SONY®

3-267-071-**14**(1)

Portable IC Audio Player

Network Walkman

网络随身听

Operating Instructions GB

使用说明书 CS

在使用产品前，请仔细阅读本使用说明书

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WALKMAN is a trademark of Sony Corporation.

NW-E50/E70/E90

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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 news papers, table cloths, 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.

Note on installation

If you use the unit at a place subject to static or electrical noise, the track's transferring information may be corrupted. This would prevent successful transferring authorization on your computer.

企标编号 (NW-E50/E70):Q/YXPD123-2004
企标编号 (NW-E90):Q/YXPD164-2004

Notice for users

On the supplied software

- Copyright laws prohibit reproducing the software or the manual accompanying it in whole or in part, or renting the software without the permission of the copyright holder.
- In no event will SONY be liable for any financial damage, or loss of profits, including claims made by third parties, arising out of the use of the software supplied with this player.
- In the event a problem occurs with this software as a result of defective manufacturing, SONY will replace it.
  However, SONY bears no other responsibility.
- The software provided with this player cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- Operation of this player with software other than that provided is not covered by the warranty.
- Depending on the type of the text and characters, the text shown on SonicStage and MP3 File Manager may not be displayed properly on device. This is due to:
  – The capability of the connected player.
  – The player is not functioning normally.
  – The ID3 TAG information for the track is written in the language or the character that is not supported by the player.

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This manual explains how to operate your Network Walkman and how to use the MP3 file manager (pre-installed software). For details on how to use the SonicStage (supplied software), refer to the SonicStage operating instructions.

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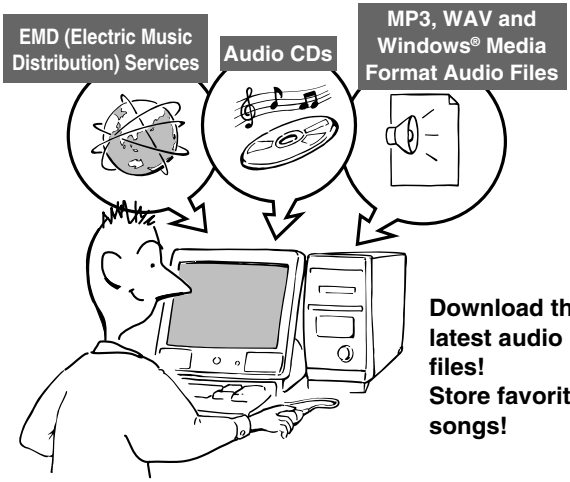
GB

Overview

What you can do with your Network Walkman

First, you need to install the "SonicStage" software into your computer (MP3 file manager software is pre-installed in your Network Walkman). You can easily transfer digital audio files from your computer to the built-in flash memory and carry it anywhere to enjoy.

1 Store digital audio files on your computer.



Download the latest audio files!
Store favorite songs!

2 Transfer files to your Network Walkman.

When you transfer MP3 format audio files to your Network Walkman, use MP3 file manager software (pre-installed software) to transfer and store them as MP3 format audio files.

USB connection

3 Enjoy music with your Network Walkman.

You can display the data stored in the built-in flash memory using Windows Explorer when your Network Walkman is connected to the computer. However, an MP3 format audio file cannot be played back if you drag or copy the file directly on the Windows Explorer screen. When you transfer an MP3 format audio file to your Network Walkman, be sure to use the MP3 file manager software (see page 37).

Other features

- Compact size, light weight, skip-proof operation, high portability.
- The pre-installed MP3 file manager software enables you to transfer MP3 format audio files to your Network Walkman and listen to them with your Network Walkman as MP3 format files.
- Continuous playback time with a battery
  NW-E50/NW-E70/NW-E90: Approximately 70*[1] hours
- Recording time*[2]
  NW-E50: 128MB built-in flash memory, more than 5 hours 50 minutes.
  NW-E70: 256MB built-in flash memory, more than 11 hours 40 minutes.
  NW-E90: 512MB built-in flash memory, more than 23 hours 20 minutes.
- The supplied SonicStage software enables you to record songs from audio CDs to the hard disk of your computer using the ATRAC3plus format (high sound quality, high compression).
- Sentence Repeat: Useful function for learning a foreign language.
- High-speed data transfer using the dedicated USB cable.
- Backlight LCD screen: song titles and artist names can be displayed.
- Group function: you can select songs to be played by album.
- Storage function: you can store a variety of data as well as audio files.

*[1] Differs according to the data format. In this case, the figure for the battery duration is when continuously playing ATRAC3 format audio files.

*[2] Differs according to the bit rate when recording. In this case, the figure for the recordable time is when recording at 48kbps ATRAC3plus format.

NOTES:

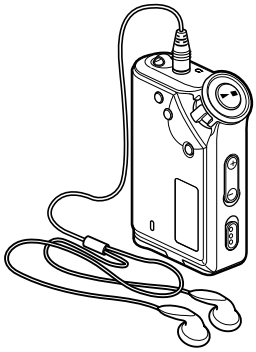
- The recorded music is limited to private use only. Use of the music beyond this limit requires permission of the copyright holders.
- Sony is not responsible for incomplete recording/downloading or damaged data due to problems of the Network Walkman or computer.

Step 1: Checking the package contents

Please check the accessories in the package.

NW-E50:

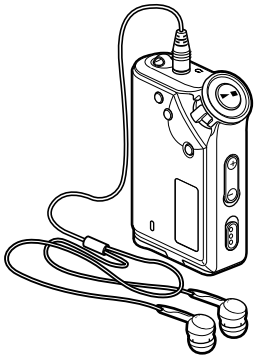
- Network Walkman (1)
- Headphones (1)



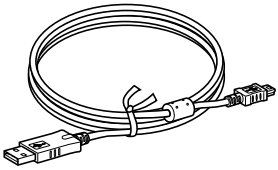
NW-E70:

NW-E90

- Network Walkman (1)
- Headphones (1)
- Earbuds (Size S, L) (1)



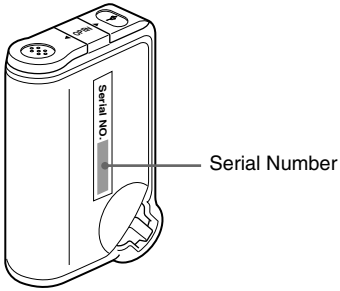
- Dedicated USB cable (1)



- Carrying pouch (1)
- Neck strap (1)
- Extension headphone cord (1)
- CD-ROM (1)
- Operating instructions (1)
- SonicStage operating instructions (1)

About the Serial Number

The serial number provided for your device is required for the customer registration. The number is on the rear side of your Network Walkman.



Record the serial number in the space provided below. Refer to it whenever you call upon your Sony dealer regarding this product.

Serial No. _____

For the customers of NW-E70/E90

Notes

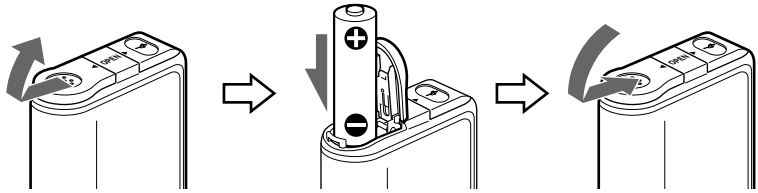
The supplied headphones are a close-up design to create Powerful Bass Sound. **Do not use headphones while driving.**

- Do not use headphones while driving, cycling, or operating any motorized vehicle.
- It can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

When you wear the headphones, you may hear noise, such as the cord rubbing against your clothes. This is not a malfunction.

Step 2: Inserting the battery

Insert the LR03 (size AAA) alkaline battery with correct polarity. Be sure to insert it from the ⊖ side as illustrated.

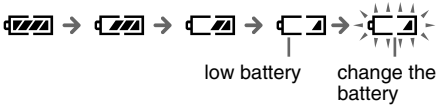


*Battery duration**

ATRAC3 format: Approximately 70 hours
ATRAC3plus format: Approximately 60 hours
MP3 format: Approximately 50 hours
* The battery life may be shorter due to operating conditions and the temperature of the location.

On the remaining battery indication

The battery icon in the display changes as shown below.

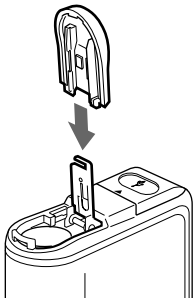


If "LOW BATT" is displayed in the display, you need to change the battery.

Notes

If you do not use the battery correctly, it may become damaged from leakage and corrosion. For best results:
– Use the alkaline battery.
– Make sure the polarity is correct.
– Do not charge a dry cell battery.
– Remove the battery, if you do not intend to use the player for an extended period of time.
– If you have battery leakage, replace with a new battery after cleaning the battery compartment.

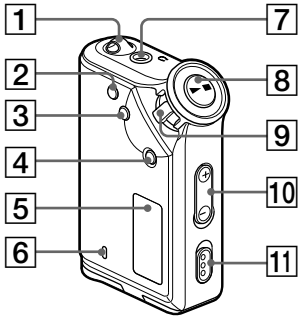
If the battery compartment lid is accidentally detached, attach it as illustrated.



Locating controls

For details about each part, refer to the pages in parentheses.

Front side



1 Strap hole for attaching the strap

2 REPEAT/SOUND button (page 15 to 16, 19)

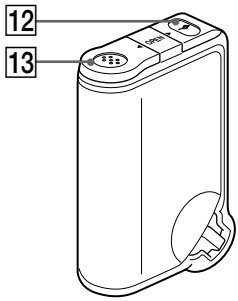
3 MENU button (page 14, 17 to 20, 22 to 28)
You can switch to the Time display by pressing the MENU button for a while.

4 GROUP button (page 13, 18)

5 Display (page 9, 15, 33)
For details on the display and icons, refer to page 9.

6 ACCESS lamp (page 10, 38)

Rear side



7 Headphone jack (page 12)

8 ►■ button (page 12 to 20, 22 to 28)

9 Shuttle switch (page 13 to 20, 22 to 28)

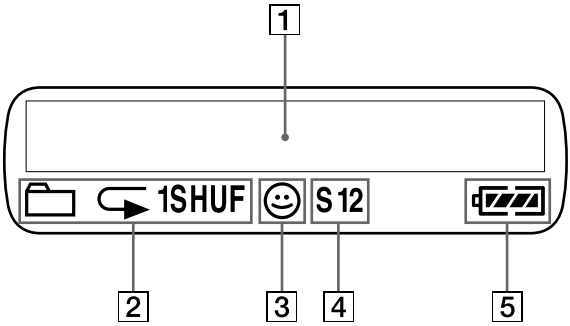
10 VOLUME +/– button (page 12, 24)

11 HOLD (Locking controls) switch (page 12, 20)

12 USB jack (page 10, 37)

13 Battery compartment (page 7)

Display



1 Text/graphic information display (page 14)
Displays track number, track name, current date and time (page 17 to 23), MESSAGE (page 11, 33) and menu.
Press the MENU button to switch the display mode. For details, refer to “Changing the display mode” on page 17.

2 Repeat mode indication (page 14)
The current repeat mode is displayed.

3 AVLS indication (page 24)
The indication appears while the AVLS function is activated.

4 Digital sound preset indication (page 19 to 20)
The current sound setting is displayed.

5 Remaining battery indication (page 7)
The remaining battery power is displayed.

Transferring audio files from the computer to your Network Walkman

Note

Before connecting your Network Walkman to the computer for the first time, be sure to install the "SonicStage" software from the supplied CD-ROM in your computer. Even if the SonicStage software is already installed, you need to install the SonicStage software supplied with this Network Walkman before connecting your Network Walkman to the computer (update programs may be available).

You can transfer ATRAC3, ATRAC3plus format audio files from the computer to your Network Walkman using the installed SonicStage software. Follow the procedure below.

You can also transfer MP3 format audio files, using the MP3 file manager that is pre-installed in your Network Walkman. For details, refer to "MP3 file manager software operation" on page 37.

1 Install the SonicStage software in your computer using the supplied CD-ROM.

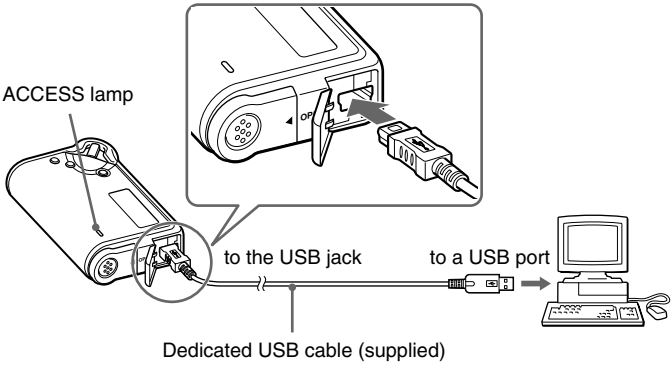
Follow step 1 only for the first time when you connect your Network Walkman to the computer.
For details, refer to the SonicStage operating instructions.

2 Import audio files into the SonicStage software.

For details, refer to the manual "SonicStage operating instructions."

3 Connect your Network Walkman to your computer.

Connect the small connector of the dedicated USB cable into the USB jack on the Network Walkman, then the large connector to a USB port on your computer.
"CONNECT" appears in the display.



Notes

- The ACCESS lamp blinks while your Network Walkman accesses the computer.
- Do not disconnect the USB cable when the ACCESS lamp is blinking. The data being transferred may be destroyed.
- Use of your Network Walkman with a USB hub or a USB extension cable is not guaranteed. Always connect your Network Walkman to the computer directly using the dedicated USB cable.
- Some USB devices connected to the computer may interfere with the proper operation of your Network Walkman.
- The control buttons on your Network Walkman are all disabled while it is connected to a computer.
- You can display the data stored in the built-in flash memory using Windows Explorer when your Network Walkman is connected to the computer.

4 Transfer audio files to your Network Walkman.

For information on transferring audio files to the built-in flash memory, refer to the separate manual "SonicStage operating instructions."

Tip

For information on transferring audio files back to the computer, refer to the manual "SonicStage operating instructions" or online Help for the SonicStage software.

Note on playing songs with a limited playing period (Timeout contents)

Some songs distributed via the Internet (EMD service) have a limited playing period.

If you try to play an expired song, "EXPIRED" blinks and the next song will be played after a moment.

In addition, an expired song cannot be played using the SonicStage software, or transferred to your Network Walkman. Delete any songs as needed.

Note on playing songs with a limited playing count

Your Network Walkman does not support contents with a limited playing count.

When you try to play a song with a limited playing count, "EXPIRED" will be displayed and the song will not be played.

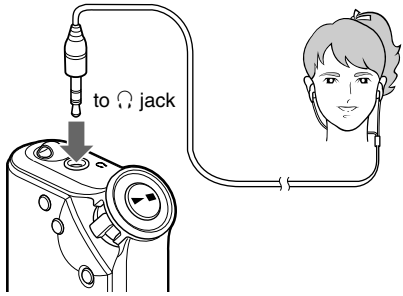
Listening to music with your Network Walkman

Please insert the battery before use (see page 7).

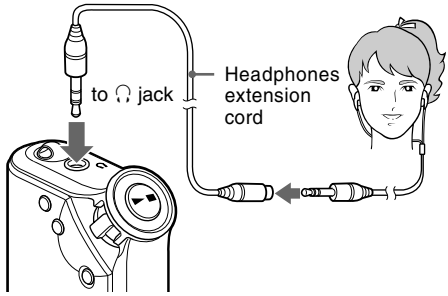
Note

When using Network Walkman, be sure do disconnect it from the computer.

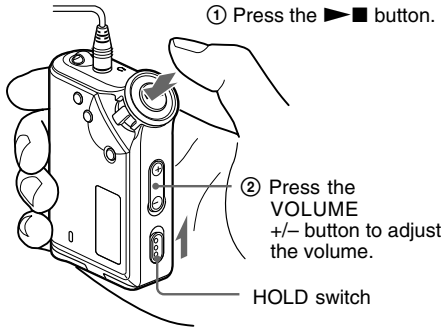
1 Connect the headphones.



To use the headphones extension cord



2 Start playback.



Tip

If your Network Walkman is not operated for 10 seconds while in stop mode, the display automatically turns off. When scrolling track titles, etc., the display turns off after scrolling is finished.

When the normal playback mode is selected, playback stops automatically after the last song is played.

If playback does not start

Make sure that the HOLD switch is set to off (page 20).

To stop playback

Press the ►■ button.

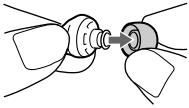
To adjust the volume

The volume can be set in the PRESET and MANUAL mode (page 24 to 25).

How to install the earbuds correctly

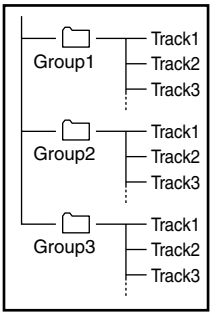
For the customers of NW-E70/E90

If the earbuds do not fit your ears correctly, low bass sound may not be heard. To enjoy better sound quality, adjust the earbuds position to sit on your ears comfortably or push them into the inside of your ears so that they fit your ears snugly. At purchase, M size earbuds are installed. If the earbuds do not fit your ears, try one of the other supplied sizes S or L.

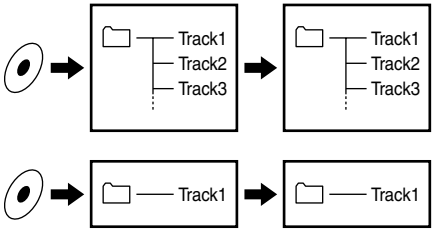


What is the Group function?

