and album names are displayed. This CD player conforms to Version 1.1/2.2/2.3 of the ID3 tag format*.

*ID3 tag is a format for adding certain information (track name, album name, artist name, etc.) to MP3 files.

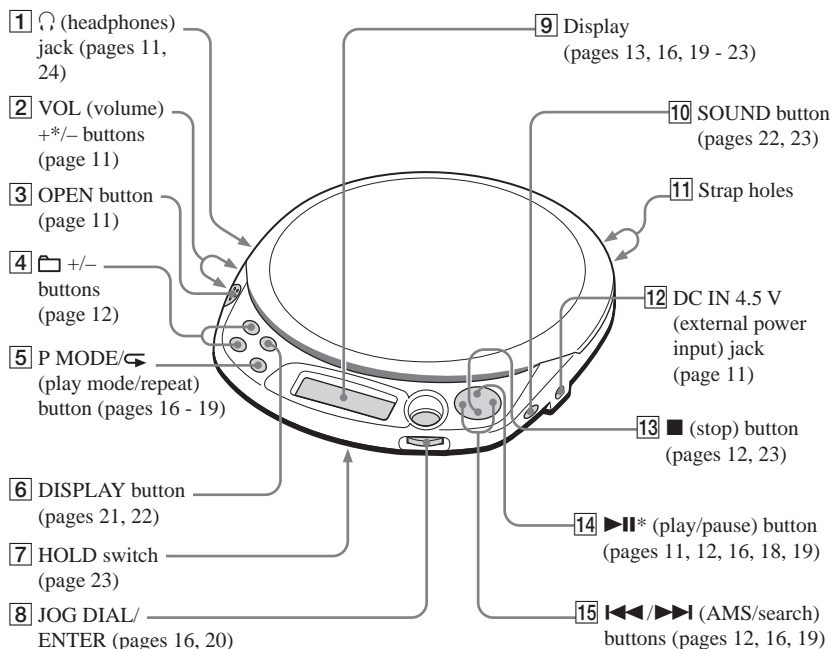
Notes

- This CD player cannot record music content on recordable media, such as CD-Rs/RWs.
- CD-Rs/RWs recorded in the ATRAC3plus/ATRAC3 format cannot be played on your computer.
- Playback capability may vary depending on the quality of the disc and the condition of the recording device.

Locating the controls

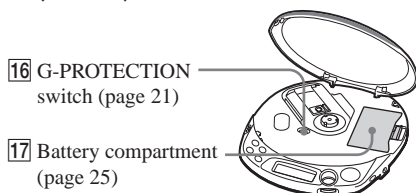
For details, see pages in parentheses.

CD player (front)



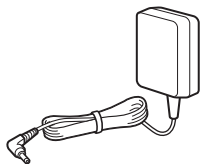
*The button has a tactile dot.

CD player (inside)

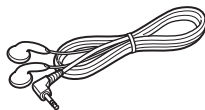


Checking the supplied accessories

AC power adaptor (1)



Headphones/earphones (1)



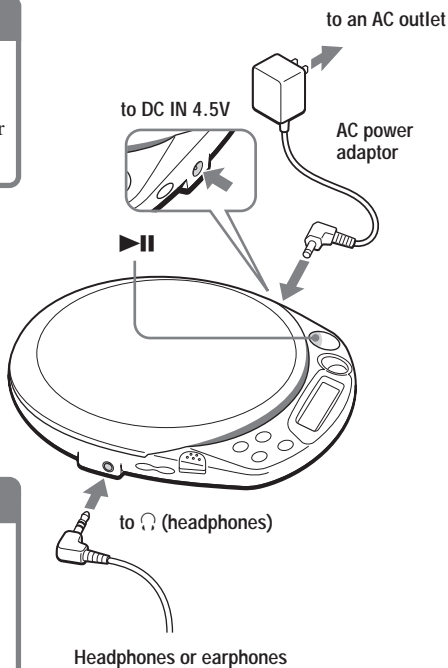
CD-ROM (SonicStage Simple Burner) (1)

User's guide for SonicStage Simple Burner (1)

Playing an audio CD or ATRAC3plus/ATRAC3/MP3 files

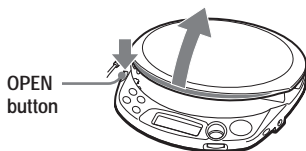
1. Connect your CD player.

- 1 Connect the AC power adaptor.
 - 2 Connect the headphones/earphones.
- You can also use dry batteries as a power source. (See page 25.)

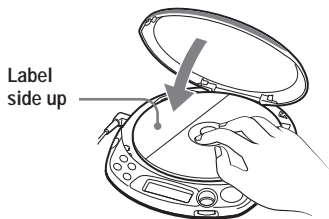


2. Insert a CD.

- 1 Press OPEN to open the lid.



- 2 Place the CD on the tray and close the lid.



3. Play a CD.

Press ►||.



Adjust the volume by pressing VOL + or -.

(Continued)

Basic operations

To	Do this
Play (from the point you stopped)	Press ▶ . Playback starts from the point you stopped.
Play (from the first track)	While the CD player is stopped, press and hold ▶ until the play of the first track starts.
Pause/resume play after pause	Press ▶ .
Stop	Press ■ . ^{*2}
Find the beginning of the current track (AMS ^{*1})	Press ◀◀ once quickly. ^{*2}
Find the beginning of previous tracks (AMS)	Press ◀◀ repeatedly. ^{*2, *3}
Find the beginning of the next track (AMS)	Press ▶▶ once quickly. ^{*2, *3}
Find the beginning of succeeding tracks (AMS)	Press ▶▶ repeatedly. ^{*2, *3}
Go backwards quickly	Hold down ◀◀ . ^{*2}
Go forward quickly	Hold down ▶▶ . ^{*2}
Jump to succeeding groups ^{*4}	Press ⏮ + repeatedly.
Jump to previous groups ^{*4}	Press ⏭ - repeatedly.

*1 Automatic Music Sensor

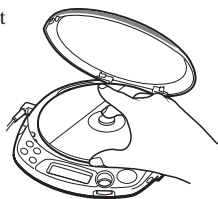
*2 These operations can be done during both play and pause.

*3 After you have played the last track, you can return to the beginning of the first track by pressing **▶▶**.
Similarly, if you are at the first track, you can locate the last track by pressing **◀◀**.

*4 Only when you play an ATRAC/MP3 CD

Removing the CD

Remove the CD while pressing the pivot in the center of the tray.



About CD-Rs/CD-RWs

This CD player can play CD-Rs/RWs recorded in the CD-DA format*, but playback capability may vary depending on the quality of the disc and the condition of the recording device.

* CD-DA is the abbreviation for Compact Disc Digital Audio. It is a recording standard used for the Audio CDs.

Music discs encoded with copyright protection technologies

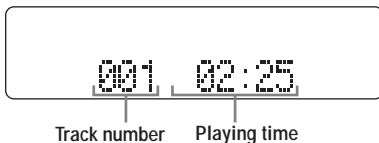
This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

About the display

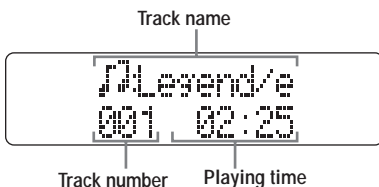
While the CD player is playing, the following indications appear in the display.

You can also check the remaining time, track name, etc. using DISPLAY (see pages 21 and 22).

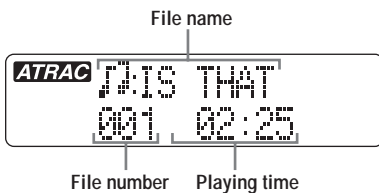
While playing an audio CD



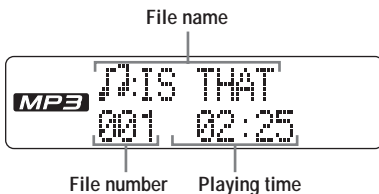
While playing an audio CD containing CD text information



While playing an ATRAC3plus/ATRAC3 file



When playing an MP3 file

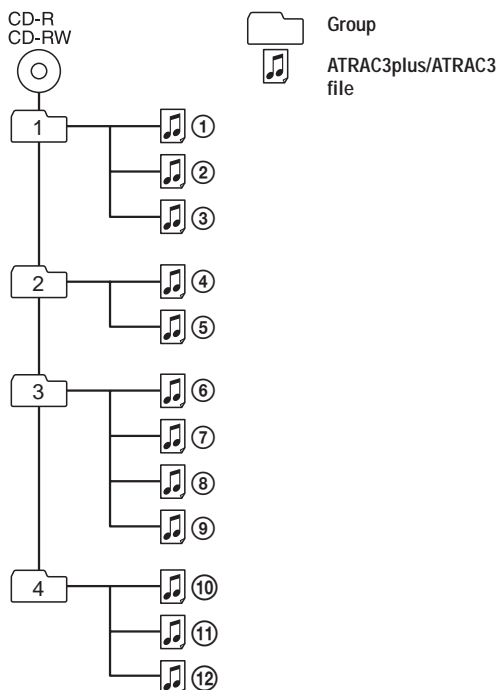


Note

Before playing a file, the CD player reads all file and group information on the CD. "READING" is displayed. Depending on the content of the CD, it may take some time to accomplish this reading.

(Continued)

Example of ATRAC3plus/ATRAC3 groups and files



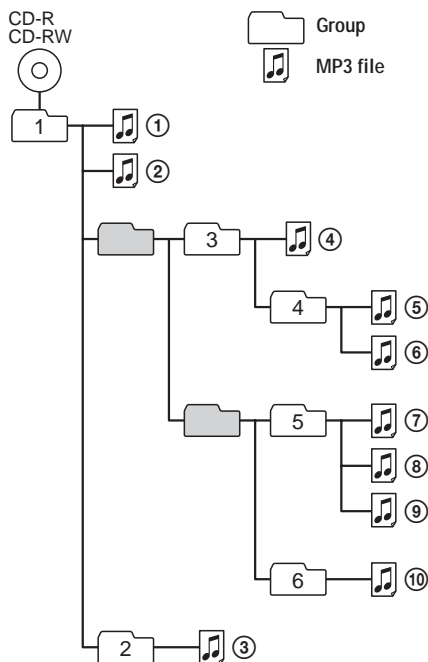
File mode	Plays all ATRAC3plus/ATRAC3 files from ①, ②, ③...⑩, ⑪, ⑫.
Group mode	Plays all ATRAC3plus/ATRAC3 files in the selected group.

Notes

- Maximum number of groups: 255
Maximum number of files: 999
- The characters A - Z, a - z, 0 - 9, and _ can be displayed on this CD player.
- When referring to ATRAC CDs, "group" is equivalent to an "album" and "file" is equivalent to a "track."

Example of group structure and playing order (MP3 CD)

The playing order of groups and files is as follows:



File mode	Plays all MP3 files from ①, ②, ③...⑨, ⑩.
Group mode	Plays all MP3 files in the selected group. (Example: If you select group 3, the CD player plays file ④. If you select group 4, the CD player plays file ⑤ and ⑥.)

Notes

- A group that does not include an MP3 file is skipped.
- Maximum number of groups: 100
Maximum number of files: 400
- Maximum directory levels: 8
- The characters A - Z, a - z, 0 - 9, and _ can be displayed on this CD player.
- When referring to MP3 CDs, “group” is equivalent to an “album” and “file” is equivalent to a “track.”

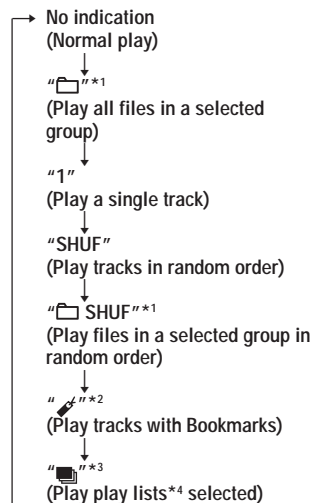
Playback options

You can enjoy various playback options using P MODE/↶ button (play mode/repeat), JOG DIAL/ENTER, ◀▶▶▶ and ▶▶.

P MODE/↶ button

If you press the button during playback, you can change the play mode.

During playback, if you press and hold the button until "↶" appears, you can play tracks repeatedly in the play mode that was selected using P MODE/↶.



*1 ATRAC/MP3 CD only

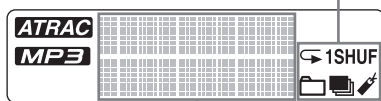
*2 Only when Bookmarks have been added to the tracks/files

*3 MP3 CD only

*4 Play lists (m3u) recorded in MP3 format only

Display

Play mode



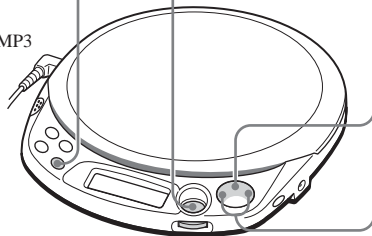
CD text information, ATRAC3plus/ATRAC3/MP3 file information, playing time, etc. are displayed.

JOG DIAL and ENTER

- **Turn JOG DIAL.**
You can select files or groups you want.
- **Press ENTER.**
You can switch the file/group search mode and also start play.

◀▶▶▶ buttons and ▶▶ button

- **Press ▶▶▶ or ▶▶.**
You can select a play list you want.
- **Press ▶▶.**
You can add Bookmarks and also start bookmark track play and play list play.



Playing tracks in random order (Shuffle play)

During playback, press **P MODE**/ repeatedly until “SHUF” appears.

When playing ATRAC3plus/ATRAC3/MP3 files

In shuffle mode, the CD player plays all files on a CD in random order.

Playing all files in a selected group in random order (Group shuffle play) (ATRAC/MP3 CD only)

During playback, press **P MODE**/ repeatedly until “ SHUF” appears.

When playing ATRAC3plus/ATRAC3/MP3 files

The CD player plays all files in a selected group in random order.

Playing your favorite tracks by adding Bookmarks (Bookmark track play)

You can add Bookmarks to up to 99 tracks for each CD. You can use this function for up to 10 CDs.



While playing ATRAC3plus/ATRAC3 files

You can add Bookmarks to up to 999 tracks for each CD (up to 5 CDs).

While playing MP3 files

You can add Bookmarks to up to 400 tracks for each CD (up to 10 CDs).


To add Bookmarks

- 1 During playback of the track to which you want to add a Bookmark, press and hold **▶||** until “ (Bookmark)” flashes in the display.
When the Bookmark has been added successfully, “” flashes slower.
- 2 Repeat step 1 to add Bookmarks to the tracks you want.

To listen to tracks with Bookmarks

- 1 Press **P MODE/⟲** repeatedly until “” flashes.
- 2 Press **▶||**.
“” lights up in the display and the playback of the tracks with the Bookmarks starts.

To remove Bookmarks

During playback of a track with a Bookmark, press and hold **▶||** until “” disappears from the display.

To check tracks with Bookmarks

During playback of tracks with Bookmarks, “” flashes slowly in the display.

Notes

- During playback of tracks with Bookmarks, tracks are played in order of track number, and not in the order you added the Bookmarks.
- If you try to add Bookmarks to tracks on an 11th CD (on a 6th CD when playing ATRAC CDs), the Bookmarks of the CD you played back first will be erased.
- If you remove all power sources, all Bookmarks stored in memory will be erased.

Playing your favorite play lists (m3u play list play)

(MP3 CD only)

You can play your favorite m3u play lists.*

* An “m3u play list” is a file for which an MP3 file playing order has been encoded. To use the play list function, record MP3 files on a CD-R/RW using encoding software that supports the m3u format.

- 1** During playback, press **P MODE**/ repeatedly until  appears.

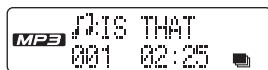


Play list

- 2** Press **◀◀** or **▶▶** to select a play list you want.



- 3** Press **▶II**.



Note

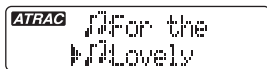
You can only play the top two play lists displayed on your screen on this CD player.

Searching for your favorite tracks/files/groups quickly using the JOG DIAL

Selecting your favorite track or file

During playback, turn the JOG DIAL to select the track or the file you want, then press ENTER.

The CD player starts play.



To cancel the track search

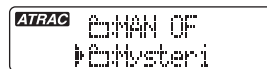
Turn the JOG DIAL to the left until "CANCEL" appears, then press ENTER.

To cancel the file search

- 1 Turn the JOG DIAL to the left until "☐:" appears, then press ENTER.
- 2 Turn the JOG DIAL to the left until "CANCEL" appears, then press ENTER.

Selecting your favorite group (ATRAC CD, MP3 CD only)

- 1 During playback, turn the JOG DIAL to the left until "☐:" appears, then press ENTER. "☐: group name" appears and the CD player enters the group search mode.
- 2 Turn the JOG DIAL to select the group you want, then press ENTER.



You can select the file you want by turning the JOG DIAL.

Tip

When using your CD player on house current (AC power adaptor), you can also select the group you want during stop by turning the JOG DIAL.

To cancel the group search

Turn the JOG DIAL to the left until "CANCEL" appears, then press ENTER.

Note

When using an ATRAC or MP3 CD, up to 400 file names or up to 100 group names can be displayed. If the number of files or groups surpasses these figures, a file number such as "401" or a group number such as "101" will be displayed instead of names.

The G-PROTECTION function

The G-PROTECTION function has been developed to provide excellent protection against sound skipping while jogging. When you set the G-PROTECTION switch on your CD player to “2”, the G-PROTECTION function will be enhanced compared to “1.”

To walk with the CD player and enjoy high quality CD sound using the G-PROTECTION function, set the G-PROTECTION switch to “1.” While taking harder exercise, it is recommended that you set it to “2.”

Note

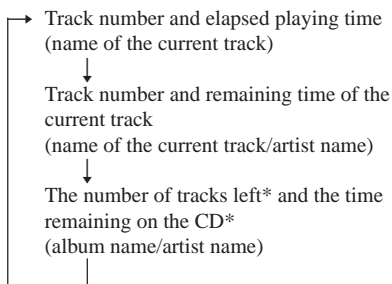
Sound may skip:

- if the CD player receives stronger continuous shock than expected,
- if a dirty or scratched CD is played or
- when using poor-quality CD-Rs/CD-RWs or if there is a problem with the original recording device or application software.

Checking the time remaining on the CD and the number of tracks left (audio CD)

Each time you press DISPLAY, the display changes as follows.

For an audio CD containing CD text information, information in parentheses also appears.



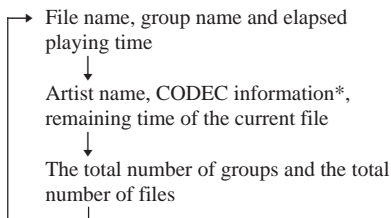
* Not displayed during Single play, Shuffle play or Bookmark track play.