The Group function enables you to select favorite music conveniently on your Network Walkman. You can transfer to audio files or play songs by album or artist using the Group function.



- The track number is the order of songs in each group.
- You can switch between Track Name mode and Group mode by pressing the GROUP button.
- In the Group mode, group names are displayed instead of track names. In addition, any shift operations, such as Skip or Repeat, are performed by group.



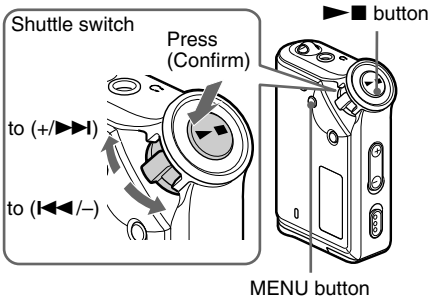
Transferring by group

The audio files transferred to the SonicStage software are always grouped when transferred to the built-in flash memory.

Tip

A group created by SonicStage software has priority over one created by MP3 file manager software on your Network Walkman.

On other operations



Tip

You can switch to the Group mode by pressing the Group mode button.

To	Shuttle switch operation
Skip to the beginning of the next track/ group*1	Rotate the Shuttle switch clockwise once (+/▶▶I).
Skip to the beginning of the current track/ group*1	Rotate the Shuttle switch counterclockwise once (I◀◀/–).
Fast-forward*2	Rotate the Shuttle switch clockwise (+/▶▶I) and hold it.
Fast-rewind*2	Rotate the Shuttle switch counterclockwise (I◀◀/–) and hold it.

*1 Rotating and holding of the Shuttle switch during stop mode allows you to skip to the beginning of the next (current and previous) track/group continuously.

*2 Fast-forward and fast-rewind speed become faster if the operation is continued for five seconds.

Repeat mode

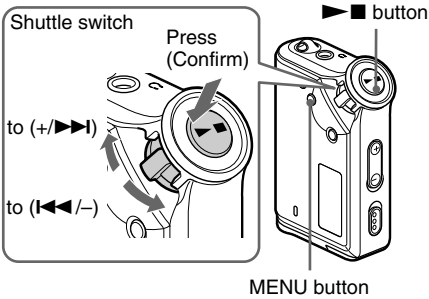
There are three types of repeat mode: Track Repeat, A-B Repeat and Sentence Repeat.

- **Track Repeat (TRK Rep)**
  This mode plays back tracks repeatedly in the following five ways.

Track Repeat mode	Operation
All Repeat	All tracks repeatedly
Single Repeat	Current track repeatedly
Group Repeat	Current group repeatedly
Group Shuffle Repeat	Current group repeatedly in random order
All Groups Shuffle Repeat	All groups repeatedly in random order

- **A-B Repeat (A-B Rep)**
  This mode plays back the specified section in a track repeatedly.
- **Sentence Repeat (SENTENCE Rep)**
  This mode plays back voice data within a specified section in a track repeatedly.

Selecting the repeat mode



1 Press the MENU button in stop mode.
The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "REPEAT MODE >" and press the ►■ button to confirm.

3 Rotate the Shuttle switch to select a desired repeat mode and press the ►■ button to confirm.

TRKRep

You can choose one mode among "TRK Rep," "A-B Rep" and "SENTENCE Rep."

4 Press the MENU button.
The display returns to the normal screen.
You can operate each repeat mode you selected, as refer to the below.
- TRK Rep: see "Playing the tracks repeatedly (Track Repeat)."
- A-B Rep: see "Playing a specified section repeatedly (A-B Repeat)."
- SENTENCE Rep: see "Playing specified sentences repeatedly (Sentence Repeat)."

To cancel the Menu mode

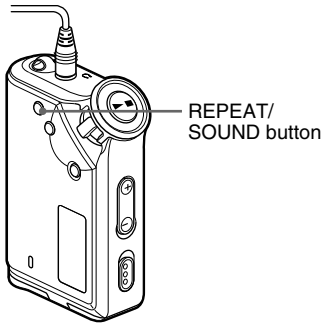
Select [RETURN] in the menu screen or press the MENU button.

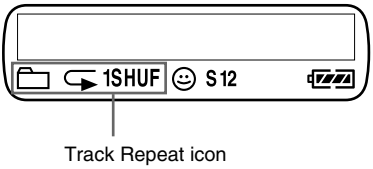
Notes

- The display automatically returns to the normal playback screen if you do not operate any button for 60 seconds.
- When there is no audio files in the built-in flash memory, you cannot set any repeat mode.
- When you connect the Network Walkman to your computer, the selected desired mode will be cancelled.
- You can select repeat mode only in stop mode.

Playing the tracks repeatedly (Track Repeat)

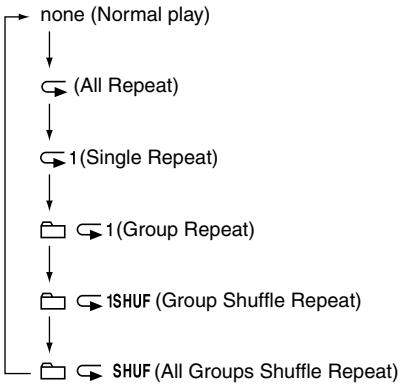
The Track Repeat mode is changed by pressing the REPEAT/SOUND button. You can check the current Track Repeat mode with the icon of the display.





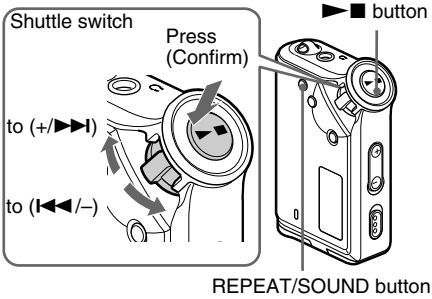
Select the Track Repeat mode (TRK Rep) first (page 14).
Then, press the REPEAT/SOUND button repeatedly to select the repeat mode you want.

Each press changes the Track Repeat icon as follows:



Playing a specified section repeatedly (A-B Repeat)

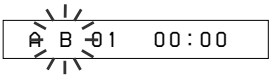
While playing a track, you can set the start point (A) and end point (B) for a section you wish to play repeatedly.



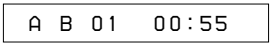
1 Select the A-B Repeat mode (A-B Rep) (page 14).

2 Press the ▶■ button to start playback.

3 Press the REPEAT/SOUND button to set the start point (A) while playing back.
"B" blinks.



4 Press the REPEAT/SOUND button to set the end point (B).
"A B" is displayed and the specified section is played back repeatedly.



Notes

- You cannot set A-B Repeat for a section that overlaps two or more tracks.
- If you do not set the end point (B), the end point is automatically set at the end of the track.
- You cannot use A-B Repeat in the Group mode or when the current time is displayed.

continued

Repeat mode (continued)

Tips

- You can fast-forward or fast-rewind by rotating the Shuttle switch, after the start point (A) is set. If the track reaches the end while fast-forwarding, the end point is set as point (B) and fast-forwarding continues. A-B Repeat starts when you release the Shuttle switch. If the track reaches the beginning while fast-rewinding, it jumps to the end of the track, the end point is set as point (B), and fast-rewinding continues.
- You can fast-forward or fast-rewind by rotating the Shuttle switch, during A-B Repeat playback. If the track reaches the track start/end while fast-forwarding or fast-rewinding, playback is stopped (enters Standby). A-B Repeat restarts when you release the Shuttle switch.

To clear the start point (A) and end point (B)

- Press the REPEAT/SOUND button during A-B Repeat playback.
- Press the MENU button during A-B Repeat playback.
- Select the Group mode by pressing the GROUP button during A-B Repeat playback.
- Select the previous or next track by rotating the Shuttle switch during A-B Repeat playback.

(The A-B Repeat mode is not canceled.)

To cancel the A-B Repeat mode

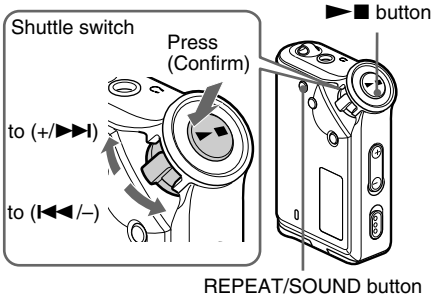
Change the Repeat mode in the menu screen (page 14).

Playing specified sentences repeatedly (Sentence Repeat)

This function automatically detects only voice data from the setting point and repeats the voice data for setting counts. It is useful for learning a foreign language.

Tip

The default repeat counts setting is 2 times for one sentence. But you can change the repeat counts setting. Refer to “Setting the repeat counts” on page 17.



1 Select the Sentence Repeat mode (SENTENCE Rep) (page 14).

2 Press the ▶■ button to start playback.

3 Press the REPEAT/SOUND button to place the setting point during playback.
The Network Walkman detects spoken sections and non-spoken sections from the set point, and Sentence Repeat starts. (The spoken section is repeated once (during detection), and the setting is counted.)

01 00:12

Notes

- You cannot use Sentence Repeat in the Group mode, or when the current time is displayed.
- A spoken or non-spoken section of less than 1 second will not be detected.
- If a non-spoken section is not detected until the track end, the track end point is recognized as a non-spoken section and Sentence Repeat begins from the previous spoken section.

To clear the setting point

- Press the REPEAT/SOUND button during Sentence Repeat playback.
- Press the MENU button during Sentence Repeat playback.
- Select the Group mode by pressing the GROUP button during Sentence Repeat playback.
- Select the previous or next track by rotating the Shuttle switch during Sentence Repeat playback.

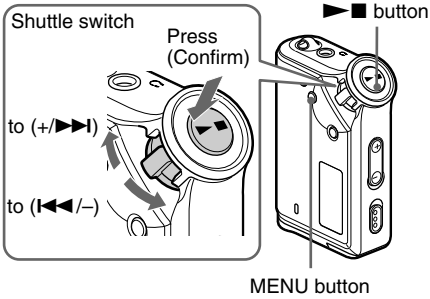
(The Sentence Repeat mode is not canceled.)

To cancel the Sentence Repeat mode

Change the Repeat mode in the menu screen (page 14).

Setting the repeat counts

You can set the repeat counts (1-9) of one sentence for the Sentence Repeat mode.



1 Press the MENU button.
The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "REPEAT MODE >" and press the ▶■ button to confirm.

3 Rotate the Shuttle switch to select "SENTENCE Rep" and press the ▶■ button to confirm.
"COUNT:" is displayed on the screen.

COUNT: 2

4 Rotate the Shuttle switch to select a desired repeat counts and press the ▶■ button to confirm.

5 Press the MENU button.
The display returns to the normal screen.

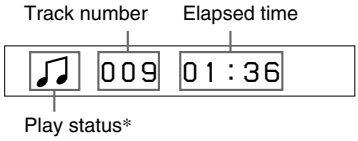
To cancel the Menu mode

Select [RETURN] in the menu screen or press the MENU button.

Changing the display mode

You can view information such as track numbers or titles in the display while music is played or stopped. Change the display mode by operating the Shuttle switch in the Menu mode.

- Lap Time: Elapsed time display mode
  The following will be displayed after a music title and artist name are displayed.



* Play: Displays ♫ and ♫ alternately.
Stop: Displays ♫.
Search track: Displays ▶▶I or I◀◀.
Fast-forward/Fast-rewind: Displays ▶▶ or ◀◀.

- Title: Title display mode
  When the music title includes more than 12 characters, the title will be automatically scrolled.

♫ Title/Artis

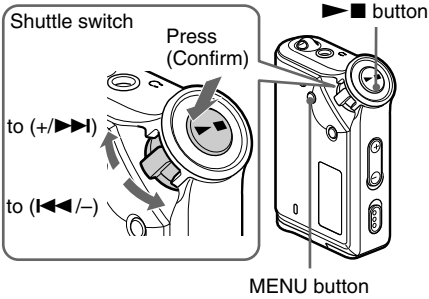
- Track info: Track information display mode
  The track title, CODEC, and bit rate are displayed. When the information includes more than 12 characters, the information will be automatically scrolled.

♫ Title/Codec/

While searching, fast-forwarding, or fast-rewinding a track, the current playing position is displayed.

continued

Changing the display mode (continued)



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "DISPLAY >" and press the ►■ button to confirm.

The selected display mode blinks.

LapTime –

3 Rotate the Shuttle switch to select a desired display mode and press the ►■ button to confirm.

The display switches to the selected display mode.

DISPLAY>

4 Press the MENU button.

The display returns to the normal screen.

To cancel the menu mode

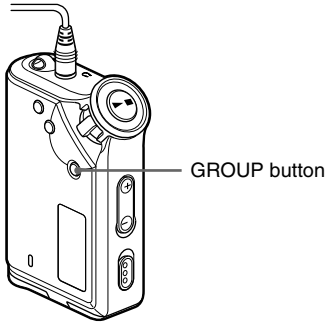
Select [RETURN] in the menu screen or press the MENU button.

Note

The display automatically returns to the normal playback screen if you do not press any buttons for 60 seconds.

Selecting the group display mode

For any menu mode, you can select the group display by pressing the GROUP button.



To cancel the group mode

Press the GROUP button in the group mode screen.

Note

The display automatically returns to the normal playback screen if you do not operate any button for 30 seconds.

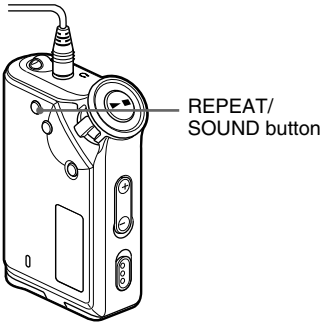
Adjusting treble and bass (Digital sound preset)

You can adjust the treble and bass. You can preset two settings, which can be selected during playback.

Selecting the Sound quality

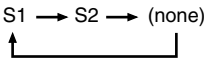
Default settings

Sound quality	SOUND 1 (S1)	SOUND 2 (S2)	SOUND OFF (NORMAL SOUND)
Bass	+1	+3	±0
Treble	±0	±0	±0



Press and hold the REPEAT/SOUND button for half a second.

The Sound quality setting is changed as follows:



To return to the normal Sound quality

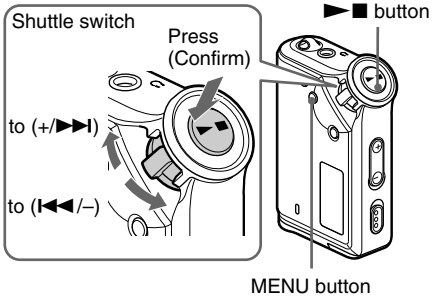
Select "SOUND OFF."

Adjusting the sound quality

You can adjust the sound quality of bass and treble parts.

Sound quality	Emphasis level
Bass	-4 to +3
Treble	-4 to +3

You can preset desired sound quality settings as "Sound 1" and "Sound 2." While playing music, you can assign a preset sound quality to music.



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "SOUND >" and press the ►■ button to confirm.

SOUND: 2>

continued

Adjusting treble and bass (Digital sound preset) (continued)

3 Set the tone for "SOUND 1."

① Rotate the Shuttle switch to select "SOUND 1 >" and press the ►■ button to confirm.

② "BASS:+1" appears, rotate the Shuttle switch to adjust the emphasis level of bass sound and press the ►■ button to confirm.

③ "TREBLE: 0" appears, rotate the Shuttle switch to adjust the emphasis level of treble sound and press the ►■ button to confirm.

4 Press the MENU button

The display returns to the normal screen.

To adjust the "SOUND 2" setting

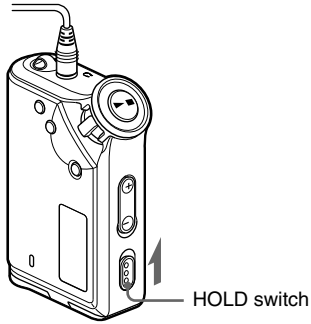
Select "SOUND 2" in step 3.

To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

Locking the controls (HOLD)

You can protect your Network Walkman against accidental operation by using the HOLD function when carrying it.



Slide the HOLD switch in the direction of the arrow.

All operation buttons are disabled.

If you press buttons while the HOLD switch is on, "HOLD" blinks in the display.

To release the HOLD function

Slide the HOLD switch in the opposite direction of the arrow.

Storing non-audio data

You can transfer data from the hard disk of your computer to the built-in flash memory using Windows Explorer.

The built-in flash memory is displayed in Windows Explorer as an external drive (for example: as the D drive).

Notes

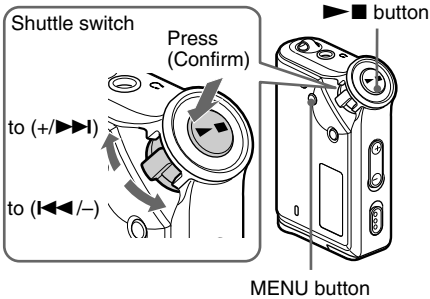
- You cannot operate the SonicStage software while operating the data storage function of your Network Walkman to use files stored in the built-in flash memory. The error message “Cannot access the Device/media.” will be displayed when you try to operate both of them simultaneously.
- If you store a lot of non-audio data into the built-in flash memory, the space for audio data is reduced by the same amount.

Adjusting the time setting of your Network Walkman to a computer's built-in clock

If the function is set to "ON," the time setting of your Network Walkman is automatically adjusted to the computer's built-in clock when your Network Walkman is connected and audio file transferring is executed (the SonicStage software must be started). "ON" is selected by default.