Checking information on a CD with ATRAC3plus/ATRAC3/MP3 files

You can check information on a CD with ATRAC3plus/ATRAC3/MP3 files using DISPLAY.

You can also check ID3 tag information if the file has that information stored.

Each time you press DISPLAY, the display changes as follows:



*Variable bit rate and sampling frequencies

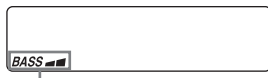
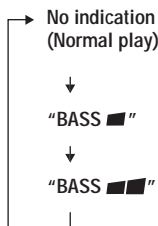
Notes

- If the group does not have a group name, "ROOT" appears in the display.
- If the file does not have ID3 tag information, "- - -" appears in the display.

Emphasizing the bass sound (SOUND)

You can emphasize the bass-boosted sound.

Press SOUND to select "BASS ■" or "BASS ■■."



The selected sound mode is displayed.

"BASS ■■" enhances the bass sound more than "BASS ■."

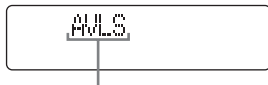
Note

If the sound is distorted when using the SOUND function, turn down the volume.

Protecting your hearing (AVLS)

The AVLS (Automatic Volume Limiter System) function keeps down the maximum volume to protect your hearing.

Press and hold SOUND until “AVLS ON” appears in the display.



Flashes when the volume is turned up beyond a certain level.

To turn off the AVLS function

Press and hold SOUND until “AVLS OFF” appears in the display.

Note

If you use the SOUND function and the AVLS function at the same time, sound may be distorted. If this happens, turn down the volume.

Locking the controls (HOLD)

You can lock the controls on your CD player to prevent accidental button presses.

Slide HOLD in the direction of the arrow.

“HOLD” flashes if you press any button when the HOLD function is activated.

To unlock the controls

Slide HOLD in the opposite direction of the arrow.

Turning off the operation beep sound

You can turn off the beep sound that is heard from your headphones/earphones when you operate your CD player.

1 Remove the power source (AC power adaptor, dry batteries) from the CD player.

2 Connect the power source while pressing ■ for about one second or more.

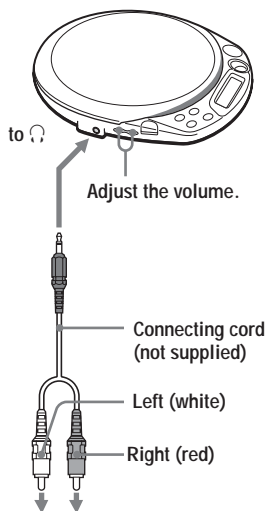
To turn on the beep sound

Remove the power source and then connect the power source without pressing ■.

Connecting a stereo system

You can listen to CDs through a stereo system and record CDs on a cassette tape. For details, see the instruction manual that comes with the connected device.

Be sure to turn off all connected devices before making connections.



Stereo system,
cassette recorder,
radio cassette
recorder, etc.

Notes

- Before you play a CD, turn down the volume of the connected device to avoid damaging the connected speakers.
- Use the AC power adaptor for recording. If you use the dry batteries as a power source, batteries may become completely depleted during recording.
- Adjust the volume properly on the CD player and on the connected device so that the sound will not be distorted or noisy.

About the G-PROTECTION function when using the connecting cord

To record high quality CD sound, set the G-PROTECTION switch to "1."

▶ Connecting to a power source

You can use the following power sources:

- AC power adaptor (see “Playing an audio CD or ATRAC3plus/ATRAC3/MP3 files”)
- LR6 (size AA) alkaline batteries

For the battery life, see “Specifications.”

Using the dry batteries

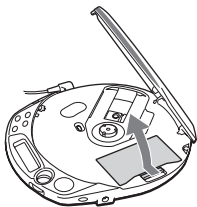
Use only the following dry battery type for your CD player:

- LR6 (size AA) alkaline batteries

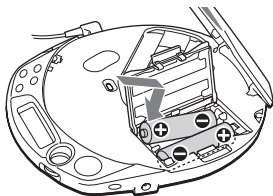
Note

Be sure to remove the AC power adaptor when using the dry batteries.

1 Open the battery compartment lid inside your CD player.



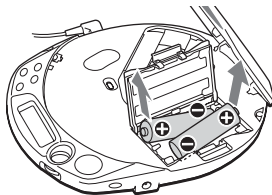
2 Insert two LR6 (size AA) batteries by matching the ⊕ to the diagram in the battery compartment and close the lid until it clicks into place.



Insert ⊖ end first
(for both batteries).


To remove the batteries

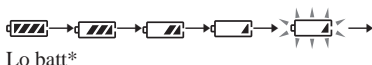
Remove the batteries as illustrated below.



When to replace the batteries

You can check the remaining power of the batteries in the display.



Replace the batteries when “” flashes.



* Beep sounds.

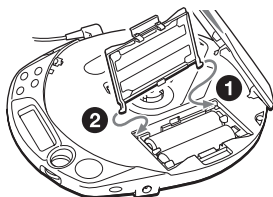
When the batteries are depleted, replace both batteries with new ones.

Notes

- The indicator sections of  roughly shows the remaining battery power. One section does not always indicate one-fourth of the battery power.
- Depending on operating conditions, the indicator sections of  may increase or decrease.

To attach the battery compartment lid

If the battery compartment lid is detached by an accidental drop, excessive force, etc., attach it as illustrated below.



Notes on the power source

Disconnect all power sources when the CD player is not used for a long time.

On AC power adaptor

- Use only the AC power adaptor supplied. If your CD player is not supplied with the one, use the AC-E45HG AC power adaptor. Do not use any other AC power adaptor. It may cause a malfunction.

Polarity of the plug



- Do not touch the AC power adaptor with wet hands.
- Connect the AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.

On dry batteries

- Do not throw the batteries into fire.
- Do not carry the batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery are accidentally contacted by a metallic object.
- Do not mix new batteries with old ones.
- Do not use different types of batteries together.
- When the batteries are not to be used for a long time, remove them.
- If battery leakage occurs, wipe off any deposit in the battery compartment, and install new batteries. In case the deposit adheres to you, wash it off thoroughly.

Precautions

On safety

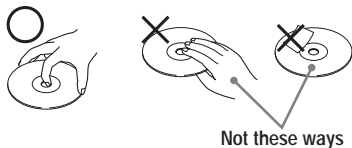
- Should any solid objects or liquid fall into the CD player, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put any foreign objects in the DC IN 4.5 V (external power input) jack.

On the CD player

- Keep the lens on the CD player clean and do not touch it. If you do so, the lens may be damaged and the CD player will not operate properly.
- Do not put any heavy object on top of the CD player. The CD player and the CD may be damaged.
- Do not leave the CD player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unlevelled surface, or in a car with its windows closed.
- If the CD player causes interference to the radio or television reception, turn off the CD player or move it away from the radio or television.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this CD player. Attempting to do so may damage the CD player. Do not use such discs.

On handling CDs

- To keep the CD clean, handle it by its edge. Do not touch the surface.
- Do not stick paper or tape onto the CD.



- Do not expose the CD to direct sunlight or heat sources such as hot air ducts. Do not leave the CD in a car parked under direct sunlight.

On headphones/earphones

Road safety

Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Avoid using headphones/earphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Consideration for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

Maintenance




To clean the casing

Use a soft cloth slightly moistened in water or a mild detergent solution. Do not use alcohol, benzine or thinner.

Troubleshooting

Should any problem persist after you have checked these symptoms, consult your nearest Sony dealer.

Symptom	Cause and/or corrective actions
The volume does not increase even if you press the VOL + button repeatedly.	→ If "AVLS" flashes in the display, press and hold SOUND until "AVLS OFF" appears in the display. (page 23)
No sound, or noise is heard.	→ Connect the plugs firmly. (page 11) → Plugs are dirty. Clean the plugs with a dry soft cloth periodically.
Certain files cannot be played.	→ You tried to play files saved in a format that is not compatible with this CD player. (page 6)
The playing time is too short when powered with the dry batteries.	→ Check that you are using alkaline batteries and not manganese batteries. (page 25) → Replace the batteries with new LR6 (size AA) alkaline batteries. (page 25)
"Lo batt" appears in the display. The CD does not play.	→ Replace the batteries with new LR6 (size AA) alkaline batteries. (page 25)
"HI dc In" appears in the display.	→ Use only the AC power adaptor or car battery cord in "Optional accessories." (page 31) → Remove all power sources, then insert the batteries or connect the AC power adaptor again. (pages 11, 25)
The CD does not play or "No disc" appears in the display when a CD is placed in the CD player.	→ The buttons are locked. Slide the HOLD switch back. (page 23) → The CD is dirty or defective. → Check that the CD is inserted with the label side up. (page 11) → Moisture condensation has occurred. Leave the CD player aside for several hours until the moisture evaporates. → Close the lid of the battery compartment firmly. (page 25) → Make sure the batteries are inserted correctly. (page 25) → Connect the AC power adaptor to an AC outlet securely. (page 11) → Press ► after one second or more has passed since the AC power adaptor was connected. → The CD-R/RW is blank. → There is a problem with the quality of the CD-R/RW, recording device, or application software. → Files in two or more formats have been recorded on the same CD-R/RW. (page 7)
"HOLD" flashes in the display when you press a button, and the CD does not play.	→ The buttons are locked. Slide the HOLD switch back. (page 23)