You cannot play a song with a limited playing period without the time setting of your Network Walkman. Be sure to adjust the time setting.

To set the date and time on your Network Walkman, refer to "Adjusting the current time setting (DATE-TIME)" on page 23.



Changing the setting to "OFF"

The time setting of your Network Walkman does not change even when your Network Walkman is connected to a computer.

1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "PC CLK:" and press the ►■ button to confirm.

PC CLK:ON

3 Rotate the Shuttle switch to select "OFF" and press the ►■ button to confirm.

4 Press the MENU button

The display returns to the normal screen.

To change the setting to "ON"

Select "ON" in step 3.

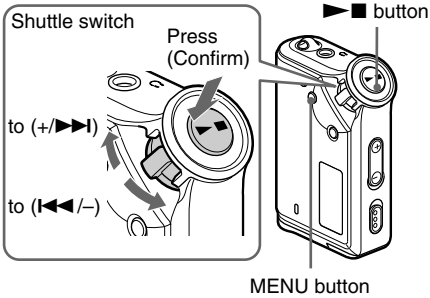
To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

Adjusting the current time setting (DATE-TIME)

You can set and display the current time.

You can also adjust the time setting of your Network Walkman to a computer's built-in clock by connecting your Network Walkman to the computer (page 22).



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "DATE-TIME" and press the ►■ button to confirm.

The "year" digit blinks.

2004y 1m 1d

3 Rotate the Shuttle switch to adjust the "year" setting and press the ►■ button to confirm.

The "month" digit blinks.

2004y 1m 1d

4 As you did in step 3, adjust the settings for "month" and "date."

After rotating the Shuttle switch to adjust the "date" setting and pressing the ►■ button to confirm, the display switches to the time setting screen.

0:00

5 Rotate the Shuttle switch to adjust the "hour" setting and press the ►■ button to confirm.

The "minute" digit blinks.

0:00

6 As you did in step 5, adjust the settings for "minute."

After rotating the Shuttle switch to adjust the "minute" setting and pressing the ►■ button to confirm, the display switches to the time setting screen.

DATE-TIME

7 Press the MENU button.

The display returns to the normal screen.

To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

To display the current time

Press the MENU button and hold it.

You can display the current time while pressing the button.

Notes

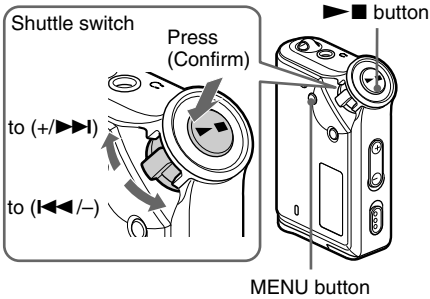
- If the unit is not used for a long time, your settings of the date and time may be reset.
- If the current time is not set, the display for the date and time will be "-- --."
- If PC CLK is set to "ON" (page 22), the time setting of your Network Walkman is automatically adjusted to a computer's built-in clock when your Network Walkman is connected to the computer.
- Depending on the shipping area, the time display format of the unit is set to a 12-hour display or a 24-hour display.

  You cannot switch between a 12-hour display and a 24-hour display in the unit.

  A 24-hour display is shown in this manual.

Limiting the volume (AVLS)

You can set AVLS (Automatic Volume Limiter System) to limit the maximum volume to prevent auditory disturbance or distraction. With AVLS, you can listen to music at a comfortable volume level.



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "AVLS" and press the ►■ button to confirm.

"OFF" blinks.

AVLS :OFF

3 Rotate the Shuttle switch to select "ON" and press the ►■ button to confirm.

The ☺ (AVLS) indication is displayed. The volume is kept at a moderate level.

4 Press the MENU button.

To change the setting to "OFF"

Select "OFF" in step 3.

To cancel the menu mode

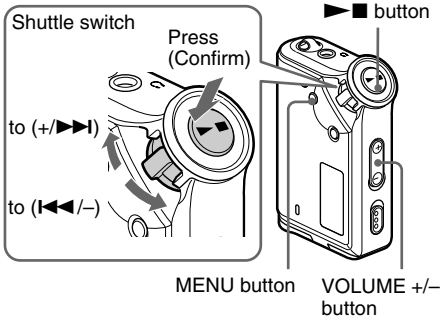
Select [RETURN] in the menu screen, or press the MENU button.

Setting the volume using the preset volume function

There are two modes to adjust the volume level.

Manual mode: Press the VOLUME +/– button to adjust the volume level in the range of 0 to 31.

Preset mode: Press the VOLUME +/– button to set the volume level to any of three preset levels: LO, MID, or HI.



Setting a volume level of the preset mode

1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "VOL: MAN."

VOL :MAN

3 Press the ►■ button to confirm.

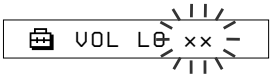
"MAN" blinks.

4 Rotate the Shuttle switch to select "SET >."

5 Press the ►■ button to confirm.

"VOL LO xx"* blinks.

* "xx" stands for numeric values of the volume level.



6 Set volume levels of three preset levels: LO, MID, or HI.

① Press the VOLUME +/– button to set the volume level of the LO preset.

② Rotate the Shuttle switch to select "VOL MID xx," and then press the VOLUME +/– button to set the volume level of the MID preset.

③ Rotate the Shuttle switch to select "VOL HI xx," and then press the VOLUME +/– button to set the volume level of the HI preset.

7 Press the ►■ button to confirm.

8 Press the MENU button.

The display returns to the normal screen.

With these settings, you can adjust the volume level to any of three preset levels: LO, MID, or HI.

To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

Note

If AVLS (page 24) is set, the actual volume may be lower than the settings.

Switching to the manual mode

1 Press the MENU button.

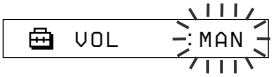
The menu screen is displayed.

2 Rotate the Shuttle switch to select "VOL: SET."

3 Press the ►■ button to confirm.

"SET >" blinks.

4 Rotate the Shuttle switch to select "MAN."



5 Press the ►■ button to confirm.

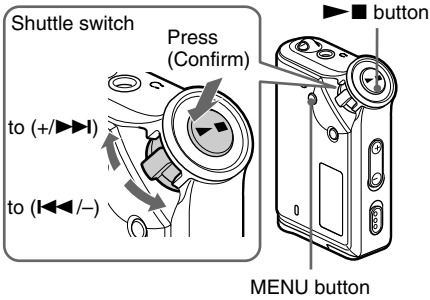
6 Press the MENU button.

The display returns to the normal screen.

With this setting, you can adjust the volume level by pressing the volume button.

Turning off the beep sound (BEEP)

You can turn off the beep sounds of your Network Walkman.



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "BEEP:" and press the ►■ button to confirm.

"ON" blinks.

BEEP:ON

3 Rotate the Shuttle switch to select "OFF" and press the ►■ button to confirm.

BEEP:OFF

4 Press the MENU button.

The display returns to the normal screen.

To change the setting to "ON"

Select "ON" in step 3.

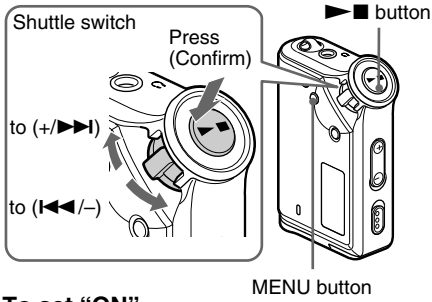
To cancel the menu mode

Select [RETURN] in the menu screen, or press the MENU button.

Changing the backlight setting

You can select ON or OFF.

Menu	Backlight mode
OFF	Always off
ON	Turns on for three seconds after each operation (or until scrolling is complete)



To set "ON"

1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "LIGHT:" and press the ►■ button to confirm.

"OFF" blinks.

LIGHT:OFF

3 Rotate the Shuttle switch to select "ON" and press the ►■ button to confirm.

LIGHT:ON

4 Press the MENU button.

The display returns to the normal screen.

To change the setting to "OFF"

Select "LIGHT: OFF" in step 3.

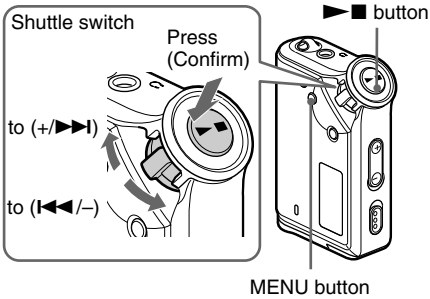
To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

Regrouping songs (REGROUP)

The songs group function may be disabled* when a song has been deleted from or added the built-in flash memory by operating the computer in which the SonicStage software is not installed (page 10). In such a case, you may enable the group function by regrouping audio file. When you need to edit audio file, make sure that you connect your Network Walkman to the computer and use the SonicStage software.

* The order of songs will not be changed even if the song group function is disabled.



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "REGROUP" and press the ►■ button to confirm.

REGROUP : N

You cannot regroup audio file while playing music.

3 Rotate the Shuttle switch to select "Y" and press the ►■ button to confirm.

"Really?" is displayed.

Really?

4 Press the ►■ button.

Regrouping starts and "REGROUPING" blinks. When regrouping audio file is complete, "COMPLETE" is displayed and the display returns to the indication in step 2.

5 Press the MENU button.

The display returns to the normal screen.

To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

Note

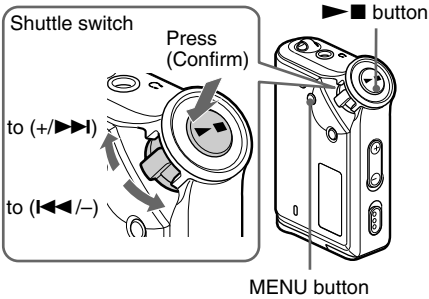
You cannot regroup songs while playing music. ("REGROUP" will not be displayed in the menu screen.)

Tip

In some cases, you may not be able to restore the former grouping. When you need to edit audio file, connect your Network Walkman to the computer and use the SonicStage software.

Formatting memory (FORMAT)

You can use your Network Walkman to format the built-in flash memory.
If memory is formatted, all data previously stored in the memory will be erased. Be sure to verify the data stored in the memory prior to formatting.



1 Press the MENU button.

The menu screen is displayed.

REPEAT MODE>

2 Rotate the Shuttle switch to select "FORMAT" and press the ►■ button to confirm.

FORMAT:N –

You cannot format memory while playing music.

3 Rotate the Shuttle switch to select "Y" and press the ►■ button to confirm.

"Really?" is displayed.

4 Press the ►■ button.

"FORMATTING" blinks and formatting starts.
When formatting is complete, "COMPLETE" is displayed and the display returns to the indication in step 2.

5 Press the MENU button.

The display returns to the normal screen.

To cancel the menu mode

Select [RETURN] in the menu screen or press the MENU button.

To cancel formatting

Select "N" in step 3.

Notes

- You cannot format memory while playing music. ("FORMAT" will not be displayed in the menu screen.)
- The MP3 file manager software and the MP3 audio files transferred with this software are erased as a result of formatting. When you restore the MP3 file manager software, download it from the Sony customer service website. For details, refer to "MP3 file manager software operation" on page 37.

Precautions

On installation

Never use your Network Walkman where it will be subjected to extremes of light, temperature, moisture or vibration.

On the headphones

Road Safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your Network Walkman at a 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 the headphones at a high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

Caring 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.

Warning

If there is lightning when you are using your Network Walkman, take off the headphones immediately.

On cleaning

- Clean your Network Walkman casing with a soft cloth slightly moistened with water or a mild detergent solution.
- Clean the headphone plug periodically.

Note

Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as it may mar the finish of the casing.

If you have any questions or problems concerning your Network Walkman, please consult your nearest Sony dealer.

Troubleshooting

If you experience any of the following difficulties while using your Network Walkman, use this troubleshooting guide to help you to remedy the problem prior to consult a Sony dealer. Should any problem persist, consult your nearest Sony dealer. For trouble concerning operations while connected to your computer, please refer to "Troubleshooting" in the online help of the supplied software in addition.

To reset the player

If your Network Walkman does not operate normally or if there is no sound, even after checking the troubleshooting guide below, remove the battery, then re-insert it.

What happened?

On operating

Symptom	Cause/Remedy
There is no sound. Noise is generated.	• The volume level is set to zero. → Turn the volume up (page 12). • The headphone jack is not connected properly. → Connect the headphone jack properly (page 12). • The headphone plug is dirty. → Clean the headphone plug with a soft dry cloth. • Songs with a limited playing period is played. → Songs with an expired playing period cannot be played. • No audio files are stored in the memory. → If "NO DATA" is displayed, transfer audio file(s) from the computer.
Buttons do not work.	• The HOLD switch is set to on. → Set the HOLD switch to off (page 20). • Your Network Walkman contains moisture condensation. → Keep your Network Walkman aside for a few hours. • The remaining battery power is insufficient. → Replace the battery (page 7).
The volume is not loud enough.	The AVLS is enabled. → Disable the AVLS (page 24).
There is no sound from the right channel of the headphones.	• The headphone jack is not fully connected. → Connect the headphone jack fully (page 12). • The extension headphone cord is not properly connected to the headphone jack of your Network Walkman or the headphone cord. → Connect them properly (page 12).
Playback has stopped suddenly.	The remaining battery power is insufficient. → Replace the battery (page 7).

On the display window

Symptom	Cause/Remedy
The backlight is not turned on.	LIGHT is set to "OFF." ➔ In the menu mode, set "LIGHT" to "ON" (page 26).
"□" is displayed for a title.	Characters that cannot be displayed on your Network Walkman are involved. ➔ Use the supplied SonicStage software to rename the title with appropriate characters.

On the connection with the computer or supplied software

Symptom	Cause/Remedy
The software cannot be installed.	An operating system not compatible with the software is used. ➔ For details, refer to the separate manual "SonicStage operating instructions."
"CONNECT" is not displayed when connecting to the computer with the dedicated USB cable.	• Please wait for the authentication of the SonicStage software. • Another application is running on the computer. ➔ Wait for a while and reconnect the USB cable. If the problem persists, disconnect the USB cable, restart the computer, and then reconnect the USB cable. • The dedicated USB cable is disconnected. ➔ Connect the dedicated USB cable. • A USB hub is used. ➔ Connecting via a USB hub is not guaranteed. Connect the dedicated USB cable directly to the computer.
Your Network Walkman is not recognized by the computer when it is connected to the computer.	The dedicate USB cable is disconnected. ➔ Connect the dedicated USB cable.
Song cannot be transferred to your Network Walkman.	• The dedicated USB cable is not connected properly. ➔ Connect the USB cable properly. • The free space of the built-in flash memory to where you want to transfer audio files to is insufficient. ➔ Transfer any unnecessary songs back to your computer to increase free space. • You have already transferred to 400 songs or 400 groups to the built-in flash memory using the SonicStage software. ➔ The maximum number of songs or groups that you can transfer to the built-in flash memory using the SonicStage software is 400. • You have already transferred to 40,000 songs or 400 groups to the built-in flash memory using the MP3 file manager software. ➔ The maximum number of songs and groups that you can transfer to the built-in flash memory using the MP3 file manager software is 40,000 and 400 respectively. (The maximum number of songs contained in one group is 100.) • Audio files with a limited playing period or playing count may not be transferred due to restrictions set by copyright holders. For details on the settings of each audio file, contact the distributor.

continued

Symptom	Cause/Remedy
The number of audio files that can be transferred to is limited. (Available recording time is short.)	• The free space of the built-in flash memory to where you want to transfer to is not enough for the size of audio files you wish to transfer. ➔ Transfer any unnecessary audio files back to the computer to increase free space. • Non-audio data is stored in the built-in flash memory to where you want to transfer audio files to. ➔ Move non-audio data to the computer to increase free space.
The operation of the Network Walkman becomes unstable while it is connected to the computer.	USB hub or USB extension cable is used. ➔ Connecting via a USB hub or USB extension is not guaranteed. Connect the dedicated USB cable directly to the computer.
"Failed to authenticate Device/Media" is displayed on the computer screen while connecting the Network Walkman to the computer.	Your Network Walkman is not connected to the computer properly. ➔ Quit the SonicStage software and verify the connection of the dedicated USB cable. Restart the SonicStage software.

Other

Symptom	Cause/Remedy
There is no beep sound when your Network Walkman is operated.	BEEP is set to "OFF." ➔ In the menu mode, set "BEEP" to "ON" (page 26).
Your Network Walkman gets warm.	Sometimes, during normal conditions, the player becomes slightly warm.

Messages

Follow the instructions below if an error message appears in the display.