Symptom	Cause and/or corrective action
Playback starts from the point you stopped. (resume function)	→ The resume function is working. To start play from the first track, press ▶ during stop until the first track starts playing, or open the lid of the CD player. Or remove all power sources, then insert the batteries or connect the AC power adaptor again. (pages 11, 12, 25)
Rustling noise is heard from the CD.	→ Close the lid of the battery compartment firmly. (page 25)
When using with a connected stereo system, the sound is distorted or noisy.	→ Adjust the volume of the CD player and the connected device. (page 24)
During playback of an ATRAC CD or MP3 CD, the CD does not rotate but you can hear the sound normally.	→ The CD player is designed to stop the rotation of an ATRAC CD or MP3 CD during playback to reduce the power consumption. The player is not malfunctioning.
"NO FILE" appears in the display after ▶ is pressed or the lid of the CD player is closed.	<ul style="list-style-type: none"> → There are no ATRAC3plus/ATRAC3/MP3 files in the CD. → A CD-RW from which the data has been erased is being used. → The CD is dirty.
When closing the lid of the CD player, the CD starts to rotate.	→ The CD player is reading the information on the CD. The player is not malfunctioning.
The LCD display becomes hard to see or slows down.	→ You are using your CD player at high temperatures (above 40°C/104°F) or at low temperatures (below 0°C/32°F). At room temperature, the display will return to its normal operating condition.
"  " is flashing quickly in the display, and you cannot locate the beginning of the track or the specific point in the track.	→ The CD player has entered the Bookmark track play. Press P MODE/  repeatedly until "  " disappears from the display.

Specifications

System

Compact disc digital audio system

Laser diode properties

Material: GaAlAs

Wavelength: $\lambda = 780 \text{ nm}$

Emission duration: Continuous

Laser output: Less than $44.6 \mu\text{W}$

(This output is the value measured at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

D-A conversion

1-bit quartz time-axis control

Frequency response

20 - 20 000 Hz ± 1 dB (measured by JEITA CP-307)

Output (at 4.5 V input level)

Headphones (stereo minijack)

Approx. 5 mW + Approx. 5 mW at 16Ω

Power requirements

For the area code of the model you purchased, check the upper left side of the bar code on the package.

- Two LR6 (size AA) batteries: 1.5 V DC $\times 2$
- AC power adaptor (DC IN 4.5 V jack):
U, U2, CA, CA2, E92, MX2, TW2 and CA2/C models: 120 V, 60 Hz
CED, CED/4, CE7, CE7/C, EE, EE1, E, E13 and E13/2 models: 220 - 230 V, 50/60 Hz
CEK model: 230 V, 50 Hz
AU2 model: 240 V, 50 Hz
EU8, EU8/C, JE.W, E18, KR4 and EE8 models:
100 - 240 V, 50/60 Hz
HK4 model: 230 V, 50 Hz
CNA model: 220 V, 50 Hz

Battery life*1 (approx. hours)

(When you use the CD player on a flat and stable surface)

Playing time varies depending on how the CD player is used.

When using two Sony alkaline batteries LR6 (SG) (produced in Japan)

	G-PROTECTION function	
	"1"	"2"
Audio CD	50	45
ATRAC3plus files*2	80	80
MP3 files*3	75	75

*1 Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association)

*2 When recorded at 48 kbps or 64 kbps

*3 When recorded at 128 kbps

Operating temperature

5°C - 35°C (41°F - 95°F)

Dimensions (w/h/d) (excluding projecting parts and controls)

Approx. $136.0 \times 26.3 \times 156.3 \text{ mm}$
($5 \frac{3}{8} \times 1 \frac{1}{16} \times 6 \frac{1}{4} \text{ in.}$)

Mass (excluding accessories)

Approx. 202 g (7.2 oz.)

US and foreign patents licensed from Dolby Laboratories.

Design and specifications are subject to change without notice.

Optional accessories

AC power adaptor	AC-E45HG
Active speaker system	SRS-Z1
Car battery cord	DCC-E345
Car battery cord with car connecting pack	DCC-E34CP
Car connecting pack	CPA-9C
Earphones	MDR-E931LP MDR-EX71SL MDR-Q55SL

Your dealer may not handle some of the accessories listed above. Please ask the dealer for detailed information about the accessories in your country.

警告

为防火灾或触电危险，切勿让机器暴露于雨中或潮湿处。

别把机器安装在诸如书橱或壁橱等密闭处。

为防火灾，请勿让装置的通风孔盖住报纸，桌布，窗帘等。也不可在装置上点放蜡烛。

为防火灾或触电危险，不可在装置上摆设花瓶等装满液体的物体。

一部分国家对于本产品的电源用电池可能规定有处置的标准。请洽询当地有关当局。

注意

- 开着时，将有看不见的激光辐射
- 别凝视激光束或直接用光学仪器观看

CE 标志的有效性，仅限于那些有法律限制的国家，主要在 EEA（欧洲经济区）国家。

ATRAC3plus 和 ATRAC3 是 Sony 公司的商标。

目录

享用您的 ATRAC CD 随身听

制作原创 ATRAC CD !	5
可在本 CD 播放机上播放的音乐源	6
ATRAC3plus 和 ATRAC3	6
MP3 文件	6
ATRAC3plus/ATRAC3 和 MP3 之间的差别	8

准备使用

控制器位置	9
检查随机附件	10

播放声频 CD 或 ATRAC3plus/ ATRAC3/ MP3 文件

1. 连接 CD 播放机。	11
2. 装入 CD。	11
3. 播放 CD。	11

播放模式选择

任意顺序播放曲子 (随机播放)	17
按任意顺序播放选定组中的所有文件 (组随机播放) (只适用于 ATRAC/MP3 CD)	17
给喜欢的曲子加记 Bookmarks 以便选播 (播放加记书签的曲子) ...	18
播放您喜欢的播放列表 (m3u 播放列表播放) (只适用于 MP3 CD)	19
使用 JOG DIAL 快速搜索喜欢的 曲子 / 文件 / 组	20

适用功能

G-PROTECTION 功能	21
检查 CD 的剩余时间和剩余曲数 (声频 CD)	21
检查带 ATRAC3plus/ATRAC3/ MP3 文件的 CD 的信息	22
加强低音 (SOUND 功能)	22
保护听觉 (AVLS)	23
锁定控制器 (HOLD)	23
关掉操作哔声	23

连接 CD 播放机

连接立体声系统	24
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连接电源

使用干电池	25
电源须知	26

附加信息

使用前须注意	27
保养	27
故障检修	28
规格	30
选购的附件	31

享用您的 ATRAC CD 随身听

感谢您购买 D-NE511。此 CD 随身听名为“ATRAC CD 随身听”。因为您可以在上面欣赏“ATRAC CD”。

制作原创 ATRAC CD！

可以制作自己的 ATRAC CD。
过程非常简单。只要执行步骤 1、2 和 3。

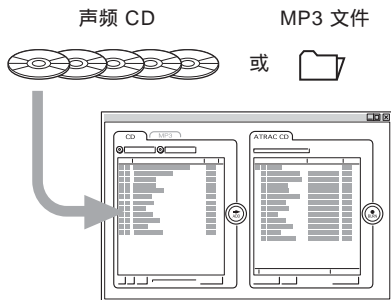
步骤 1 安装

安装附带的“SonicStage Simple Burner”软件。



步骤 2 刻录

制作光盘映像并使用 PC 将其刻录到 CD-R/RW 上。



用 SonicStage Simple Burner 把音频数据转换成 ATRAC3plus/ATRAC3 格式。

怎样使用 SonicStage Simple Burner

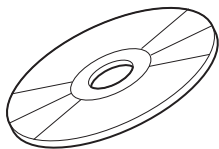
请参看附带的“SonicStage Simple Burner”手册。

什么是 ATRAC CD ?

ATRAC CD 是一张 CD-R/RW，上面录有按 ATRAC3plus/ATRAC3 格式压缩的音讯数据。约 30 张音频 CD 可录制在一张 CD-R/RW 上。* 也可以通过把文件转换成 ATRAC3plus/ATRAC 格式来录制 MP3 文件。

* 当一张 CD (专辑) 总的播放时间估计为 60 分钟，并且按 48 kbps 以 ATRAC3plus 格式录制在 700 MB 大小的 CD-R/RW 上时。

ATRAC CD



步骤 3 收听

可以在您的 ATRAC CD 随身听上欣赏自己的 ATRAC CD。



也可以在您的 CD 随身听上欣赏音频 CD。

什么是 ATRAC3plus/ATRAC3 格式？
参考本手册的第 6-8 页。

可在本 CD 播放机上播放的音乐源

可以在本 CD 播放机上播放下列 3 种音乐源：

- 声频 CD
- ATRAC3plus/ATRAC3 格式文件
- MP3 文件

可用的光盘格式

只能使用 ISO 9660 Level 1/2 和 Joliet extension 格式光盘。

ATRAC3plus 和 ATRAC3

“ATRAC3plus”表示“自适应转换声音编码 3+”，是一种音讯压缩技术，从 ATRAC3 格式发展而来。虽然 ATRAC3plus 格式可以把音乐内容压缩到原来大小的 1/20，但您仍可欣赏到高质量的声音。可用的传输比特率为 64 kbps 和 48 kbps。

“ATRAC3”表示“自适应转换声音编码 3”，是一种音讯压缩技术，它可满足对高质量声音和高压缩率的要求。ATRAC3 格式可以把音乐内容压缩到原来大小的 1/10，有助于减小介质体积。可用的传输比特率为 132 kbps、105 kbps 和 66 kbps。

可用的组和文件数

- 最大组数：255
- 最大文件数：999

详细，请参看附带的“SonicStage Simple Burner”手册。

将文件保存到媒体上的注意事项

请勿以其他格式保存文件或将文件保存到有 ATRAC3plus/ATRAC3 文件存在的光盘上的不需要的组中。

MP3 文件

MP3 表示 MPEG-1 Audio Layer3，由活动图像专家组（一个 ISO（国际标准化组织）工作组）支持的音讯文件压缩标准，可使音讯文件压缩到标准小型光盘数据大小的约 1/10。由于 MP3 编码算法是公开的，有各种符合此标准的编码器/解码器，包括共享无需付费的。所以，MP3 标准在计算机领域使用广泛。

可接受的光盘格式的主要规格是：

- 最多目录层次：8
- 文件 / 文件夹名可接受的字符：A-Z、a-z、0-9、_（下划线）

注

- 当命名文件时，务必在文件名后加上文件扩展名“mp3”。
- 如果在非 MP3 文件名上加上扩展名“mp3”，播放机将不能正确识别此文件。
- 文件名和 ID3 tag 不对应。

可用的组和文件数

- 最大组数：100
- 最大文件数：400

压缩和写入软件设置

- 本 CD 播放机支持下列规格的 MP3 文件：传输比特率：16-320 kbps，采样频率：32/44.1/48 kHz，也支持可变比特率（VBR）。
要把声源压缩为 MP3 文件，建议把压缩软件的传输比特率设为“44.1 kHz”，“128 kbps”和“Constant Bit Rate”。
- 要录制到最大容量，设为“halting of writing”。
- 要一次性把空白介质录到最大容量，设为“Disc at Once”。

将文件保存到媒体上的注意事项

- 请勿以其他格式保存文件或将文件保存到有 MP3 文件存在的光盘上的不需要的文件夹中。
- 当插入一张光盘时，CD 播放机读取该光盘上的所有文件夹和文件信息。如果该光盘上有多个文件夹，开始播放或开始播放下一个文件可能要花一段时间。

ATRAC3plus/ATRAC3 和 MP3 之间的差别

组和文件夹

ATRAC3plus/ATRAC3 格式的结构很简单。它由“文件”和“组”构成。“文件”相当于声频 CD 的“曲子”，“组”是文件的集合，相当于“专辑”。“组”没有目录类型结构（新组不能在现存组里建立）。本 CD 播放机把 MP3 文件的文件夹识别为“组”，所以它可以用同样的操作播放按 ATRAC3plus/ATRAC3 格式录制的 CD-R/RW 和按 MP3 格式录制的 CD-R/RW。

显示曲名等

当在本 CD 播放机上播放有 ATRAC3plus/ATRAC3 文件或 MP3 文件的 CD 时，显示曲名、艺术家名和专辑名。本 CD 播放机符合 ID3 tag 格式 1.1/2.2/2.3 版*。

* ID3 tag 是用于给 MP3 文件添加某些信息（曲名、专辑名、艺术家名等）的格式。

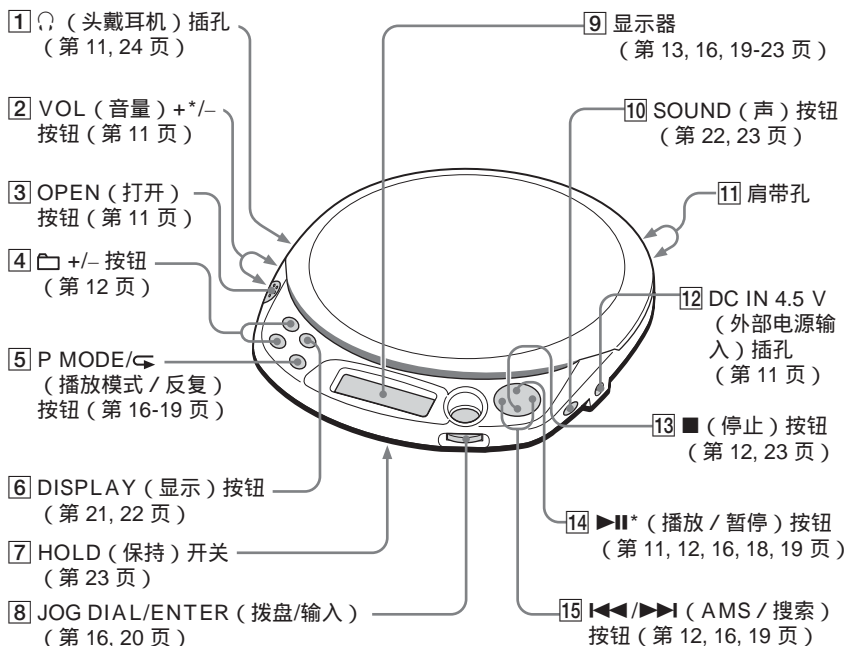
注

- 本 CD 播放机不能在可录制介质，如 CD-R/RW 上录制音乐内容。
- 按 ATRAC3plus/ATRAC3 格式录制的 CD-R/RW 不能在计算机上播放。
- 播放能力可能随光盘质量和录制设备的状况而变。

控制器位置

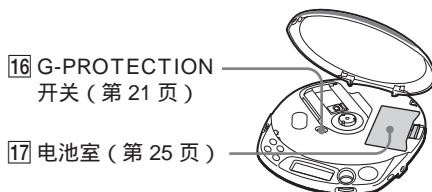
详细，请参看括弧中的页次。

CD播放机 (正面)



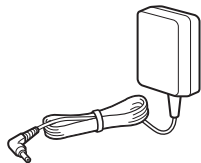
* 按键带触感圆点。

CD播放机 (里面)

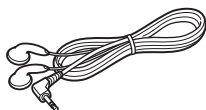


检查随机附件

AC 电源转接器 (1)



头戴耳机 / 耳机 (1)

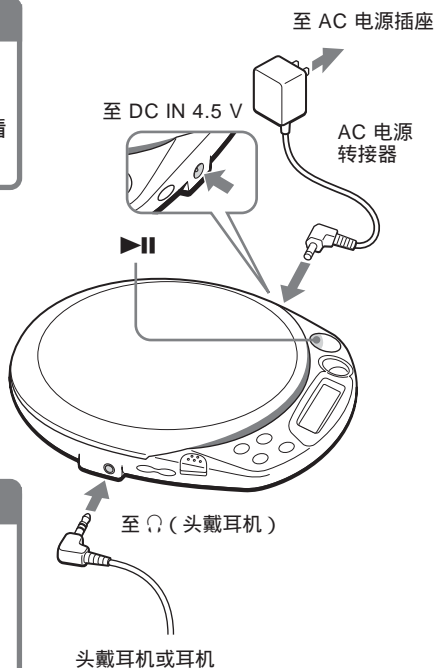


CD-ROM (SonicStage Simple Burner) (1)
SonicStage Simple Burner 用户指南 (1)

播放音频 CD 或 ATRAC3plus/ATRAC3/MP3 文件

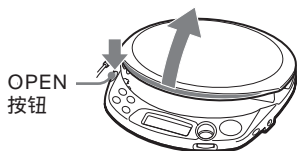
1. 连接 CD 播放机。

- 1 连接 AC 电源转接器*。
 - 2 连接头戴耳机 / 耳机。
- 也可以使用干电池作为电源。（参看第 25 页）

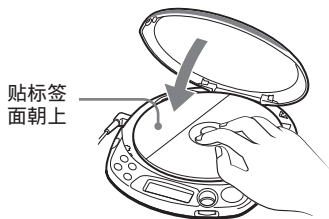


2. 装入 CD。

- 1 按 OPEN 以揭开 CD 播放机机盖。



- 2 装一张 CD 于托盘上，关上机盖。



3. 播放 CD。



(接下页)

基本操作

要	请
播放 (从您停止的点开始)	按 ▶ 。 从停止点开始播放。
播放 (从第一首曲子开始)	停止时, 请按住 ▶ 至开始第一曲的播放。
暂停/暂停后的复位播放	按 ▶ 。
停止	按 ■ 。*2
找出当前曲子的开头 (AMS*1)	快速按 ◀◀ 一次。*2
找出前面曲子的开头 (AMS)	反复按 ◀◀ 。*2, *3
找出下一首曲子的开头 (AMS)	快速按 ▶▶ 一次。*2, *3
找出后面曲子的开头 (AMS)	反复按 ▶▶ 。*2, *3
快速倒回	按住 ◀◀ 。*2
快速前进	按住 ▶▶ 。*2
跳到后面的组*4	反复按 ◻ + 。
跳到前面的组*4	反复按 ◻ - 。

*1 自动乐曲探测

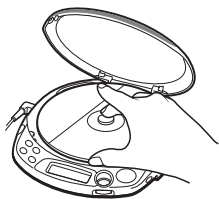
*2 在放音和暂停中都可作这些操作。

*3 在播放了最后一曲之后, 可以按 **▶▶** 回到第一曲的开头。同样, 如果在第一曲上, 可以按 **◀◀** 找出最后一曲。

*4 只有当播放 ATRAC/MP3 CD 时。

卸下 CD

按住托盘中心的枢轴同时取下 CD。



关于 CD-R/RW

本 CD 播放机能播放用 CD-DA 格式*录的 CD-R/RW。但, 播放能力将视光盘的品质和记录装置的条件而异。

* CD-DA 是 Compact Disc Digital Audio (激光盘数码音频) 的简称。是用于声频 CD 的录音标准。

用版权保护技术编码的音乐光盘

本产品设计用于播放符合 Compact Disc (CD) 标准的光盘。近来, 许多录制公司都出售各种用版权保护技术编码的音乐光盘。请注意, 这些光盘中可能会有不符和 CD 标准的光盘, 且可能无法用本产品播放。