Message	Meaning	Remedy
ACCESS	Accessing the built-in flash memory.	Please wait for access to complete. This message appears while transferring audio files and during initialization of the built-in flash memory.
AVLS	The volume level exceeds the rated value while the AVLS is enabled.	Turn the volume down or disable the AVLS.
CANNOT PLAY	• Your Network Walkman cannot play certain files because of incompatible formats. • Transferring has been interrupted forcefully.	If the file cannot be played, you can erase it from the built-in flash memory. For details, refer to "To delete abnormal data from the built-in flash memory" (page 33).
CONNECT	Your Network Walkman is connected to the computer.	You can operate your Network Walkman using the SonicStage or MP3 file manager software, but you cannot operate the controls on your Network Walkman.
ERROR	A malfunction is detected.	Please consult your nearest Sony dealer.
EXPIRED	• The song with a playback restriction has expired. • The current time has not been set to play the song with a playback restriction. • The song is protected by the playback restriction that is not compatible with your Network Walkman.	• If the current time has not been set yet, set the current time in the menu mode (page 23). • If song cannot be played, you can erase it from the built-in flash memory. For details, refer to "To delete abnormal data from the built-in flash memory (page 33). • Your Network Walkman does not support contents with a limited playing count. For details, refer to "Note on playing songs with a limited playing count" (page 11).
FILE ERROR	• The file cannot be read. • The file is not normal.	Transfer the normal audio file back to the computer and then format your Network Walkman. (For details, refer to "To delete abnormal data from the built-in flash memory" on page 33.)
HOLD	All operation buttons are disabled since the HOLD switch is set to on.	Set the HOLD switch to off to operate the buttons.
LOW BATT	The battery is low.	You must change the battery (page 7).
MEMORY FULL	The memory is full or there are 400 groups.	Delete songs or groups. A group without song is also regarded as one group. To delete groups without song, use the SonicStage software.
MG ERROR	An unauthorized distribution file is detected for copyright protection.	Transfer normal audio files back to the computer and then format the built-in flash memory of your Network Walkman. (For details, refer to "To delete abnormal data from the built-in flash memory" on page 33.)
NO AUDIO	There is no audio files in the built-in flash memory.	If there is no audio files in the built-in flash memory, use the SonicStage software to transfer audio files.

To delete abnormal data from the built-in flash memory

If "CANNOT PLAY," "EXPIRED," or "FILE ERROR" is displayed, there is a problem with all or part of the data stored in the built-in flash memory.

Please follow the procedures below to erase data you cannot play.

1. Connect your Network Walkman to the computer, and start the SonicStage software.
2. If you have already specified the data with problems (such as expired songs), erase the data from the Portable Player window of the SonicStage software.
3. If the problem persists, click the ← button on the SonicStage software to transfer all data without problems while your Network Walkman is connected to the computer.
4. Disconnect your Network Walkman from the computer and then format the built-in flash memory using the FORMAT menu (page 28).

Specifications

Maximum recording time (Approx.)

NW-E50

ATRAC3*	ATRAC3plus*
2 hr. 00 min. (132 kbps)	1 hr. 00 min. (256 kbps)
2 hr. 30 min. (105 kbps)	4 hr. 10 min. (64 kbps)
4 hr. 10 min. (66 kbps)	5 hr. 50 min. (48 kbps)

MP3
1 hr. 00 min. (256 kbps)
2 hr. 00 min. (128 kbps)

NW-E70

ATRAC3*	ATRAC3plus*
4 hr. 10 min. (132 kbps)	2 hr. 00 min. (256 kbps)
5 hr. 10 min. (105 kbps)	8 hr. 30 min. (64 kbps)
8 hr. 20 min. (66 kbps)	11 hr. 40 min. (48 kbps)

MP3
2 hr. 00 min. (256 kbps)
4 hr. 00 min. (128 kbps)

NW-E90

ATRAC3*	ATRAC3plus*
8 hr. 20 min. (132 kbps)	4 hr. 00 min. (256 kbps)
10 hr. 30 min. (105 kbps)	17 hr. 10 min. (64 kbps)
16 hr. 50 min. (66 kbps)	23 hr. 20 min. (48 kbps)

MP3
4 hr. 00 min. (256 kbps)
8 hr. 00 min. (128 kbps)

* The values for ATRAC3, ATRAC3plus apply if the MP3 file manager software has been erased from the built-in flash memory.

Sampling frequency

ATRAC3, ATRAC3plus, MP3: 44.1 kHz

Audio compression technology

Adaptive Transform Acoustic Coding3 (ATRAC3)
Adaptive Transform Acoustic Coding3plus (ATRAC3plus)
MPEG1 Audio Layer-3 (MP3): 8 to 320 kbps, variable bit rate-compliant

Frequency response

20 to 20,000 Hz (single signal measurement)

Output

Headphone: Stereo mini-jack

Signal-to-noise ratio (S/N)

80 dB or more (excluding ATRAC3 66 kbps)

Dynamic range

85 dB or more (excluding ATRAC3 66 kbps)

Operating temperature

5˚C to 35˚C (67˚F to 95˚F)

Power source

LR03 (Size AAA) alkaline battery

Battery life (continuous playback)

ATRAC3 format: Approximately 70 hours
ATRAC3plus format: Approximately 60 hours
MP3 format: Approximately 50 hours

Dimension

56 × 37.3 × 15 mm
(w/h/d, projecting parts not included)

Mass

Approx. 40 g (battery not included)

Supplied accessories

Headphones (1)
Dedicated USB cable (1)
Carrying pouch (1)
Neck strap (1)
Earbuds (Size S, L) (NW-E70/E90) (1)
Extension headphone cord (1)
CD-ROM (1)
Operating Instructions (1)
SonicStage operating instructions (1)

Design and specifications are subject to change without notice.

US and foreign patents licensed from Dolby Laboratories.

Glossary

MagicGate

Copyright protection technology that consists of authentication and encryption technology. Authentication ensures that protected content is transferred only between compliant devices and media, and that protected content is recorded and transferred in an encrypted format to prevent unauthorized copying or playback.

Note

MAGICGATE is terminology denoting the copyright protection system developed by Sony. It does not guarantee conversion among other media.

OpenMG

Copyright protection technology that securely manages music content from the EMD/Audio CD on a personal computer. Application software that is installed on the computer encrypts the digital music content when recording on the hard drive. This allows you to enjoy music content on the computer, but prevents unauthorized transmission of this content across a network (or elsewhere). This PC copyright protection complies with "MagicGate", and allows you to transfer digital music content from a PC's hard drive to a compliant device.

SonicStage

Copyright protection technology that securely manages music content from the EMD/Audio CD on a personal computer. Application software that is installed on the computer encrypts the digital music content when recording on the hard drive. This allows you to enjoy music content on the computer, but prevents unauthorized transmission of this content across a network (or elsewhere). This PC copyright protection complies with "MagicGate", and allows you to transfer digital music content from a computer's hard disk to a compliant device.

ATRAC3

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 compression rate is approximately 10 times higher than that of the Audio CD, resulting in an increased data capacity for the media.

ATRAC3plus

ATRAC3plus, which stands for Adaptive Transform Acoustic Coding3plus, is audio compression technology that compresses data higher than ATRAC3. The ATRAC3plus is new audio compression technology that enables equal or higher quality sound comparing to ATRAC3.

Bit rate

Indicates the data amount per second. The rate is reflected in bps (bit per second).

64 kbps means 64000 bits of information per second. If the bit rate is large, that means a large amount of information is used to play music. Comparing music of the same format (e,g., ATRAC3plus), 64 kbps data offers better sound quality than 48 kbps data. However, audio files in formats such as MP3 have different encoding methods, and thus sound quality cannot be determined by simply comparing the bit rate.

MP3

MP3, which stands for MPEG-1 Audio Layer-3, is a format standard for music file compression. It was codified by the Motion Picture Experts Group, a working group of ISO (International Organization for Standardization). It compresses audio CD data to approximately one tenth its original size. Because the MP3 encoding algorithm has been made publicly available, there are various encoders and decoders that are compliant with this standard.

Menu list

Press the MENU button to display the menu mode and use the Shuttle switch (rotate: select/press: confirm) to change the settings of your Network Walkman.

For details about each menu, refer to the pages in parentheses. The menu with a ">" mark will be followed by a detailed-setting screen when you press the Shuttle switch to confirm.

Display (Menu mode)	**Purposes**
REPEAT MODE >	You can select your favorite repeat mode. (page 14)
DISPLAY > (Display mode)	You can select your favorite display mode. (page 17)
VOL: (Preset volume)	You can preset your desired volume level. (page 24)
SOUND > (Digital sounds preset)	You can preset your desired sound quality. (page 19)
AVLS: (Automatic Volume Limiter System)	You can set to "ON" or "OFF." (page 24)
BEEP: (Operation sounds setting)	You can set to "ON" or "OFF." (page 26)
LIGHT: (LCD backlight setting)	"OFF": Always off "ON": Turns on for three seconds after each operation (page 26)
DATE-TIME (Current time setting)	You can set and display the current time. (page 23)
PC CLK: (Adjusting the time setting to a computer built-in clock)	You can adjust the time setting of your Network Walkman to a computer built-in clock. (page 22)

Display (Menu mode)	**Purposes**
FORMAT > (Formatting memory)	You can format the built-in flash memory. (page 28)
REGROUP > (Regrouping data)	You can restore the group function. (page 27)
[RETURN]	You can switch to the normal mode by selecting [RETURN] and pressing the ►■ button.

What you can do with the MP3 file manager

You can transfer MP3 audio files easily, using the MP3 file manager software, to your Network Walkman in the same format (MP3), unlike the SonicStage software, which converts MP3 audio files into ATRAC3 or ATRAC3plus format.

The MP3 file manager software is pre-installed on the Network Walkman at the factory; thereby no installation is necessary.

However, be sure to install the SonicStage software from the supplied CD-ROM in your computer before using the MP3 file manager software. The computer will not recognize your Network Walkman unless you install the SonicStage software (in the supplied CD-ROM) first. If you use a computer that is not installed with the SonicStage software, you need to install the driver file for your Network Walkman from the Sony customer service website (http://www.css.ap.sony.com/).

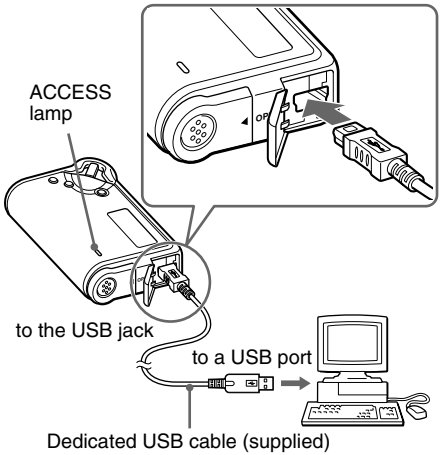
System requirements

- **OS**: Windows XP Professional
  Windows XP Home Edition
  Windows 2000 Professional
  (Simplified Chinese)
- **CPU**: Pentium II 400MHz or higher
- **RAM**: 64MB or more
- **HDD**: 5MB or more
- **Display**: 16bit color or higher,
  800 × 600 dots or better
- **USB port** (Supports USB (Previously called USB1.1))

Transferring MP3 audio files from the computer to your Network Walkman

1 Connect your Network Walkman to your computer.

Connect the small connector of the supplied dedicated USB cable into the USB jack on the Network Walkman, then the large connector to a USB port on your computer.
"CONNECT" appears in the display.



2 Click [My Computer]-[removable disk:]* on your computer.

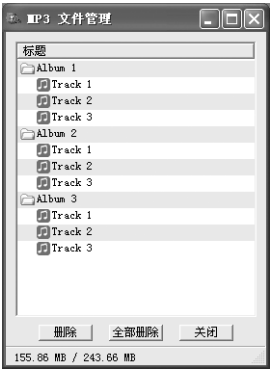
* [Memory Stick - MG] in the case of Windows XP Professional/ Windows XP Home Edition

3 Click [Esys] folder to open in the removable disk.

4 Double-click [MP3FileManager.exe] to start it.

continued

5 Drag the MP3 audio files you want to transfer to your Network Walkman and drop them to the MP3 File Manager screen.
You can also transfer MP3 format audio files to your Network Walkman by dragging a folder.



Notes

- Do not disconnect the USB cable or remove your Network Walkman when the MP3 File Manager software is running. If you do, operation is not guaranteed.
- The ACCESS lamp blinks while your Network Walkman accesses the computer.
- Do not disconnect the USB cable or remove your Network Walkman when the ACCESS lamp is blinking. The data being transferred may be destroyed.
- Install Service Pack 3 or later when you use Windows 2000.
- With the Network Walkman, priority is given to the display of ID3 Tag information. (ID3 Tag is the format that adds music title or artist name information, etc., to an MP3 file. The Network Walkman supports version 1.0/1.1/2.2/2.3/2.4.)
- Use of your Network Walkman with a USB hub or a USB extension cable is not guaranteed. Always connect your Network Walkman to the computer directly using the dedicated USB cable.
- Some USB devices connected to the computer may interfere with the proper operation of your Network Walkman.
- The control buttons on your Network Walkman are all disabled while it is connected to a computer.
- You can display the data stored in the built-in flash memory using Windows Explorer when your Network Walkman is connected to the computer.
- MP3 audio files compliant with the MP3 File Manager software are the one sampling frequency rate of 44.1 kHz, bit rate 8 – 320 kbps.

If the MP3 File Manager software is accidentally erased by formatting, etc., you can restore it from the supplied CD-ROM by following the procedure below:

1 Connect your Network Walkman to your computer with the USB cable.

2 Insert the supplied CD-ROM into your computer.

3 Open the CD-ROM, select the [MP3FileManager] folder and open it with Windows Explorer.

4 Select the folder ([English], [Korean], [Simplified Chinese]) suitable for your computer's OS and open it with Windows Explorer.

5 Double-click the installation file ([MP3FileManager_1.1_Update_ENU.exe], [MP3FileManager_1.1_Update_KOR.exe], [MP3FileManager_1.1_Update_CHN.exe]).
Installation starts.
Follow the instructions of the installation wizard.

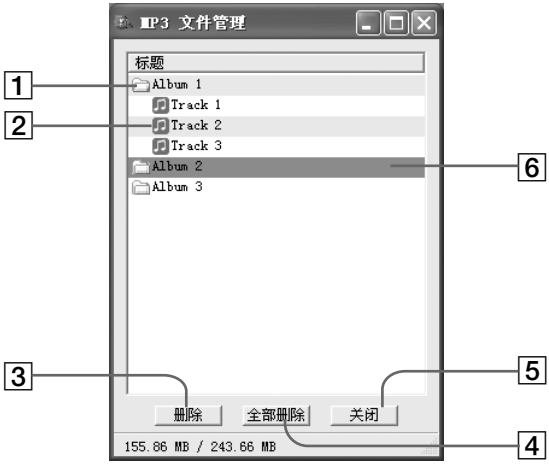
(You can also download the MP3 File Manager software from the Sony customer service website [http://www.css.ap.sony.com/].)

On language support

The ability to display the languages on your MP3 File Manager will depend on the installed OS on your PC. For better results, please ensure that the installed OS is compatible with the desired language you want to display.

– We do not guarantee all the languages will be able to be displayed properly on your MP3 File Manager
– User-created characters and some special characters may not be displayed.

Display of MP3 file manager



1 Album list
Double click this to show the included track list. Double click again to hide the track list.

2 Track list

3 [删除] (Erase)
Click this button to erase selected albums or tracks.

4 [全部删除] (All erase)
Click this button to erase all the albums or tracks.

5 [关闭] (Exit)
Clicks this button to finish the MP3 file manager.

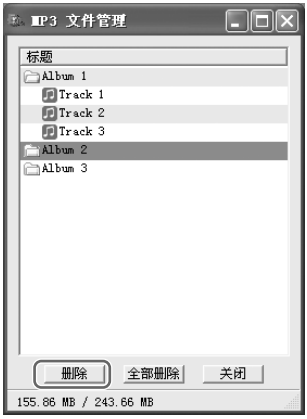
6 A selected line turns blue
You can select several albums or tracks simultaneously using the CTRL key or Shift key.

Note

Audio files transferred to the built-in flash memory using SonicStage software are not displayed on the MP3 file manager screen. In addition, audio files transferred to the built-in flash memory using MP3 file manager software are not displayed on the SonicStage software screen.

Erasing audio file

You can erase a song stored in the built-in flash memory by track or album using MP3 file manager.



1 Open the MP3 file manager.

2 Select the title you want to erase.

3 Click the 删除 (Erase) button in the screen.

Tip

You can select several albums or tracks simultaneously using CTRL key or Shift key. However, albums and tracks cannot be selected simultaneously.

Ordering audio file

You can move a song stored in the built-in flash memory by track or album using MP3 file manager.