关于显示

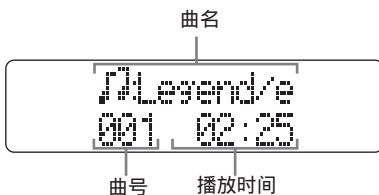
当 CD 播放机播放时，下列指示出现在显示器上。

也可以使用 DISPLAY (参看第 21, 22 页) 检查剩余时间、曲名等。

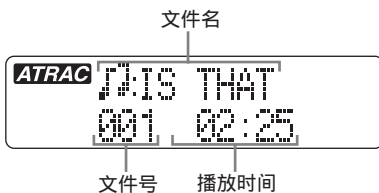
当播放音频 CD 时



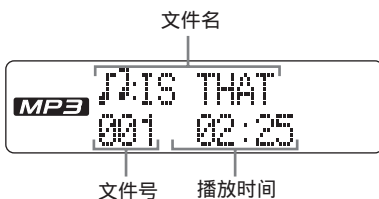
当播放包含 CD 文本信息的音频 CD 时



当播放 ATRAC3plus/ATRAC3 文件时



当播放 MP3 文件时

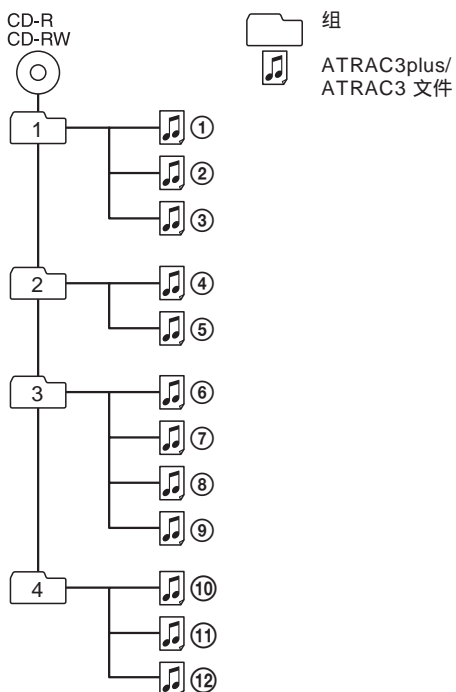


注

在播放文件之前，CD 播放机读取 CD 上的所有文件和组信息，显示“READING”。取决于 CD 的内容，读取的时间可能要长一些。

(接下页)

ATRAC3plus/ATRAC3 组和文件的例子



文件模式 从 ①, ②, ③, ……⑪, ⑫ 播放所有 ATRAC3plus/ATRAC3 文件。

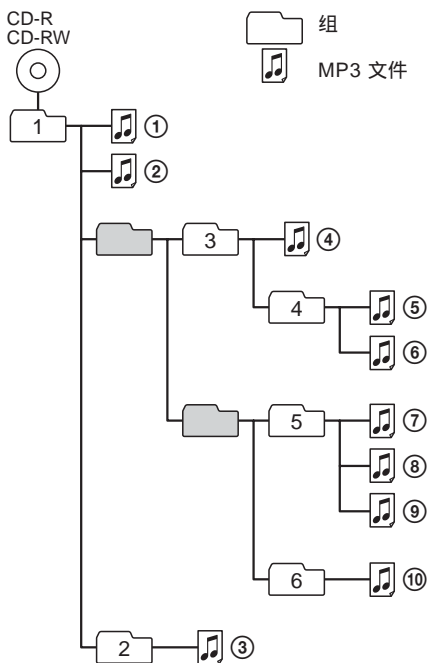
组模式 在选定的组里播放所有 ATRAC3plus/ATRAC3 文件。

注

- 最大组数：255
- 最大文件数：999
- 本 CD 播放机可以显示字符 A-Z、a-z、0-9 和 _。
- 当涉及 ATRAC CD 时，“组”相当于“专辑”，“文件”相当于“曲子”。

组结构和播放顺序的例子 (MP3 CD)

组和文件的播放顺序如下：



文件模式 从 ①, ②, ③, ……⑨, ⑩ 播放所有 MP3 文件。

组模式 在选定的组里播放所有 MP3 文件。(例：如果选择组 3, CD 播放机播放文件 ④。如果选择组 4, CD 播放机播放文件 ⑤ 和 ⑥。)

注

- 不包括 MP3 文件的组被跳过。
- 最大组数：100
最大文件数：400
- 最多目录层次：8
- 本 CD 播放机可以显示字符 A-Z、a-z、0-9 和 _。
- 当涉及 MP3 CD 时，“组”相当于“专辑”，“文件”相当于“曲子”。

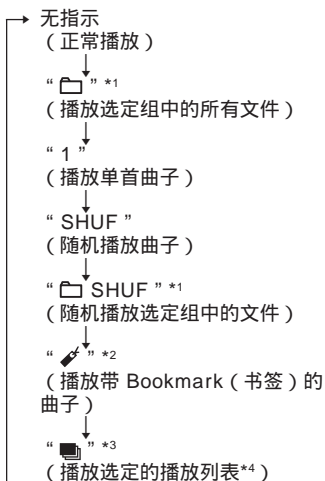
播放模式选择

使用 P MODE/☞ (播放模式 / 反复), JOG DIAL/ENTER, ◀◀/▶▶ 和 ▶▶ 可以享用各种播放选项。

P MODE/☞ 按钮

如果播放期间按了此按钮,便能改变播放模式。

播放中如果按住此按钮至出现“☞”,便能以用 P MODE/☞ 所选择的播放模式去反复播放曲子。



*1 只适用于 ATRAC/MP3 CD

*2 只适用于当书签已添加到曲子 / 文件上时

*3 只适用于 MP3 CD

*4 只适用按 MP3 格式录制的播放列表 (m3u)。

显示

播放模式



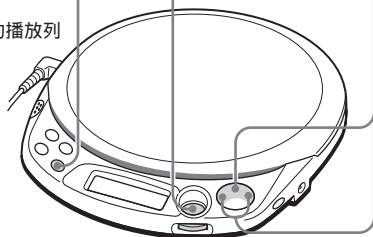
显示 CD 文本信息、ATRAC3plus/ATRAC3/MP3 文件信息、播放时间等

JOG DIAL 和 ENTER

- 转动 JOG DIAL。
可以选择所要的文件或组。
- 按 ENTER。
可以切换文件 / 组搜索模式,也可以开始播放。

◀◀/▶▶ 按钮和 ▶▶ 按钮

- 按 ▶▶ 或 ◀◀。
可以选择所要的播放列表。
- 按 ▶▶。
可以加记 Bookmarks (书签),也可以开始播放带书签的曲子和播放列表。



任意顺序播放曲子 (随机播放)

播放中，反复按 P MODE/◀ 至显示 “ SHUF ”。

当播放 ATRAC3plus/ATRAC3/MP3 文件时

在随机模式，CD 播放机按任意顺序播放 CD 上的所有文件。

按任意顺序播放选定组中的所有文件 (组随机播放) (只适用于 ATRAC/MP3 CD)

播放中，反复按 P MODE/◀ 至显示 “ ㊦ SHUF ”。

当播放 ATRAC3plus/ATRAC3/MP3 文件时

CD 播放机按任意顺序播放选定组中的所有文件。

给喜欢的曲子加记 Bookmarks 以便选播 (播放加记书签的曲子)

每张 CD 最多能给 99 首曲子加记书签。最多能为 10 张 CD 使用此功能。



当播放 ATRAC3plus/ATRAC3 文件时

每张 CD 最多能给 999 首曲子加记书签 (最多 5 张 CD)。




当播放 MP3 文件时

每张 CD 最多能给 400 首曲子加记书签 (最多 10 张 CD)。

要加记书签时

- 1 播放曲子当中, 在所加记书签处按住 **▶||** 至显示器中闪烁着 “ (Bookmark) ”。
当成功加记完书签时, “ ” 闪烁即变慢。
- 2 反复步骤 1 给所要的曲子加记书签。


要利用 Bookmark 听曲子时

- 1 请反复按 P MODE/ 至闪烁着 “ ”。
- 2 按 **▶||**。
显示器中即点亮 “ ” 而开始播放带有 Bookmark (书签) 的曲子。

要去除 Bookmark 时

请在播放带有 Bookmark (书签) 的曲子当中, 按住 **▶||** 至显示器中的 “ ” 消失了显示。

要检查带有 Bookmark 的曲子时

在播放带有 Bookmark (书签) 的曲子当中, 显示器中的 “ ” 将闪烁得较慢。

注

- 在播放带有 Bookmark (书签) 的曲子当中, 是以曲号顺序播放曲子的, 而不是以您加记的顺序播放的。
- 您如果试图给第 11 张 CD (播放 ATRAC CD 时为第 6 张) 上的曲子加记书签, 则您播放的第一张 CD 上的书签将被擦除。
- 您如果断开了所有的电源, 则储存在存储器中的所有 Bookmark 都将被擦去。

播放您喜欢的播放列表 (m3u 播放列表播放) (只适用于 MP3 CD)

可以播放喜欢的 m3u 播放列表*。

* “m3u 播放列表”是一个编码 MP3 文件播放顺序的文件。要使用播放列表功能，请使用支持 m3u 格式的编码软件把 MP3 文件录制到 CD-R/RW 上。

1 播放中，反复按 P MODE/↵ 至显示“”。

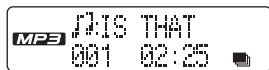


播放列表

2 按 ◀◀ 或 ▶▶ 选择所要的播放列表。



3 按 ▶||。



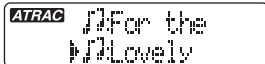
注

您只能播放显示在本 CD 唱机屏幕最上部的两个播放列表。

使用 JOG DIAL 快速搜索喜欢的曲子 / 文件 / 组

选择喜欢的曲子或文件

播放期间，转动 JOG DIAL 选择所要的曲子或文件，然后按 ENTER。
CD 播放机开始播放。



要取消曲子搜索

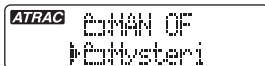
向左转动 JOG DIAL 至显示 “CANCEL”，然后按 ENTER。

要取消文件搜索

- 1 向左转动 JOG DIAL 至显示 “⏪”，然后按 ENTER。
- 2 向左转动 JOG DIAL 至显示 “CANCEL”，然后按 ENTER。

选择喜欢的组（仅用于 ATRAC CD，MP3 CD）

- 1 播放期间，向左转动 JOG DIAL 至显示 “⏪”，然后按 ENTER。显示 “⏪:组名”。CD 播放机进入组搜索模式。
- 2 转动 JOG DIAL 选择所要的组，然后按 ENTER。



通过转动 JOG DIAL 可以选择所要的文件。

要点

当家用电源（交流电转换器）给 CD 播放机供电时，通过转动 JOG DIAL 也可以在停止期间选择所要的组。

要取消组搜索

向左转动 JOG DIAL 至显示 “CANCEL”，然后按 ENTER。

注

当使用 ATRAC 或 MP3 CD 时，最多可显示 400 个文件名或 100 个组名。如果文件数或组数超过这些数字，文件号，如 “401” 或组号，如 “101” 将代替名称显示。

G-PROTECTION 功能

G-PROTECTION 功能已发展到能防止跑步时发生跳音的效能。

当在 CD 播放机上把

G-PROTECTION 开关设定于“2”时，G-PROTECTION 功能将比设定于“1”时更加强化。

步行中用 CD 播放机时，如果要利用 G-PROTECTION 功能欣赏高音质的 CD 音响时，请把 G-PROTECTION 开关设定于“1”。当作较激烈的运动时，最好把它设定于“2”。

注

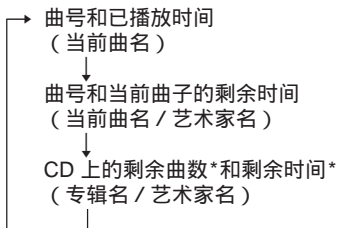
下列情况可能会发生跳音：

- 如果 CD 播放机受到连续的，意外强大的冲击。
- 如果 CD 光盘污秽或有刮痕或
- 当使用质量差的 CD-R/CD-RW，或原始记录装置或应用软件有问题时。

检查 CD 的剩余时间和剩余曲数（声频 CD）

每次按 DISPLAY，显示将作如下变化：

对于包含 CD 文本信息的声频 CD，括弧内的信息也将显示。

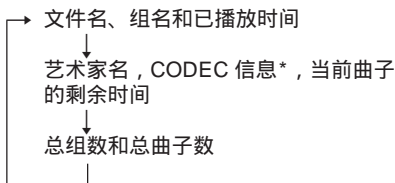


* 在单曲播放、随机播放或带书签曲子播放时不显示。

检查带 ATRAC3plus/ ATRAC3/MP3 文件的 CD 的信息

可以使用 DISPLAY 检查带 ATRAC3plus/ATRAC3/MP3 文件的 CD 的信息。如果文件已储存此类信息，也可以检查 ID3 tag 信息。

每次按 DISPLAY，显示将作如下变化：



* 可变位速率和采样频率

注

- 如果组没有组名，显示器上出现“ROOT”。
- 如果文件没有 ID3 tag 信息，显示器上出现“----”。

加强低音 (SOUND 功能)

能加强低音升压声。

按 SOUND 以选择“BASS ■”或“BASS ■■”。



显示所选声模式。

“BASS ■■”增强低音效果大于“BASS ■”。

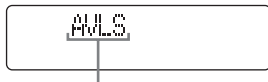
注

利用 SOUND (声) 功能时，如果声音失真，即请调小音量。

保护听觉 (AVLS)

AVLS (自动音量限制系统) 功能限制最大的音量以保护您的听觉。

按住 SOUND 至显示器上出现“AVLS ON”。



当转大音量超过某水平时，将起闪烁。

要关掉 AVLS 功能时

按住 SOUND 至显示器上出现“AVLS OFF”。

注

如果同时使用 SOUND 功能和 AVLS 功能，声音可能失真。此时，请调低音量。

锁定控制器 (HOLD)

您可以锁定 CD 播放机上的控制器以防意外按捺了按键发生误操作。

沿箭头所指方向滑动 HOLD。

当 HOLD 功能激活时，按任何按钮，“HOLD”均闪烁。

要解锁控制器时

请相反着箭头所指方向滑动 HOLD。

关掉操作哔声

可以关掉当操作 CD 播放机时在头戴耳机 / 耳机上听到的哔声。

- 1 从 CD 播放机上卸下电源 (AC 交流电转换器或干电池)。
- 2 按着 ■ 大约 1 秒以上，同时连接上电源。

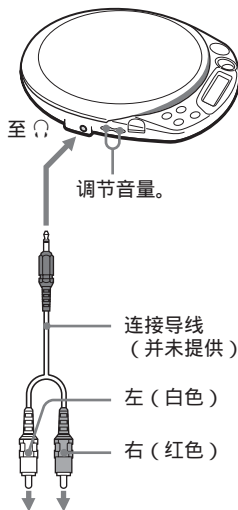
要打开哔声时

卸下电源，然后不必按 ■ 而再连接上电源。

连接立体声系统

能用立体声系统听 CD 播放也能把 CD 录到磁带上。详情参看所连接装置附带的操作说明。

连接装置以前，一定请先关掉各连接装置的电源开关。



立体声系统，磁带录音机，磁带收 / 录音机等。

注

- 要播放 CD 以前，请转小所连接装置的音量以防损坏连接着的扬声器。
- 请用 AC 交流电转换器电源录音。如果用充电电池或干电池电源录音，可能会在录音中途耗光电池造成不完全的录音。
- 适当地调整 CD 播放机和所连装置的音量以免声音发生失真或出现噪音。

关于使用连接导线时的 G-PROTECTION 功能

要录制高音质的 CD 音响时，把 G-PROTECTION 开关设定于“1”。

▶ 连接电源

可利用下列各种电源：

- AC 交流电转换器（参看“播放声频 CD 或 ATRAC3plus/ATRAC3/ MP3 文件”）
- LR6 (AA) 碱性电池

有关电池使用时间，请参看“规格”。

使用干电池

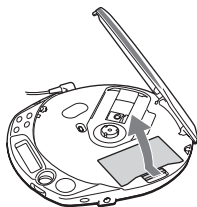
您的 CD 播放机限使用下列干电池：

- LR6 (AA) 碱性电池

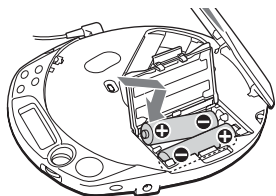
注

使用干电池时，一定请卸下 AC 交流电转换器。

1 揭开 CD 唱机里面的电池室盖。



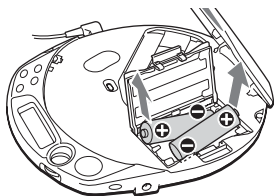
2 装两个 LR6 (AA) 电池使 ⊕ 极对准电池舱内的图示。然后关上盖子至卡搭定位



首先插入 ⊖ 端（两节电池都是如此）。


要取出电池时

如下图所示取出电池。



何时须更换电池

可在显示屏中检查电池的剩余电力。



当“”闪烁时请更换电池。



* 哔声。

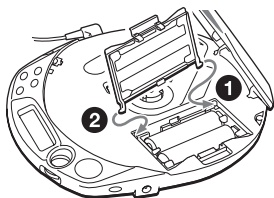
电池耗光时，请换新两个电池。

注

-  的指示段节粗示剩余电池电力。其一个段节不一定总是代表电池电力的四分之一。
- 根据操作条件， 的指示段节的使用时间可能增加或减少。

要安装电池舱盖时

万一因意外掉落机器或过分用力而脱落电池舱盖时，可按下列图示把它装回去。



电源须知

当长期不使用 CD 播放机时，请卸下所有的电源。

AC 交流电转换器须知

- 限使用附带的 AC 电源转接器。如果 CD 播放机没有附带 AC 电源转接器，使用 AC-E45HG AC 电源转接器。请别使用任何其他的 AC 电源转接器。因为可能造成故障。

插头电极



- 潮湿着手不要去碰 AC 交流电转换器。
- 将 AC 电源转接器接插到方便的 AC 电源插座。万一发现 AC 电源转接器有异常时，请立即从 AC 电源插座上拔下 AC 电源转接器。