1 Open the MP3 file manager.

2 Select the title you want to move.

3 Move it by drag and drop.

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警告

为防止火灾或电击危险，请勿将设备置于雨中或潮湿的地方。

请勿将本系统安放在书橱或壁橱等狭窄封闭处。

请勿使报纸、桌布、窗帘等物品挡住本设备的通风孔，以免造成火灾。另外，请勿将点燃的蜡烛放在本设备上。

请勿将盛满液体的物品（例如花瓶）放在本设备上，以免造成火灾或电击危险。

安装注意事项

如果将本装置放置在受静电或电气干扰的地方，则乐曲的传送信息可能会被破坏。这将阻止在电脑上成功传送。

用户注意事项

附赠的软件

- 版权法禁止全部或部分复制软件或手册，或未经版权所有人许可擅自租赁软件。
- SONY 在任何情形下对因使用随本播放器提供的软件所导致的财务损害、利润损失，包括第三方索赔均不承担任何责任。
- 若因软件制作缺陷导致问题出现，SONY 将予以更换。
  但 SONY 不承担任何其它责任。
- 随播放器提供的软件不能用于指定设备以外的装置。
- 请记住，由于我们不断努力提高品质，软件规格如有变更恕不另行通知。
- 使用随机提供的软件以外的其它软件操作本播放器，将不在质量担保之列。
- 由于不同文字和字符的限制，SonicStage 软件和 MP3 文件管理器显示的文字可能不能正确地显示在网络随身听产品上。这是因为：
  – 相连接的网络随身听的性能限制。
  – 网络随身听没有正常工作。
  – 网络随身听不能支持现有语言或字符所编写的 ID3 TAG 追踪信息。

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文件 ©2004 Sony 公司

本手册对如何操作 Network Walkman 和如何使用 MP3 文件管理器（预装软件）进行了说明。有关如何使用 SonicStage（附赠软件）的详情，请参阅 SonicStage 使用说明书。

OpenMG 及其标志是 Sony 公司的商标。
SonicStage 及其标志是 Sony 公司的商标。
ATRAC，ATRAC3，ATRAC3plus 及其图标是 Sony 公司的商标。
Microsoft，Windows 和 Windows Media 是微软公司在美国和/或其它国家的商标或注册商标。
所有其它商标和注册商标均分别属于相关所有人。
在本说明书中，所有商标都未标注 ™ 和 ®。

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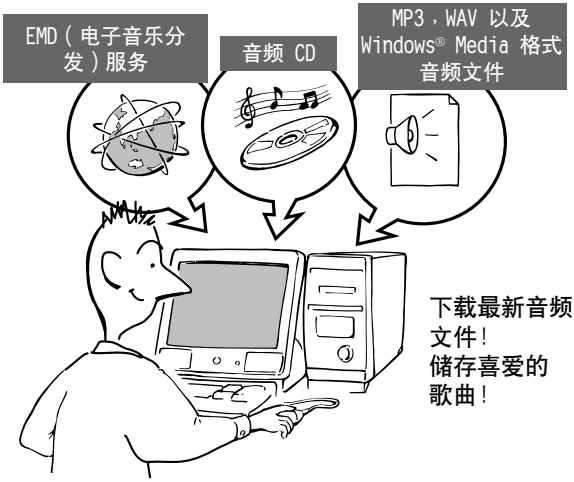
概述

Network Walkman 的用途

首先，您需将 “SonicStage” 软件安装到您的计算机上（在 Network Walkman 中已经预装了 MP3 文件管理器软件）。您可轻松地将数码音频文件从计算机传送至内置闪存并随处携带欣赏音乐。

1 将数码音频文件储存至您的计算机上。



2 将文件传送至您的 Network Walkman。

在将 MP3 格式音频文件传送到 Network Walkman 时，请使用 MP3 文件管理器软件（预装软件）来进行传送，并将其保存为 MP3 格式音频文件。

USB 连接

3 用 Network Walkman 欣赏音乐。

当您将 Network Walkman 连接到计算机时，您可以使用 Windows Explorer 显示保存在内置闪存中的数据。但是，如果在 Windows Explorer 屏幕中直接拖曳或复制 MP3 格式音频文件，则该文件将无法播放。当您将 MP3 格式音频文件传送到您的 Network Walkman 时，必须使用 MP3 文件管理器软件（参见第 37 页）。

其它特征

- 体积小，轻质，防跳操作，非常便于携带。
- 预装 MP3 文件管理器软件可以用来将 MP3 格式音频文件传送到 Network Walkman，并用 Network Walkman 将这些音频文件作为 MP3 格式文件收听。
- 用一节电池可持续播放
  NW-E50/NW-E70/NW-E90：约 70*[1] 小时
- 录制时间*[2]
  NW-E50：128MB 内置闪存，5 小时 50 分钟以上。
  NW-E70：256MB 内置闪存，11 小时 40 分钟以上。
  NW-E90：512MB 内置闪存，23 小时 20 分钟以上。
- 附赠的 SonicStage 软件使您可运用 ATRAC3plus 格式（高声音品质，高压缩）将歌曲从音频 CD 录至您的计算机硬盘上。
- 语音复读：学习外语非常有用。
- 使用专用的 USB 电缆高速传送数据。
- LCD 屏幕背景：可显示歌曲标题和艺术家名字。
- 组群功能：您可通过选集选择要播放的一组歌曲。
- 储存功能：您可储存各种数据及音频文件。

*[1] 视数据格式而有差异。上述情况中，电池持续的小时数是在连续播放 ATRAC3 格式音频文件时的数值。
*[2] 视录制时的比特而各不相同。此处，可录制时间是以 48kbps ATRAC3plus 格式录制时的时间。

注意事项：

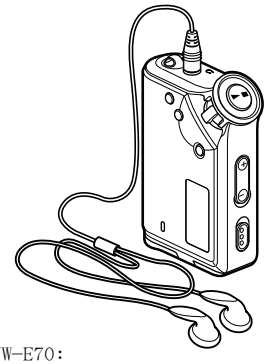
- 录制的音乐仅限个人使用。在此限制之外使用这些音乐需事先获得版权所有者的允许。
- 因 Network Walkman 或计算机出现问题而导致的录制/下载不全或数据损坏，Sony 不承担责任。

步骤 1：检查包装内容

请检查包装内的附件。

NW-E50：

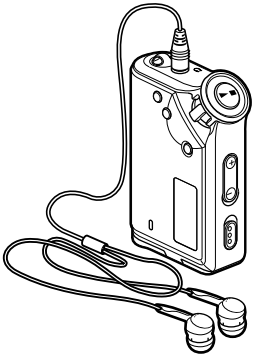
- Network Walkman（1）
- 耳机（1）



NW-E70：

NW-E90

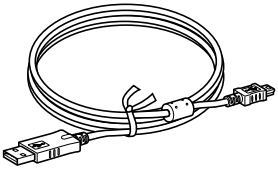
- Network Walkman（1）
- 耳机（1）
- 耳机套（尺寸 S，L）（1）



耳机套（尺寸 S）

耳机套（尺寸 L）

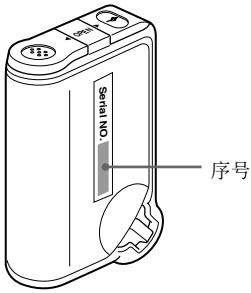
- 专用 USB 电缆（1）



- 便携袋（1）
- 颈带（1）
- 耳机延长线（1）
- CD-ROM（1）
- 使用说明书（1）
- SonicStage 使用说明书（1）

关于序号

提供的设备序号在客户注册时要求提供。该号码位于您 Network Walkman 的背面。



在以下提供的空格内填写序号。无论何时当您因本产品而联络 Sony 经销商时，请提供此号码。

序号 _____

对于 NW-E70/E90 用戶

注意事项

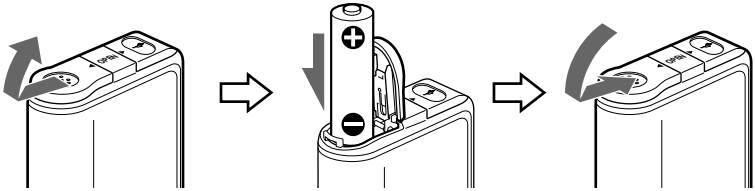
附赠的耳机是专门为产生超重低音而设计。**在驾驶时请勿使用耳机。**

- 在驾驶汽车、自行车，或任何机动车辆时，请勿使用耳机。
- 步行时，特别是穿越十字路口时，用耳机以高音量播放也可能会造成潜在危险。在会有潜在危险发生的情况时，您必须非常小心使用耳机或者不用耳机。

当您戴耳机时，您可能会听到如电线与您衣服摩擦的噪音。这不是故障。

步骤 2：插入电池

正确插入 LR03（尺寸 AAA）碱性电池。 如图所示，务必从 ⊖ 侧插入。



*电池使用时间**

ATRAC3 格式：约 70 小时
ATRAC3plus 格式：约 60 小时
MP3 格式：约 50 小时
* 由于使用情况和环境温度，电池寿命可能会缩短。

关于电池剩余电量指示

显示屏上的电池图标如下改变。

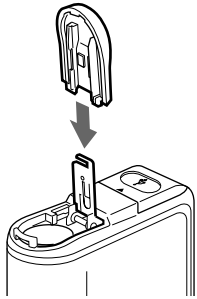
电量低　请更换电池

如果显示屏上出现“LOW BATT”，您需要更换电池。

注意事项

如果电池使用不正确，会因泄漏和腐蚀而损坏。为了达到最好效果，请：
– 使用碱性电池。
– 保证极性正确。
– 不要对干电池充电。
– 如果一段时间不使用您的播放机，请取出电池。
– 如果电池发生泄漏，请先清洁电池盒，然后再插入新电池。

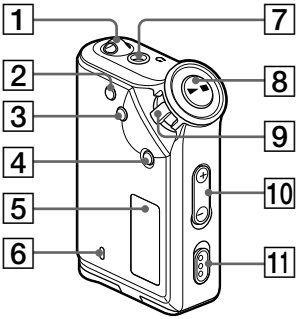
如果电池盒盖意外脱落，请如图所示连接。



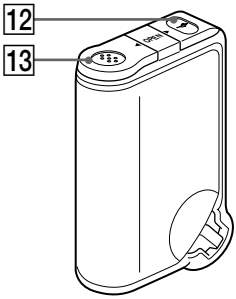
确定控制器位置

有关各部件的详细说明，请参阅各括号内的页码。

前面



背面



1 连接挂绳的挂绳孔

2 REPEAT/SOUND 钮（第 15–16，19 页）

3 MENU 钮（第 14，17–20，22–28 页）
您可按住 MENU 钮一段时间以切换到时间显示。

4 GROUP 按钮（第 13，18 页）

5 显示屏（第 9，15，33 页）
显示屏和图标的详细说明请参阅第 9 页。

6 ACCESS 指示灯（第 10，38 页）

7 耳机插孔（第 12 页）

8 ►■ 按钮（第 12–20，22–28 页）

9 往复开关（第 13–20，22–28 页）

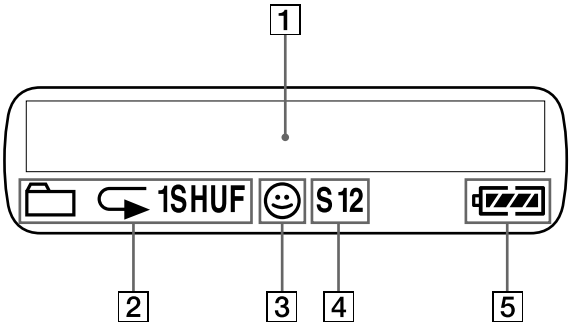
10 VOLUME +/– 钮（第 12，24 页）

11 HOLD（锁定控制）开关（第 12，20 页）

12 USB 插孔（第 10，37 页）

13 电池盒（第 7 页）

显示屏



1 文字/图像信息显示（第 14 页）
显示曲目号码、曲目名称、当前日期和时间（第 17–23 页），提示（第 11，33 页）以及菜单。
按 MENU 键切换显示模式。详细信息，请参阅第 17 页“更改显示模式”。

2 重复模式指示（第 14 页）
显示当前重复模式。

3 AVLS 指示（第 24 页）
当 AVLS 功能启动时，该指示亮起。

4 数字声音预置显示（第 19–20 页）
显示当前声音设置。

5 剩余电量指示（第 7 页）
显示电池的剩余电量。

将音频文件从计算机传送至 Network Walkman

注意事项

在首次将您的 Network Walkman 与计算机连接时，请确保将附赠的 CD-ROM 中的“SonicStage”软件安装到计算机。 即使已经安装 SonicStage 软件，您仍需在将您的 Network Walkman 与计算机连接之前安装随本 Network Walkman 提供的 SonicStage 软件（可能有升级程序）。

使用安装好的 SonicStage 软件，您能够将 ATRAC3、 ATRAC3plus 格式的音频文件从计算机传送至您的 Network Walkman。请按照以下步骤。

使用 Network Walkman 里预装的 MP3 文件管理器，您也能够传送 MP3 格式的音频文件。详细说明，请参阅第 37 页的“MP3 文件管理器软件操作”。

1 使用附赠的 CD-ROM 将 SonicStage 软件安装至您的计算机。

只有在首次将 Network Walkman 连接到计算机时才需要操作步骤 1。详细说明，请参阅 SonicStage 使用说明书。

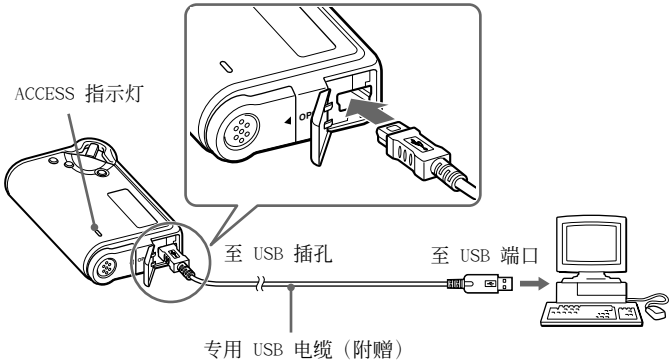
2 将音频文件导入 SonicStage 软件。

详细说明，请参阅“SonicStage 使用说明书”。

3 将您的 Network Walkman 与计算机连接。

将专用 USB 电缆上的小的连接器接入 Network Walkman 上的 USB 插孔，然后将大的连接器接到您计算机的 USB 端口。

显示屏上出现“CONNECT”。



注意事项

- 当您的 Network Walkman 接入计算机时，ACCESS 指示灯闪烁。
- 请勿在 ACCESS 指示灯闪烁时将 USB 电缆断开连接，否则传送中的数据会被破坏。
- 用 USB 集线器或 USB 加长电缆使用您的 Network Walkman 不在担保之列。请仅使用专用的 USB 电缆将您的 Network Walkman 直接与计算机连接。
- 某些连接至计算机的 USB 装置可能会干扰您的 Network Walkman 的正确操作。
- 当与计算机连接时，您的 Network Walkman 上的控制钮都将无效。
- 当 Network Walkman 与计算机连接时，您可使用 Windows Explorer 显示储存在内置闪存上的数据。

4 将音频文件传送至您的 Network Walkman。
有关将音频文件传送至内置闪存的详细信息，请参阅“SonicStage 使用说明书”。

提示
有关将音频文件传送回计算机的详细信息，请参阅“SonicStage 使用说明书”或 SonicStage 软件的在线帮助。

播放有限定播放时间的歌曲注意事项（超时内容）

有些通过互联网（EMD 服务）发布的歌曲有播放时间限定。
若您试图播放过期歌曲，“EXPIRED”将闪烁，短暂停顿之后将播放下一首歌曲。
此外，过期歌曲不能用 SonicStage 软件播放或传送至您的 Network Walkman。必要时删除歌曲。

播放有限定播放次数的歌曲注意事项

您的 Network Walkman 不支持有限定播放次数的内容。
若您试图播放有限定播放次数的歌曲时，将显示“EXPIRED”，歌曲不能被播放。

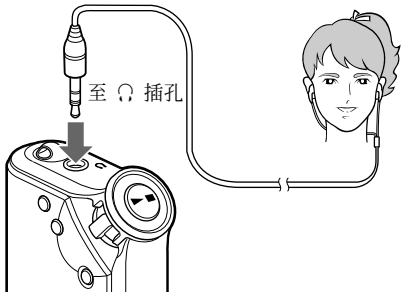
用 Network Walkman 听音乐

使用前请先插入电池（参阅第 7 页）。

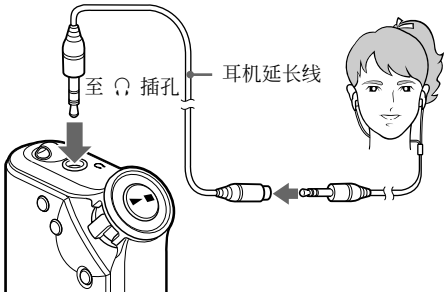
注意事项

确保您在使用 Network Walkman 时已将其从计算机上断开连接。

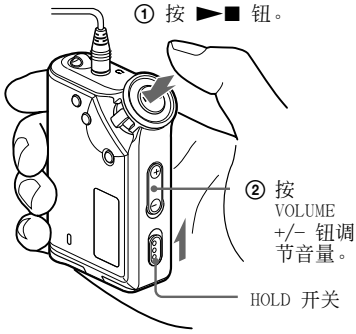
1 连接耳机。



使用耳机延长线



2 开始播放。



若播放未开始

请确认 HOLD 开关设置为关闭（第 20 页）。

停止播放

按 ►■ 钮。

调节音量

可在 PRESET 以及 MANUAL 模式下对音量进行设置（第 24-25 页）。

提示

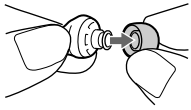
若在停止模式下 10 秒钟内未操作 Network Walkman，显示屏自动关闭。
当滚动显示曲目标题等时，显示屏在滚动显示结束后关闭。

当选择正常播放模式时，最后一首歌曲结束后播放自动停止。

正确安装耳机套的方法

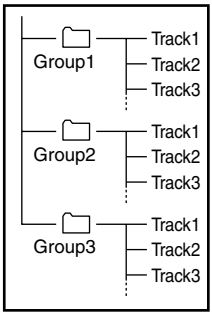
对于 NW-E70/E90 用户

如果耳机套不适合您的耳朵，您可能无法听到重低音。为了欣赏到高质量的声音，请调节耳机套的位置以贴合您的耳朵，或者将耳机套推入您的耳朵使之贴合您的耳朵。购买时，安装的是 M 尺寸的耳机套。如果不适合您的耳朵，请试用其它附赠的 S 或 L 尺寸的耳机套。

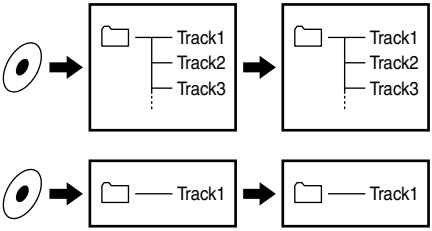


什么是组群功能？

组群功能使您能方便地在 Network Walkman 上选取喜爱的歌曲。您可使用组群功能采用专辑或艺术家分类来传送音频文件或播放歌曲。



- 曲目编号是歌曲在各组群的顺序。
- 您可通过按 GROUP 钮在曲目名称模式和组群模式之间切换。
- 在组群模式中，显示的是组群名称而非曲目名称。此外，任何切换操作，如跳跃或重复，都将按组群运行。



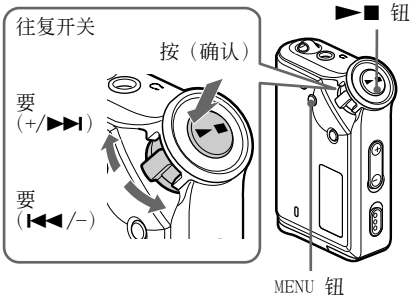
按组群传送

已传送到 SonicStage 软件的音频文件传送到内置闪存时总是进行分组。

提示

在您的 Network Walkman 上，用 SonicStage 软件制作的组群比用 MP3 文件管理器软件制作的组群具有优先权。

关于其它操作



要	往复开关操作
跳到下一曲目/组群开始处*1	顺时针转动往复开关一次（+/▶▶I）。
跳到当前曲目/组群开始处*1	逆时针转动往复开关一次（I◀◀/–）。
快进 *2	顺时针转动往复开关（+/▶▶I）并握住。
快退 *2	逆时针转动往复开关（I◀◀/–）并握住。

*1 在停止模式下转动并握住往复开关，可使您连续跳到下一（当前和上一）曲目/组群的开始处。
*2 快进或快退持续 5 秒后，其速度会加快。

提示

您可通过按 GROUP 模式钮切换到组群模式。

重复模式

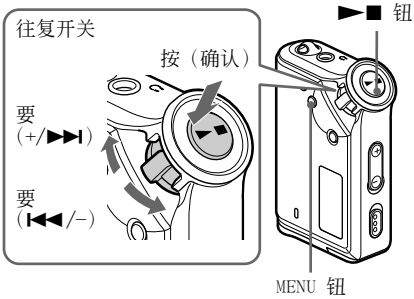
有三种重复模式：曲目重复，A-B 重复和语音复读。

- **曲目重复（TRK Rep）**
  本模式以下列五种方式播放曲目。

曲目重复模式	操作
全部重复	重复全部曲目
单曲重复	重复当前曲目
组群重复	重复当前组群
组群随机重复	以随机顺序重复当前组群
所有组群随机重复	以随机顺序重复全部组群

- **A-B 重复（A-B Rep）**
  此模式重复播放一首曲目中的某一指定部分。
- **语音复读（SENTENCE Rep）**
  此模式反复播放曲目中一个指定部分中的声音数据。

选择重复模式



1 在停止模式中按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“REPEAT MODE >”，按 ▶■ 钮确认。

3 转动往复开关选择需要的重复模式，按 ▶■ 确认。

TRKRep

您可以在“TRK Rep”，“A-B Rep”和“SENTENCE Rep”中选择一种模式。

4 按 MENU 钮。
显示屏返回正常屏幕。
参考以下内容，您可以操作每一个您选择的重复模式。
- TRK Rep：参阅“重复播放曲目（曲目重复）”。
- A-B Rep：参阅“重复播放某一指定部分（A-B 重复）”。
- SENTENCE Rep：参阅“重复播放指定语句（语音复读）”。

取消菜单模式

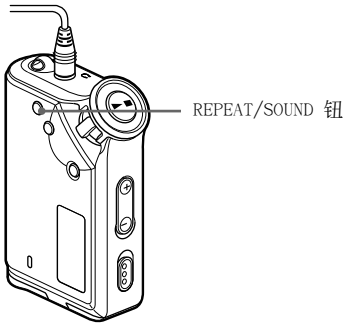
选择菜单屏幕中的 [RETURN] 或按下 MENU 钮。

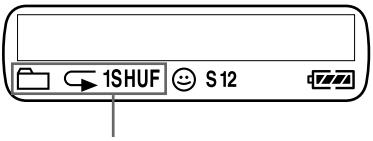
注意事项

- 若您持续 60 秒未操作任何按钮，显示屏将自动返回到正常播放屏幕。
- 当内置闪存中没有音频文件时，您将无法设置任何重复模式。
- 当您将 Network Walkman 连接至计算机时，已选择的模式将被取消。
- 您只能在停止模式中选择重复模式。

重复播放曲目（曲目重复）

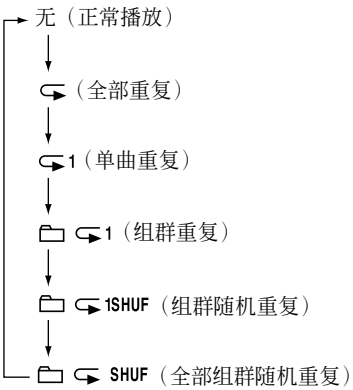
按 REPEAT/SOUND 钮可以改变曲目重复模式。您可以通过显示屏上的图标来查看当前曲目重复模式。





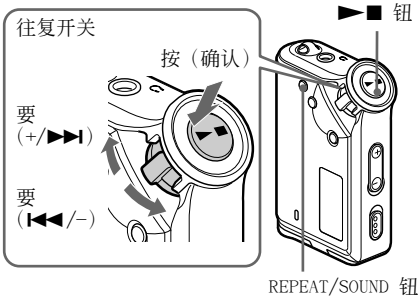
首先选择曲目重复模式（TRK Rep）（第 14 页）。
然后，重复按 REPEAT/SOUND 钮来选择您需要的曲目重复模式。

每按一次，曲目重复图标如下改变：



重复播放某一指定部分（A-B 重复）

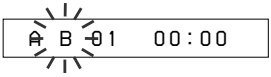
当播放一首曲目时，您可以通过设置开始点（A）和结束点（B）来重复播放您需要的某一部分。



1 选择 A-B 重复模式（A-B Rep）（第 14 页）。

2 按 ▶■ 钮开始播放。

3 播放中按 REPEAT/SOUND 钮来设置开始点（A）。
"B" 闪烁。



4 按 REPEAT/SOUND 钮来设置结束点（B）。
显示屏上出现 "A B"，被选部分将重复播放。

A B 01 00:55

注意事项

- 您无法跨越两首或两首以上曲目设置 A-B 重复。
- 若您没有设置结束点（B），结束点将自动设置为曲目的终点。
- 处于组群模式或显示当前时间时，您无法使用 A-B 模式。

接下页

提示

- 设置完开始点（A）后，您可以通过转动往复开关来快速前进或快速倒退。若在快进时曲目到达终点，则终点将被设置为点（B），且继续快进。当松开往复开关时，A-B 重复开始。
  若在快速倒退时曲目到达起点，则将跳回到该曲目终点，终点将被设置为点（B），并继续快速倒退。
- 在 A-B 重复播放时，您可以通过转动往复开关来快速前进或快速倒退。若快速前进或快速倒退时，曲目到达起点/终点，则继续快速前进或快速倒退。当松开往复开关时，A-B 重复将重新开始。

若要清除开始点（A）和结束点（B）

- A-B 重复播放时，按 REPEAT/SOUND 钮。
- A-B 重复播放时，按 MENU钮。
- A-B 重复播放时，按 GROUP 钮选择组群模式。
- A-B 重复播放时，转动往复开关来选择上一首或下一首曲目。（ A-B 重复模式未取消。）

若要取消 A-B 重复模式

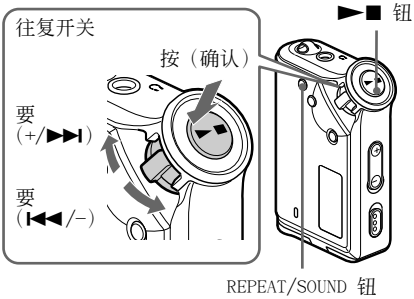
请在菜单屏幕上改变重复模式（第14页）。

重复播放指定语句（语音复读）

此功能只从设置点开始自动检测声音数据，并根据设置次数重复声音数据。这对于学习外语非常有用。

提示

默认的重复次数设置为一句 2 次。您也可以改变重复次数设置。详细说明，请参阅第 17 页的“设置重复次数”。



1 选择语音复读模式（SENTENCE Rep）（第 14 页）。

2 按 ▶■ 钮开始播放。

3 在播放过程中按 REPEAT/SOUND 钮放置设置点。

Network Walkman 从该设置点开始检测语音的部分和无语音的部分，并开始语音复读。（语音部分重复一次（在检测中），此设置被计算一次。）

01 00:12

注意事项

- 在组群模式中或显示当前时间时无法使用语音复读功能。
- 无法检测少于 1 秒钟的语音部分和无语音部分。
- 如果直至结束都未检测到无语音部分，则曲目的结束点将视作无语音部分，语音复读将从上一个语音部分开始。

若要清除设置点

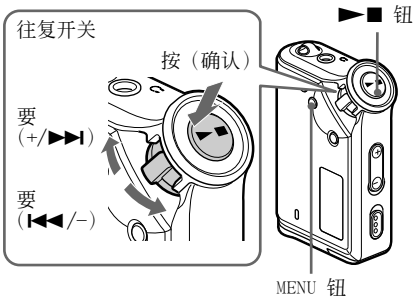
- 语音复读播放时，按 REPEAT/SOUND 钮。
- 语音复读播放时，按 MENU 钮。
- 语音复读播放时，按 GROUP 钮选择组群模式。
- 语音复读播放时，重复播放时，转动往复开关来选择上一首或下一首曲目。（语音复读模式未取消。）

若要取消语音复读模式

请在菜单屏幕上改变重复模式（第14页）。

设定重复次数

您可以设定语音复读模式一句语句的重复次数（1-9）。



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“REPEAT MODE >”，按 ▶■ 钮确认。

3 转动往复开关选择“SENTENCE Rep”，按 ▶■ 钮确认。
“COUNT:”显示在屏幕上。

COUNT:2 –

4 转动往复开关选择需要的重复次数，按 ▶■ 钮确认。

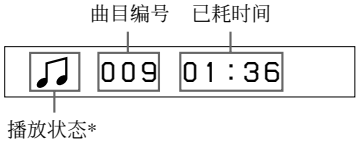
5 按 MENU 钮。
显示屏返回正常屏幕。

取消菜单模式
选择菜单屏幕中的 [RETURN] 或按下 MENU 钮。

更改显示模式

当音乐被播放或停止时，您可看到显示屏上的诸如曲目编号或标题等信息。可在菜单模式中操作往复开关来更改播放模式。

- Lap Time：已耗时间显示模式
  在一首音乐标题和艺术家名字显示之后，将出现如下显示。



* 播放：交替显示 ♫ 和 ♫。
停止：显示 ♫。
搜索曲目：显示 ▶▶I 或 I◀◀。
快进/快退：显示 ▶▶ 或 ◀◀。

- Title：标题显示模式
  当音乐标题包含 12 个以上字符时，标题将自动滚动显示。

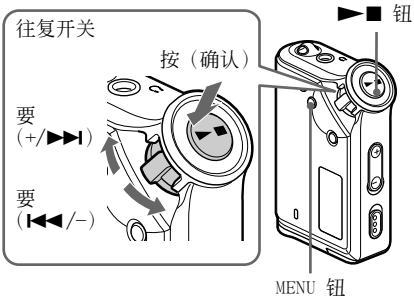
♫ Title/Artis

- Track info：曲目信息显示模式
  将显示曲目标题，CODEC，比特率。当信息包含 12 个以上字符时将自动滚动显示。

♫ Title/Codec/

当搜索、快进、或快退曲目时，将显示当前播放位置。

接下页



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“DISPLAY >”，并按 ▶■ 钮确认。
被选择的显示模式闪烁。

LapTime

3 转动往复开关选择所需的显示模式，并按 ▶■ 钮确认。
显示切换到选中的显示模式。

DISPLAY>

4 按 MENU 钮。
显示屏返回正常屏幕。

取消菜单模式

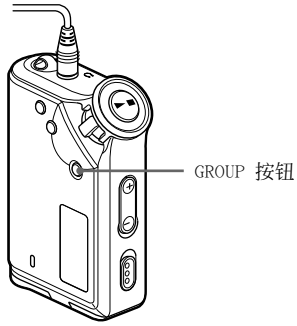
选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

注意事项

若您未按钮达 60 秒，显示屏自动返回到正常播放屏幕。

选择组群显示模式

在任何菜单模式下，您可通过按 GROUP 钮选择组群显示。



若要取消组群模式

在组群模式画面中按 GROUP 钮。

注意事项

如果 30 秒钟没有操作任何按钮，则显示将自动返回正常播放画面。

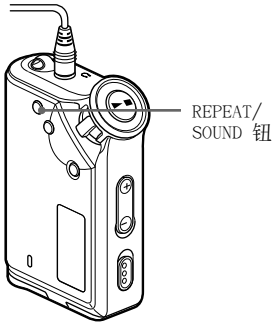
调节高音与低音（数字声音预置）

您可调节高音与低音。您可预置两种可在播放中选择的设置。

选择声音质量

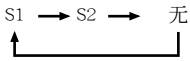
默认设置

声音质量	SOUND 1 (S1)	SOUND 2 (S2)	SOUND OFF（普通声音）
低音	+1	+3	±0
高音	±0	±0	±0



按住 REPEAT/SOUND 钮半秒钟。

声音质量设置如下改变：



返回普通声音质量

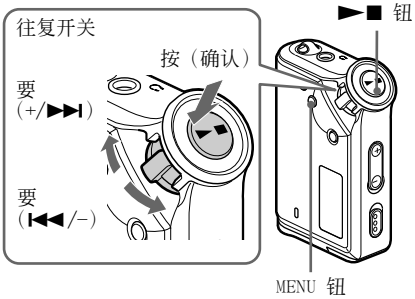
选择“SOUND OFF”。

调节声音质量

您可调节低音和高音部分的声音质量。

声音质量	补偿等级
低音	-4 至 +3
高音	-4 至 +3

您可将想要的声音质量设置预设为“Sound 1”和“Sound 2”。播放音乐时，您可指定其中一种预置声音质量。



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“SOUND >”，并按 ▶■ 钮确认。

SOUND:2>

3 设定“SOUND 1”的音调。

① 转动往复开关选择“SOUND 1>”，并按 ▶■ 钮确认。

② 出现“BASS:+1”，转动往复开关调节低音的补偿等级，并按 ▶■ 钮确认。

③ 出现“TREBLE:0”，转动往复开关调节高音的补偿等级，并按 ▶■ 钮确认。

接下页

4 按 MENU 钮。
显示屏返回正常屏幕。

调节“SOUND 2”设置

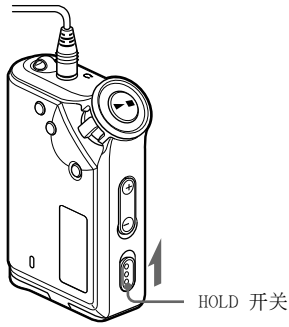
在步骤 3 选择“SOUND 2”。

取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

锁定控制器（HOLD）

您可在携带 Network Walkman 时应用 HOLD 功能保护机器不被意外操作。



按箭头方向滑动 HOLD 开关。

所有操作钮都将无效。

若您在 HOLD 开关开启时按钮，“HOLD”将在显示屏上闪烁。

取消 HOLD 功能

按箭头相反方向滑动 HOLD 开关。

储存非音频数据

您可应用 Windows Explorer 将计算机硬盘上的数据传送到内置闪存。

内置闪存将作为外部驱动器（如：作为 D 盘驱动器）显示在 Windows Explorer 上。

注意事项

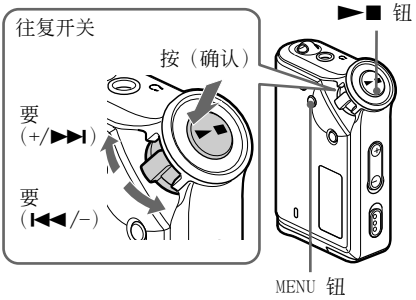
- 您不能在操作 Network Walkman 的数据储存功能时，操作 SonicStage 软件来使用保存在内置闪存上的文件。当您试图同时进行上述两项操作时，将显示“Cannot access the Device/media”出错提示。
- 如果将大量的非音频数据储存在内置闪存中，则音频数据的使用空间将减少相同的容量。

将 Network Walkman 时间设置调节至计算机内置时钟

若此功能设置为“ON”，当 Network Walkman 连接到计算机并进行音频文件传送时（必须启动 SonicStage 软件），Network Walkman 的时间设置将自动调节为计算机的内置时钟。“ON”为默认选择。

Network Walkman 不能在没有时间设置的状态下播放有限定播放时间的歌曲。请确信时间设置已调节。

要设置 Network Walkman 的日期和时间，请参阅第 23 页上的“调节当前时间设置（DATE-TIME）”。



将设置更改为 “ OFF ”

即使在 Network Walkman 与计算机处于连接状态时，您的 Network Walkman 上的时间设置也不会改变。

1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“PC CLK：”，并按 ▶■ 钮确认。

PC CLK:ON

3 转动往复开关选择“OFF”，并按 ▶■ 钮确认。

4 按 MENU 钮。
显示屏返回正常屏幕。

将设置更改为“ON”

在步骤 3 选择 “ON”。

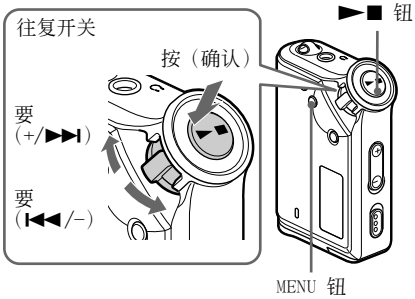
取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