干电池须知

- 别把电池投入火中。
- 电池不要和硬币等别的金属小件混在一起携带。因为电池的 +、- 电极若与金属件接触，将会生热造成危险。
- 别混用新、旧电池。
- 别混用不同类型的电池。
- 长时间不用电池时，请把它取出保存。
- 电池发生漏液时，须即擦拭干净电池舱内沾染的电解液，然后装用新电池。万一皮肤上沾染了漏液时，必须赶快洗净。

使用前须注意

安全须知

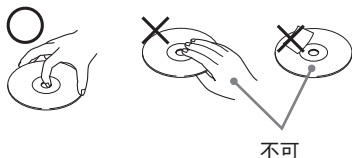
- 万一有任何异物或液体掉进 CD 播放机内时，即请立刻卸下电源并找有资格的人检查过以后才可再操作使用。
- 别试图用任何物体塞入 DC IN 4.5 V（外部电源输入）插孔。

CD 播放机须知

- 须保持 CD 播放机上的透镜干净清洁，不要用手触摸。否则，透镜可能受损而 CD 播放机将不能操作正常。
- 别在 CD 播放机上堆置重物以免压坏 CD 播放机或 CD 光盘。
- 别把 CD 播放机放置靠近热源或可直接照射到阳光，或多沙尘、潮湿、淋到雨、有机械冲击、不平坦的地方，或紧闭着窗门的汽车里面。
- 如果 CD 播放机给附近的收音机或电视接收造成干扰，即请关掉 CD 播放机或把它移离收音机或电视机使用。
- 本 CD 播放机不能用于播放不规则形（例如心形，方形，星形）的光盘。若试图那样做，将可能损坏您的 CD 播放机。切不可使用该类光盘。

CD 的管理须知

- 为维持 CD 清洁，必须拿 CD 的边缘。手不要接触到 CD 表面。
- 别在 CD 光盘上贴纸条或黏胶带。



- 别让 CD 直接照射到阳光或靠近热风管等热源，也不要把 CD 摆在停放在炎阳下的汽车中。

头戴耳机 / 耳机须知

路上安全

开车、骑车、或在操作任何机动车辆时，请勿使用头戴耳机 / 耳机。因为可能有造成交通事故的危险。有些地区是禁止使用的。步行中如果用太大音量听耳机也会有潜在危险的，尤其是在横过马路时。在有潜在危险的地方，必须特别注意或暂停使用。

防止损伤听觉

使用头戴耳机 / 耳机时，避免音量过大。最好也不要长时间连续使用。如有耳鸣经历，更应转小音量和避免连续用耳机听。

顾虑他人

请用适当的音量听。如此则仍可听到周围的声音并且不至于骚扰到旁边的人。

保养



清洁机壳

用软布蘸少量清水或温和的洗涤剂溶液擦拭清洁，不可使用酒精，汽油或稀疏剂。

故障检修

虽经检查过这些征候而问题仍未获解决时，即请洽询附近的 Sony 售店。

征候	原因和 / 或校正方法
即使反复按了 VOL + 按钮仍然不能调大音量。	→ 如果“AVLS”在显示器上闪烁，按住 SOUND 至显示器上出现“AVLS OFF”（第 23 页）。
没声，或只听到噪声。	→ 接稳插头。（第 11 页） → 插头脏了。定期用干软布擦拭插头。
某些文件无法播放。	→ 您试图播放以与本 CD 唱机不兼容的格式保存的文件（第 6 页）
用干电池电源时，放音时间太短。	→ 检查一下确实用了碱电池而不是锰电池。（第 25 页） → 请用新 LR6 (AA) 碱电池更换。（第 25 页）
显示器上出现“Lo batt”而 CD 不播放。	→ 更换新 LR6 (AA) 碱电池。（第 25 页）
显示器显示“HI dc In”。	→ 限使用“选购的附件”中的 AC 电源转接器或汽车电池导线。（第 31 页） → 卸下所有电源，然后再接上 AC 电源转接器。（第 11, 25 页）
CD 装入 CD 唱机时，并不播放 CD 而在显示器中出现“ No disc ”（无光盘）。	→ 按钮被锁定。请推回 HOLD。（第 23 页） → CD 太脏或损坏。 → CD 是否让贴标签面朝上地装放。（第 11 页） → 发生湿气冷凝。 放置 CD 唱机数小时，等水分蒸发干。 → 关紧电池室盖。（第 25 页） → 确认电池是否安装正确。（第 25 页） → 把 AC 电源转接器接稳到 AC 电源插孔。（第 11 页） → 从连接了 AC 电源转接器之后，经过一秒或一秒以上之后按 ►II。 → CD-R/RW 是空白的。 → CD-R/RW，记录装置，或所应用的软件的质量有问题。 → 两种或更多格式的文件已录制在同一张 CD-R/RW 上。（第 7 页）
当按一个按钮并且 CD 没有播放时，显示器上闪烁“ HOLD ”。	→ 按钮被锁定。请推回 HOLD。（第 23 页）

征候	原因和 / 或校正方法
从停止放音点开始播放。 (复位功能)	→ 复位功能起作用。如果是要从第一首曲子开始播放,请在停止时按 ▶ 至开始播放第一首曲子,或打开一下 CD 播放机的机盖。或断开所有电源,然后装入电池或再接上 AC 电源转接器。(第 11, 12, 25 页)
可听到 CD 的沙沙噪声。	→ 关紧电池室盖子。(第 25 页)
当和连接着的立体声系统一起使用时,发生声音失真或噪音。	→ 请调整一下 CD 播放机和连接着的装置的音量。(第 24 页)
播放 ATRAC CD 或 MP3 CD 当中,CD 并不旋转,但可听到正常的声音。	→ CD 唱机是设计成播放中,停止着 ATRAC CD 或 MP3 CD 的旋转以节省电力。因此,这是正常的现象,唱机并没有故障。
当按了 ▶ 或关上了 CD 唱机的盖子时,显示器中将显示“NO FILE”。	→ CD 中没有 ATRAC3plus/ATRAC3/MP3 文件。 → 使用了数据已被清除了的 CD-RW。 → CD 光盘脏了。
当关上 CD 唱机的盖子时,CD 开始旋转。	→ CD 唱机正在读取 CD 上的信息。唱机并没有故障。
液晶显示器变得看不清楚或减慢。	→ 在高(超过 40)或低(0 以下)气温中使用 CD 播放机。如果在正常室温条件下使用,显示器即可恢复正常的操作。
显示器中快速地闪烁着“  至显示器中的“  29-CS	

规格

系统

激光盘数字音频系统

激光二极管性质

材料：GaAlAs

波长： $\lambda=780\text{ nm}$

发射持久性：连续

激光输出：小于 $44.6\ \mu\text{W}$

(本输出值是在距离 7 mm 光圈的光学拾音元件的物镜镜面 200 mm 处测得。)

D-A (数模) 转换

1 比特石英时轴控制

频率响应

$20 \sim 20\ 000\ \text{Hz} \pm 1\ \text{dB}$ (由 JEITA CP-307 测得)

输出 (4.5 V 输入电平时)

耳机 (立体声小型插孔)

大约 5 mW+ 大约 5 mW, $16\ \Omega$

电源

您购入型号的区域码, 请查看包装上的条形码的左上角。

- 两 LR6 (AA) 电池：1.5 V DC \times 2
- AC电源转接器 (DC IN 4.5 V 插孔)：
U, U2, CA, CA2, E92, MX2, TW2
和 CA2/C 型号：120 V, 60 Hz
CED, CED/4, CE7, CE7/C, EE,
EE1, E, E13 和 E13/2 型号：220 ~
230 V, 50/60 Hz
CEK 型号：230 V, 50 Hz
AU2 型号：240 V, 50 Hz
EU8, EU8/C, JE.W, E18, KR4 和
EE8 型号：100 ~ 240 V, 50/60 Hz
HK4 型号：230 V, 50 Hz
CNA 型号：220 V, 50 Hz

电池寿命*1 (大约时数)

(在平稳表面使用 CD 唱机时。)

放音时间因 CD 唱机的使用状况而异。

当使用两节 Sony 碱性电池 LR6 (SG) (日本产) 时

	G-PROTECTION 设定	
	"1"	"2"
声频 CD	50	45
ATRAC3plus 文件*2	80	80
MP3 文件*3	75	75

*1 JEITA (Japan Electronics and Information Technology Industries Association) (日本电子和信息技术产业协会) 的标准测值。

*2 当按 48 kbps 或 64 kbps 录音时

*3 当按 128 kbps 录音时

操作温度

5 ~ 35

尺寸 (宽 / 高 / 纵深) (不含突起部分和控制器)

大约 136.0 \times 26.3 \times 156.3 mm

重量 (不含附件)

大约 202 g

美国及其他国专利许可由 Dolby Laboratories 授予。

设计和规格有所变更时, 恕不另行奉告。

选购的附件

AC 电源转接器	AC-E45HG
有源扬声器系统	SRS-Z1
汽车电池导线	DCC-E345
带汽车接线包的汽车电池导线	DCC-E34CP
汽车接线包	CPA-9C
耳机	MDR-E931LP MDR-EX71SL MDR-Q55SL

您购买产品的销售店，可能没卖部分上列附件。有关贵国内的以上附件的详细销售信息，请咨询销售店。

<http://www.sony.net/>

Sony Corporation



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