调节当前时间设置（DATE-TIME）

您可设置和显示当前时间。

您也可通过将 Network Walkman 与计算机连接，将 Network Walkman 的时间设置调节为计算机的内置时钟（第 22 页）。



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“DATE-TIME”，并按 ▶■ 钮确认。
“年份”数字闪烁。

2004y 1m 1d

3 转动往复开关调节“年份”设置，并按 ▶■ 钮确认。
“月份”数字闪烁。

2004y 1m 1d

4 依步骤 3 相同方法调节“月份”和“日期”的设置。
在转动往复开关调节好“日期”设置并按 ▶■ 钮确认后，显示屏转为时间设置屏幕。

0:00

5 转动往复开关调节“小时”设置，并按 ▶■ 钮确认。
“分钟”数字闪烁。

0:00

6 依步骤 5 相同方法调节“分钟”设置。
在转动往复开关调节好“分钟”设置并按 ▶■ 钮确认后，显示屏转为时间设置屏幕。

DATE-TIME

7 按 MENU 钮。
显示屏返回正常屏幕。

取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

显示当前时间

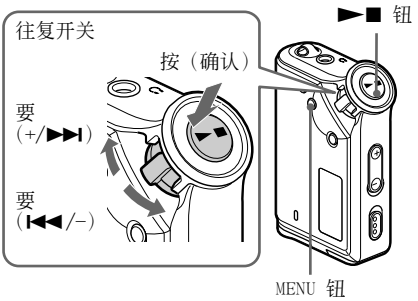
按 MENU 钮不放。
在按住该钮时可显示当前时间。

注意事项

- 若机器长时间不用，日期和时间设置可能会复位。
- 若未设置当前时间，日期和时间显示为“-- --”。
- 若 PC CLK 设置为“ON”（第 22 页），则当 Network Walkman 在与计算机连接时，其时间设置自动调节为计算机的内置时钟。
- 视发运地区而定，本装置的时间显示格式设定为 12 小时制或 24 小时制。
  在本装置中不能进行 12 小时制和 24 小时制显示的切换。
  在本手册中以 24 小时显示为例。

限制音量（AVLS）

您可通过设置 AVLS（自动音量限制系统）来限制最大音量，以防止听觉干扰或分心。通过 AVLS，您可在舒适的音量电平上欣赏音乐。



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“AVLS”，按 ▶■ 钮确认。
“OFF”闪烁。

AVLS :OFF

3 转动往复开关选择“ON”，按 ▶■ 钮确认。
将显示 ☺（AVLS）指示。 音量保持中等电平。

4 按 MENU 钮。

将设置改变为“OFF”
在步骤 3 中选择“OFF”。

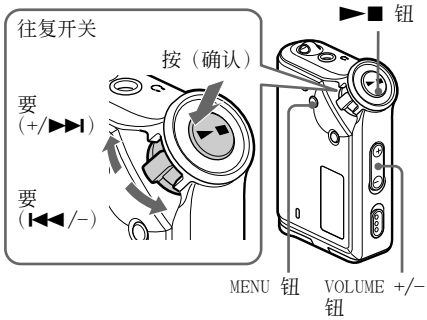
取消菜单模式
选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

使用预置音量功能设置音量

有两种调节音量的模式。

手动模式：按 VOLUME +/− 钮，在 0-31 范围内调节音量电平。

预置模式：按 VOLUME +/− 钮，将音量电平设置为以下三种预置电平的任一种：LO，MID 或 HI。



设置预设模式的音量电平

1 按 MENU 钮。
将显示菜单屏幕。

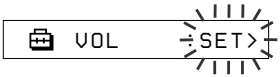
REPEAT MODE>

2 转动往复开关选择“VOL：MAN”。

VOL :MAN

3 按 ▶■ 钮确认。
“MAN”闪烁。

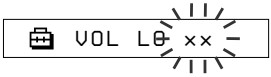
4 转动往复开关选择“SET ＞”。



5 按 ►■ 钮确认。

“VOL LO xx”* 闪烁。

*“xx”代表音量电平的数值。



6 三种预置电平的音量设置：LO，MID 或 HI。

① 按 VOLUME +/– 钮，设置 LO 预置音量电平。

② 转动往复开关选择“VOL MID xx”，然后按 VOLUME +/– 钮，设置 MID 预置音量电平。

③ 转动往复开关选择“VOL HI xx”，然后按 VOLUME +/– 钮，设置 HI 预置音量电平。

7 按 ►■ 钮确认。

8 按 MENU 钮。

显示屏返回正常屏幕。

通过这些设置，您可调节音量电平至以下三种预置电平的任一种：LO，MID 或 HI。

取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

注意事项

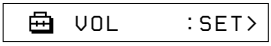
若 AVLS（第 24 页）已设置，实际音量可能低于该设置。

转为手动模式

1 按 MENU 钮。

将显示菜单屏幕。

2 转动往复开关选择“VOL:SET”。



3 按 ►■ 钮确认。

“SET ＞”闪烁。

4 转动往复开关选择“MAN”。

5 按 ►■ 钮确认。

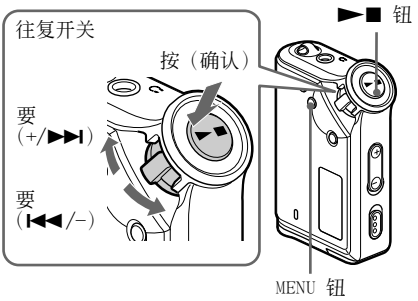
6 按 MENU 钮。

显示屏返回正常屏幕。

通过该设置，您可按音量钮来调节音量电平。

关闭操作音（BEEP）

您可关闭 Network Walkman 的操作音。



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“BEEP”，然后按 ▶■ 钮确认。
“ON”闪烁。

BEEP:ON

3 转动往复开关选择“OFF”，然后按 ▶■ 钮确认。

BEEP:OFF

4 按 MENU 钮。
显示屏返回正常屏幕。

将设置改变为“ON”

在步骤 3 选择“ON”。

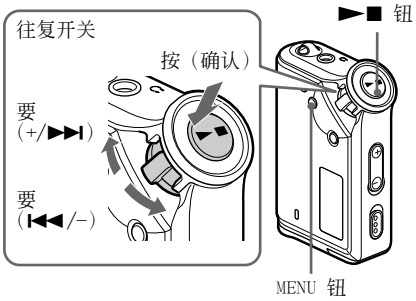
取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

改变背景照明设置

您可选择 ON 或 OFF。

菜单	背景照明模式
OFF	总是关闭
ON	每次操作后 开启 3 秒钟 （或直到滚动显示完成）



设置为“ON”

1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“LIGHT：”，并按 ▶■ 钮确认。
“OFF” 闪烁。

LIGHT:OFF

3 转动往复开关选择“ON”，然后按 ▶■ 钮确认。

LIGHT:ON

4 按 MENU 钮。
显示屏返回正常屏幕。

将设置改变为“OFF”

在步骤 3 选择“LIGHT：OFF”。

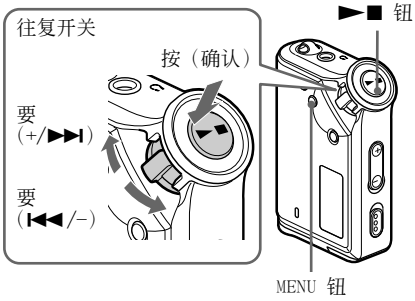
取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

歌曲重组（REGROUP）

若通过操作未安装 SonicStage 软件的计算机（第 10 页），已将歌曲从内置闪存删除或添加到内置闪存，则歌曲组群功能可能无法执行*。在这种情形下，您可通过重组音频文件激活组群功能。当您需要编辑音频文件，请确信您已将 Network Walkman 连接到计算机上并使用 SonicStage 软件。

* 即便歌曲组群功能不能执行，歌曲顺序仍不会改变。



1 按 MENU 钮。

将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“REGROUP”，按 ▶■ 钮确认。

REGROUP: N

您不能在播放音乐时重组音频文件。

3 转动往复开关选择“Y”，按 ▶■ 键确认。

将显示“Really?”。

Really?

4 按 ▶■ 钮。

重组开始，“REGROUPING”闪烁。当重组音频文件数据完毕，将显示“COMPLETE”，显示屏返回步骤 2 中的指示。

5 按 MENU 钮。

显示屏返回正常屏幕。

取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

注意事项

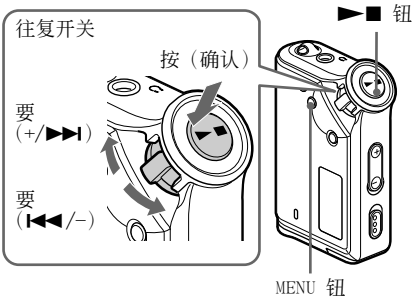
您不能在播放音乐时重组歌曲（“REGROUP” 不显示在菜单屏幕上）。

提示

某些情形下，您可能无法恢复先前的组群。当您需要编辑音频文件时，请将 Network Walkman 连接到计算机上并使用 SonicStage 软件。

格式化存储器（FORMAT）

您可使用 Network Walkman 来格式化内置闪存。
若对内存进行格式化，则先前储存在内存中的所有数据将被删除。请确保在格式化之前核实内存中储存的数据。



1 按 MENU 钮。
将显示菜单屏幕。

REPEAT MODE>

2 转动往复开关选择“FORMAT”，按 ▶■ 钮确认。

FORMAT:N –

您不能在播放音乐时将存储器格式化。

3 转动往复开关，选择“Y”，按 ▶■ 钮确认。
将显示“Really？”。

4 按 ▶■ 钮。
“FORMATTING”闪烁，格式化开始。
当格式化完成，将显示“COMPLETE”，显示屏返回步骤 2 中的指示。

5 按 MENU 钮。
显示屏返回正常屏幕。

取消菜单模式

选择菜单屏幕上的 [RETURN] 或按 MENU 钮。

取消格式化

在步骤 3 选择“N”。

注意事项

- 您不能在播放音乐时将存储器格式化（“FORMAT”不显示在菜单屏幕上）。
- 格式化将导致 MP3 文件管理器软件和用此软件传送的 MP3 音频文件被删除。当您要恢复 MP3 文件管理器软件时，请从 Sony 客户服务网站下载此软件。详细说明，请参阅第 37 页“MP3 文件管理器软件操作”。

预防措施

安装

请勿在强光、高温、低温、高湿或强烈震动的环境下使用您的 Network Walkman。

耳机

道路安全

请勿在驾驶、骑车、或操作任何机动车时使用耳机。它可能会制造交通事故，且在许多地方是非法的。在行走，尤其在穿行人行横道时，高音量播放 Network Walkman 可能有潜在危险。您应该在有着潜在危害的环境下使用时特别谨慎操作或中止使用。

预防听觉受损

避免以高音量使用耳机。听力专家建议避免持续、高音和长期播放。若您感觉有耳鸣，请降低音量或中止使用。

顾及他人

请将音量保持在适当的电平。这将使您能听见外面的声音，也为了顾及周围的人。

警告

若您在使用 Network Walkman 时出现闪电，请立即停止使用耳机。

清洁

- 请用微湿的软棉布或温和的清洁剂清洁 Network Walkman 外壳。
- 定期清洁耳机插头。

注意事项

请勿使用任何类型的擦洗纱布、擦洗粉或溶剂，例如酒精或苯，否则会损坏外壳表面。

如果有关于 Network Walkman 的任何问题或疑问请向就近的 Sony 经销商咨询。

故障排除

若您在使用 Network Walkman 时出现下列问题，请在向 Sony 经销商咨询之前，利用本故障排除指南进行问题排除。若问题仍然存在，请向最近的 Sony 指定代理商咨询。若您在与计算机连接时出现操作问题，请另行参阅附赠软件上在线帮助中的“故障排除”章节。

播放器复位

若您在检查了下列故障排除指南后，Network Walkman 仍然不能正常操作或没有声音，请取出电池，然后重新插入。

发生什么故障？

操作中

故障现象	原因/纠正方法
没有声音。 产生噪声。	• 音量电平设置为零。 ➔ 将音量提高（第 12 页）。 • 未正确连接耳机插孔。 ➔ 请正确连接耳机插孔（第 12 页）。 • 耳机插头不洁。 ➔ 用软干棉布清洁耳机插头。 • 正播放有限定播放时间的歌曲。 ➔ 不能播放超过播放期限的歌曲。 • 存储器中没有音频文件。 ➔ 如果显示“NO DATA”，请从计算机中传送出音频文件。
钮无效。	• HOLD 开关设置为开启。 ➔ 将 HOLD 开关设置为关闭（第 20 页）。 • 您的 Network Walkman 有潮湿凝结。 ➔ 将 Network Walkman 闲置数小时。 • 电池所剩电量不足。 ➔ 更换电池（第 7 页）。
音量不够响。	AVLS 被激活。 ➔ 使 AVLS 失效（第 24 页）。
耳机右声道没有声音。	• 耳机插头未完全插入插孔中。 ➔ 请将耳机插头完全插入插孔中（第 12 页）。 • 耳机延长线未与耳机或主机连接好。 ➔ 请正确连接（第 12 页）。
播放突然中断。	电池剩余电量不足。 ➔ 更换电池（第 7 页）。

显示屏窗口

故障现象	原因/纠正方法
背景照明不能打开。	LIGHT 设置在“OFF”。 ➔ 在菜单模式下，将“LIGHT” 设置为“ON”（第 26 页）。
标题显示为“□”。	您的 Network Walkman 包含了无法显示的字符。 ➔ 使用附赠的 SonicStage 软件将标题用正确的字符重新命名。

与计算机的连接或附赠的软件

故障现象	原因/纠正方法
无法安装软件。	正使用的是不与软件兼容的操作系统。 ➔ 详细信息，请另行参阅“SonicStage 使用说明书”。
使用专用的 USB 电缆与计算机连接时，没有显示“CONNECT”。	• 请等待 SonicStage 软件校验。 • 计算机正在运行其它应用程序。 ➔ 稍等片刻后重新连接 USB 电缆。若问题仍然存在，断开 USB 电缆，重新启动计算机，然后再连接 USB 电缆。 • 专用的 USB 电缆已断开连接。 ➔ 连接专用的 USB 电缆。 • 使用了 USB 集线器。 ➔ 通过 USB 集线器连接不在担保之列。请使用专用的 USB 电缆直接与计算机连接。
您的 Network Walkman 在与计算机连接时，不能被计算机识别。	专用 USB 电缆已断开连接。 ➔ 连接专用的 USB 电缆。
歌曲不能传送至您的 Network Walkman。	• 专用 USB 电缆未正确连接。 ➔ 正确连接 USB 电缆。 • 您用于传送音频文件的内置闪存空间不足。 ➔ 将所有不需要的歌曲传回计算机，以增加剩余空间。 • 您已经使用 SonicStage 软件将 400 首歌曲或 400 个组群传送至内置闪存。 ➔ 使用 SonicStage 软件将歌曲或组群传送至内置闪存的最大数量为 400。 • 您已经使用 MP3 文件管理器软件将 40,000 首歌曲或 400 个组群传送至内置闪存。 ➔ 使用 MP3 文件管理器软件将歌曲或组群传送至内置闪存的最大数量分别为 40,000 和 400。（一个组群中所含歌曲的最大数量为 100。） • 由于版权所有者的限制设定，有限定播放时间或播放次数的音频文件不能被传送。有关各音频文件设置的详细信息，请向代理商咨询。

接下页

故障现象	原因/纠正方法
可以被传送的音频文件数量有限制。（可供录制的时间短。）	• 您想要传入的内置闪存剩余空间无法容纳您想要传送的音频文件的尺寸。 ➔ 将所有不需要的音频文件传回计算机，以增加剩余空间。 • 非音频数据储存在您想要传入音频文件的内置闪存中。 ➔ 将非音频数据移到计算机，以增加剩余空间。
Network Walkman 与计算机连接后，操作变得不稳定。	使用了 USB 集线器或 USB 延长接线。 ➔ 使用 USB 集线器或 USB 延长接线连接不在担保之列。请使用专用的 USB 电缆直接与计算机连接。
当 Network Walkman 与计算机连接时，计算机屏幕上显示“Failed to authenticate Device/Media”。（设备/媒体校验失败。）	您的 Network Walkman 未与计算机正确连接。 ➔ 退出 SonicStage 软件，核实专用 USB 电缆连接。重新启动 SonicStage 软件。

其它

故障现象	原因/纠正方法
您的 Network Walkman 操作时没有提示音。	BEEP 设置为“OFF”。 ➔ 在菜单模式下，将“BEEP”设置为“ON”（第 26 页）。
Network Walkman 变热。	在正常条件下，有时候播放器会轻微变热。

提示

若显示屏上出现出错提示，按以下指令操作。

提示	含义	纠正方法
ACCESS	存取内置闪存。	请等待存取完成。此提示在传送音频文件和内置闪存初始化时显示。
AVLS	AVLS 激活时，音量电平超出了额定值。	将音量开小或关闭 AVLS。
CANNOT PLAY	• 您的 Network Walkman 由于格式不兼容，不能播放某些文件。 • 传送被强行中断。	若该文件不能播放，您可将其从内置闪存中删除。 详细信息，请参阅“从内置闪存中删除异常数据”（第 33 页）。
CONNECT	您的 Network Walkman 正与计算机连接。	您可使用 SonicStage 或 MP3 文件管理器软件操作您的 Network Walkman，但不能操作 Network Walkman 上的控制器。
ERROR	检测到一个故障。	请向最近的 Sony 代理商咨询。
EXPIRED	• 有播放限定的歌曲已经过期。 • 播放有播放限定的歌曲时，当前时间未被设置。 • 歌曲受不与您的 Network Walkman 兼容的播放限定的保护。	• 若未设置当前时间，请在菜单模式下设置当前时间（第 23 页）。 • 若歌曲不能播放，您可将其从内置闪存中删除。详细信息，请参阅“从内置闪存中删除异常数据”（第 33 页）。 • 您的 Network Walkman 不支持有限定播放次数的内容。详细信息，请参阅“播放有限定播放次数的歌曲注意事项”（第 11 页）。
FILE ERROR	• 文件不能被读取。 • 文件不正常。	将正常音频文件传送回计算机，然后对您的 Network Walkman 进行格式化。（详细信息，请参阅第 33 页的“从内置闪存中删除异常数据”）。
HOLD	HOLD 开关设置为开启时，所有操作钮不能执行。	将 HOLD 开关设置为关闭，以操作按钮。
LOW BATT	电池电量低。	您必须更换电池（第 7 页）。
MEMORY FULL	存储器已满载或已存有 400 组歌曲。	删除歌曲或组群。没有歌曲的组群仍被认为是一个组群。要删除没有歌曲的组群，请使用 SonicStage 软件。
MG ERROR	为了版权保护，检测出一个未经授权的发布文件。	将正常音频文件传回计算机，然后在 Network Walkman上将内置闪存格式化。（详细说明、请参阅第 33 页“从内置闪存中删除异常数据”。）
NO AUDIO	内置闪存中没有音频文件。	若内置闪存中没有音频文件，请使用 SonicStage软件传送音频文件。

从内置闪存中删除异常数据

若显示 CANNOT PLAY、EXPIRED 或 FILE ERROR，表明在内置闪存中储存的全部或部分数据出现了问题。

请依以下步骤删除不能播放的数据。

1 将您的 Network Walkman 与计算机连接，启动 SonicStage 软件。

2 若您已知是哪些数据出现了问题（如过期歌曲），将该数据从 SonicStage 软件的 Portable Player 窗口删除。

3 若问题仍然存在，在您的Network Walkman与计算机连接的情况下单击SonicStage软件上的 ← 按钮，传送所有没有问题的数据。

4 将您的 Network Walkman 与计算机断开连接，然后使用 FORMAT 菜单将内置闪存格式化（第 28 页）。

规格

最长录制时间（约）

NW-E50

ATRAC3*	ATRAC3plus*
2 小时 00 分钟（132 kbps）	1 小时 00 分钟（256 kbps）
2 小时 30 分钟（105 kbps）	4 小时 10 分钟（64 kbps）
4 小时 10 分钟（66 kbps）	5 小时 50 分钟（48 kbps）

MP3
1 小时 00 分钟（256 kbps）
2 小时 00 分钟（128 kbps）

NW-E70

ATRAC3*	ATRAC3plus*
4 小时 10 分钟（132 kbps）	2 小时 00 分钟（256 kbps）
5 小时 10 分钟（105 kbps）	8 小时 30 分钟（64 kbps）
8 小时 20 分钟（66 kbps）	11 小时 40 分钟（48 kbps）

MP3
2 小时 00 分钟（256 kbps）
4 小时 00 分钟（128 kbps）

NW-E90

ATRAC3*	ATRAC3plus*
8 小时 20 分钟（132 kbps）	4 小时 00 分钟（256 kbps）
10 小时 30 分钟（105 kbps）	17 小时 10 分钟（64 kbps）
16 小时 50 分钟（66 kbps）	23 小时 20 分钟（48 kbps）

MP3
4 小时 00 分钟（256 kbps）
8 小时 00 分钟（128 kbps）

* 若 MP3 文件管理器软件从内置闪存中被删除，则应用 ATRAC3 和 ATRAC3plus 的值。

取样频率

ATRAC3，ATRAC3plus，MP3：44.1 kHz

音频压缩技术

Adaptive Transform Acoustic Coding3（ATRAC3）
Adaptive Transform Acoustic Coding3plus（ATRAC3plus）
MPEG1 Audio Layer-3（MP3）：8-320kbps，兼容可变比特率

频率响应

20 – 20,000 Hz（单一信号测量）

输出

耳机：立体声迷你插孔

信噪比（S/N）

80 dB 或以上（不包括 ATRAC3 66 kbps）

动态范围

85 dB 或以上（不包括 ATRAC3 66 kbps）

操作温度

5℃-35℃

电源

LR03（尺寸AAA）碱性电池

电池使用时间（连续播放）

ATRAC3 格式：约 70 小时
ATRAC3plus 格式：约 60 小时
MP3 格式：约 50 小时

尺寸

56 × 37.3 × 15 mm
（宽/高/深，不包括突出部件）

重量

约 40 g（不含电池）

随赠的附件

耳机（1）
专用 USB 电缆（1）
便携袋（1）
颈带（1）
耳机套（尺寸 S，L）（NW-E70/E90）（1）
耳机延长线（1）
CD-ROM（1）
使用说明书（1）
SonicStage 使用说明书（1）

设计和规格随时更改，恕不另行通知。

美国和国外专利由 Dolby Laboratories 许可。

术语

MagicGate

由识别和加密技术组成的版权保护技术。识别技术可确保受保护的内容仅在相关设备和媒介间传送，且确保受保护的内容通过加密格式录制和传送，以防止未经授权的复制或播放。

注意事项

MAGICGATE 是 Sony 开发的代表版权保护系统的术语。它不能保证其它媒介之间的转换。

OpenMG

在个人计算机上安全管理音乐分发服务或音频 CD 内容的版权保护技术。通过应用安装在计算机上的 OpenMG 软件，对数码音频内容在录制到硬盘时进行加密。这样您可在计算机上欣赏音乐，同时防止该音乐通过互联网（或其它途径）进行未经授权的内容分发。这项计算机版权保护是遵照了“MagicGate”，您可将数码音频内容从个人计算机硬盘传送到符合的设备上。

SonicStage

在个人计算机上安全管理音乐分发服务或音频 CD 内容的版权保护技术。通过应用安装在计算机上的 OpenMG 软件，对数码音频内容在录制到硬盘时进行加密。这样您可在计算机上欣赏音乐，同时防止该音乐通过互联网（或其它途径）进行未经授权的内容分发。这项计算机版权保护是遵照了“MagicGate”，您可将数码音频内容从个人计算机硬盘传送到符合的设备上。

ATRAC3

ATRAC3 代表 Adaptive Transform Acoustic Coding3，是一种满足高声音品质和高压缩率需求的音频压缩技术。
ATRAC3 压缩率约为音频 CD 的 10 倍，增加了媒介的数据容量。

ATRAC3plus

ATRAC3plus 代表 Adaptive Transform Acoustic Coding3plus，是 比 ATRAC3 压缩数据更高的音频压缩技术。ATRAC3plus 是新的音频压缩技术，其声音质量达到并超过 ATRAC3 水平。

Bit rate（比特率）

表示每秒数据量。比特率用 bps（bit per second）表示。

64 kbps 意味着每秒信息量 64000 比特。若比特率较大，意味着播放音乐使用了大量信息。与相同格式的音乐相比(例如：ATRAC3plus)，64 kbps 数据比 48 kbps 数据提供更好的声音品质。但是，MP3 等格式音频文件有不同的编码方法，因此声音品质不能简单地从比较比特率进行判断。

MP3

MP3 代表 MPEG-1 Audio Layer-3，是一种音乐文件压缩的格式标准。 由 ISO（International Organization for Standardization）的工作组 Motion Picture Experts Group 编纂。
它将音频 CD 数据压缩至约原来尺寸的十分之一。因为 MP3 编码运算法则已公开使用，所以现在有许多与此标准相兼容的编码器和解码器。

菜单列表

按 MENU 钮显示菜单模式，使用往复开关（转动：选择/按：确认）改变您的 Network Walkman 的设置。

每个菜单的详细信息，请参阅括号内的页码。有“>”标记的菜单在您按往复开关确认时，将附有一个详细设置屏幕。

显示 （菜单模式）	目的
REPEAT MODE > （重复模式）	您可选择喜爱的重复模式。（第 14 页）
DISPLAY > （显示模式）	您可选择喜爱的显示模式。（第 17 页）
VOL: （预置音量）	您可预置您期望的音量电平。（第 24 页）
SOUND > （数字声音预置）	您可预置您期望的声音质量。（第 19 页）
AVLS： （自动音量限制系统）	您可设置为“ON”或“OFF”。（第 24 页）
BEEP: （操作音设置）	您可设置为“ON” 或“OFF”。（第 26 页）
LIGHT: （LCD 背景照明设置）	“OFF”：总是关闭。 “ON”：在每次操作后开启 3 秒钟。（第 26 页）
DATE-TIME （当前时间设置）	您可设置和显示当前时间。（第 23 页）
PC CLK: （调节时间设置为计算机内置时钟）	您可将 Network Walkman 时间设置调节为计算机内置时钟。（第 22 页）

显示 （菜单模式）	目的
FORMAT > （格式化内存）	您可以格式化内置闪存。（第28页）
REGROUP > （数据重新分组）	您可恢复组群功能。（第 27 页）
[RETURN]	您可通过选择 [RETURN] 和按 ►■ 钮切换为普通模式。

MP3 文件管理器有何作用

使用 MP3 文件管理器软件可以方便地将 MP3 音频文件以相同的格式（MP3）传送到您的 Network Walkman，而 SonicStage 软件是将 MP3 音频文件转换为 ATRAC3 或 ATRAC3plus 格式。

Network Walkman 在出厂时预装了 MP3 文件管理器软件；因此不再需要安装。

但是，在使用 MP3 文件管理器软件之前，必须用附赠的 CD-ROM 在计算机上安装 SonicStage 软件。您只有先安装了 SonicStage 软件（在附赠的 CD-ROM 中），计算机才能识别出 Network Walkman。如果您使用未安装 SonicStage 软件的计算机，则您需要为您的 Network Walkman 从 Sony 客户服务网站（http://www.css.ap.sony.com/）安装驱动程序文件。

系统要求

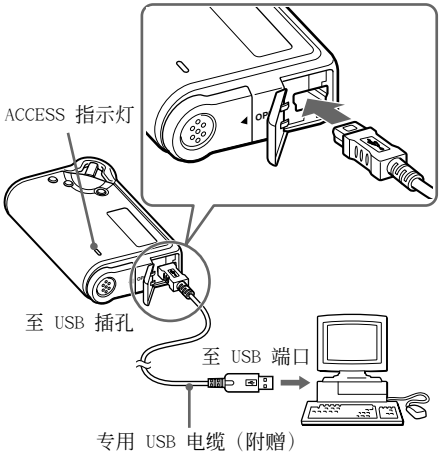
- **操作系统**：Windows XP Professional
  Windows XP Home Edition
  Windows 2000 Professional
  （简体中文）
- **CPU**：Pentium II 400MHz 或更高
- **RAM**：64MB 或更大
- **HDD**：5MB或更大
- **显示器**：16位色彩或更高色彩或更高位数
  800 x 600点或更高
- **USB 端子**（支持 USB（以前称作 USB1.1））

将 MP3 音频文件从计算机传送至 Network Walkman

1 将您的 Network Walkman 与计算机连接。

将附赠的专用 USB 电缆上的小的连接器接入 Network Walkman 上的 USB 插孔，然后将大的连接器接到您计算机的 USB 端口。

显示屏上出现“CONNECT”。



2 单击您计算机上的［我的电脑］-［可移动磁盘：］*。

*在 Windows XP Professional/Windows XP Home Edition 的情况中为[Memory Stick - MG]

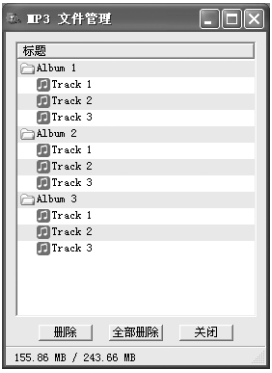
3 单击可移动磁盘中的［Esys］文件夹。

4 双击运行［MP3FileManager.exe］。

接下页

5 将您所希望传送到Network Walkman的MP3音频文件拖放到MP3文件管理器画面中。

您也可以通过拖动文件夹将 MP3格式的音频文件传送到您的 Network Walkman上。



如果由于格式化等原因， MP3文件管理器被意外删除，您可以通过以下步骤用所附赠的CD-ROM来进行恢复：

1 用 USB电缆将Network Walkman连接至计算机。
2 将附赠的 CD-ROM插入计算机。
3 打开 CD-ROM，选择［ MP3FileManager ］并用Windows Explorer打开。
4 选择适合您的计算机操作系统的文件夹（［ English ］、［ Korean ］［ Simplified Chinese ］，并用Windows Explorer打开。
5 双击安装文件（[MP3FileManager_1.1_Update_ENU.exe ］、［MP3FileManager_1.1_Update_KOR.exe］、［MP3FileManager_1.1_Update_CHN.exe］）。开始安装。
请按安装向导中的指示操作。

（您也可以从 Sony客户服务网站［ http://www.css.ap.sony.com/］上下载 MP3文件管理器软件。）

注意事项

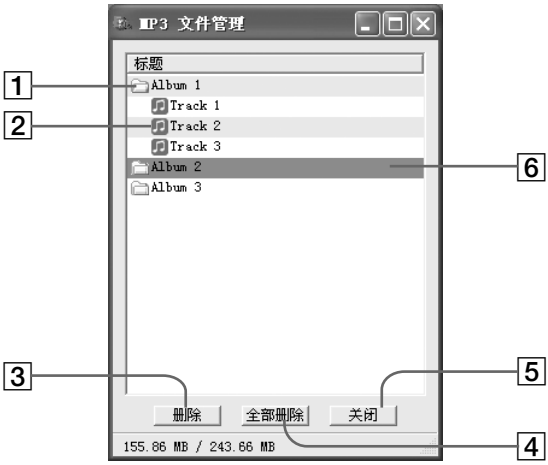
- 当 MP3文件管理器软件运行时，请勿断开 USB电缆或移除Network Walkman。否则无法保操作。
- 当您的 Network Walkman接入计算机时， ACCESS指示灯闪烁。
- 当ACCESS指示灯闪烁时，请勿断开 USB电缆或移除Network Walkman。否则传送中的数据会被破坏。
- 当您使用 Windows 2000操作系统时，请安装Service Pack 3或更高版本。
- 在 Network Walkman中，将优先显示 ID3 Tag信息。（ ID3 Tag是一种格式，用于将音乐标题或艺术家姓名等信息添加到 MP3文件中。 Network Walkman 支持的版本有1.0/1.1/2.2/2.3/2.4。）
- 当Network Walkman 使用 USB 集线器或USB延长线时，其操作将不予保证。请仅使用专用的 USB 电缆将您的 Network Walkman 直接与计算机连接。
- 某些连接至计算机的 USB 装置可能会干扰您的Network Walkman 的正确操作。
- 当与计算机连接时，您的 Network Walkman 上的控制钮都将无效。
- 当 Network Walkman 与计算机连接时，您可使用Windows Explorer 显示储存在内置闪存上的数据。
- 与 MP3文件管理器软件相兼容的 MP3音频文件的采样频率为44.1 kHz，比特率为8 -320 kbps。

在多语言支持方面

能否通过 MP3 文件管理器显示多种语言取决于所使用电脑的操作系统。为了显示您需要的语言，请检查电脑操作系统使用的版本是否兼容您所希望显示的语种。

– 不能保证 MP3 文件管理器可以正确显示所有的语言。
– 用户自定义的字符和某些特殊字符可能不能显示。

MP3 文件管理器屏幕



1 专辑列表

双击此处显示包含的曲目列表。再次双击则隐藏曲目列表。

2 曲目列表

3 删除

单击此按钮，删除选中的专辑或曲目。

4 全部删除

单击此按钮删除全部专辑或曲目。

5 关闭

单击此按钮，关闭 MP3 文件管理器。

6 选中行变蓝

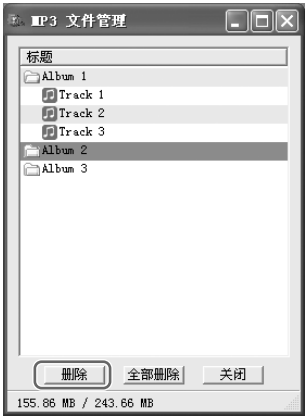
您可通过使用 CTRL 键或上档键同时选中几张专辑或几首曲目。

注意事项

在 MP3 文件管理器屏幕上不显示使用 SonicStage 软件传送到内置闪存的音频文件。另外，在 SonicStage 软件屏幕上也不显示使用 MP3 文件管理器软件传送到内置闪存的音频文件。

删除音频文件

在 MP3 文件管理器中，您可按曲目或专辑删除储存在内置闪存中的歌曲。



1 打开 MP3 文件管理器。

2 选中您要删除的标题。

3 单击屏幕上的删除按钮。

提示

您可通过使用 CTRL 键或上档键同时选中几张专辑或几首曲目。但是，专辑和曲目无法同时选中。

音频文件排序

在 MP3 文件管理器中，您可按曲目或专辑移动储存在内置闪存中的歌曲。

1 打开 MP3 文件管理器。

2 选中您要移动的标题。

3 拖放移动。

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