SONY

WALKMAN

Operation Guide

NW-E013 / E015 / E016 / E013F / E015F / E016F

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3-093-019-**12** (1)

About the Manuals

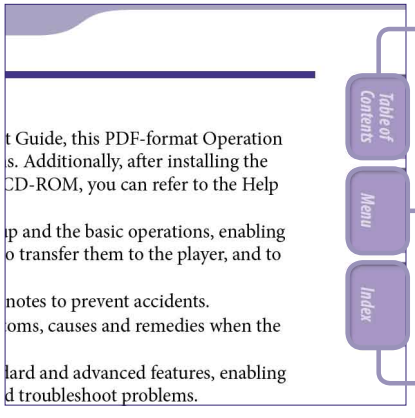
Included with the player are Quick Start Guide, this PDF-format Operation Guide, Troubleshooting and Precautions. Additionally, after installing the SonicStage software from the supplied CD-ROM, you can refer to the Help within SonicStage.

- The Quick Start Guide explains set up and the basic operations, enabling you to import songs to a computer, to transfer them to the player, and to play them back.
- The Precautions explains important notes to prevent accidents.
- The Troubleshooting explains symptoms, causes and remedies when the player has problems.
- This Operation Guide explains standard and advanced features, enabling you to make full use of the player and troubleshoot problems.
- SonicStage Help explains details about using the SonicStage software (☞ page 3).

Browsing the Operation Guide

To use the buttons in the Operation Guide

Click the buttons located in the upper right of this manual to jump to Table of Contents, HOME Menu List, or Index.



Jumps to the table of contents
Find what you are looking for from a list of topics in the manual.

Jumps to the home menu list
Find what you are looking for from a list of the option items in the player's menu.

Jumps to the index
Find what you are looking for from a list of key words mentioned in the manual.

Continued ⇩

Hints

- You can jump to the indicated page by clicking a page number in the table of contents, in the home menu list, or in the index.
- You can jump to the indicated page by clicking a page reference indication (e.g. ☞ page 4) on each page.
- To search for a reference page by keyword, click the "Edit" menu, select "Search" of the Adobe Reader to display the navigation frame, type the keyword into the Search text box, and click "Search."
- Once you jump to another page, you can jump to the previous or next page by clicking the or button located at bottom of the Adobe Reader screen.
- Operation procedure may differ, depending on your Adobe Reader version.

To change the page layout

The buttons at the bottom of the Adobe Reader screen enable you to select how pages are displayed.

Single Page
Pages are displayed one at a time. When you scroll, the display changes to a previous or succeeding page.

Continuous
Pages are displayed as a continuous roll of pages.
When you scroll, the previous and next pages scroll up or down continuously.

Continuous - Facing
Two pages are displayed side by side with each pair part of a continuous roll of pages. When you scroll, the previous and next pairs of pages scroll up or down continuously.

Facing
Two pages are displayed side by side. When you scroll, the display changes to previous or succeeding pairs of pages.

Using SonicStage Help

See the supplied SonicStage Help for details about using SonicStage, such as importing songs to your computer and transferring songs to the player.

1 Click "Help" – "SonicStage Help" while SonicStage is running.
Help appears.

Note

- In SonicStage Help, the player is referred to as "ATRAC Audio Device."

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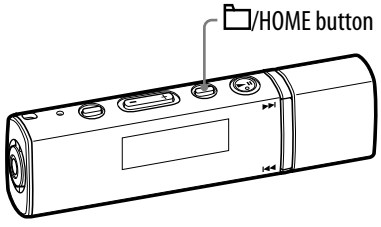
Note

- Depending on the country/region in which you have purchased the player, some models may not be available.

HOME Menu List

You can display the HOME menu by pressing and holding the /HOME button of the player.
The HOME menu is the starting point to play audio, search for songs, and change settings such as follows.



HOME menu*1

*1 5 of the 7 icons appear in the display with the current selection in the center. The current icon changes depending on the function you use. By pressing the ⏮/⏭ button, you can select an icon and press the ▶II button to confirm.

(Search) 21
- Song 21
- Artist 22
- Album 23
- Genre 24
- Release Year 25

(Jacket Search) 26

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(FM)*2 59

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  - USB Bus Powered 51
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*2 NW-E013F/E015F/E016F only.

Supplied Accessories

Please check the accessories in the package.

- ☐ Headphones (1)
- ☐ CD-ROM*1 (1)
  - SonicStage software
  - Operation Guide (PDF file)
- ☐ Quick Start Guide (1)
- ☐ Precautions (1)
- ☐ Troubleshooting (1)

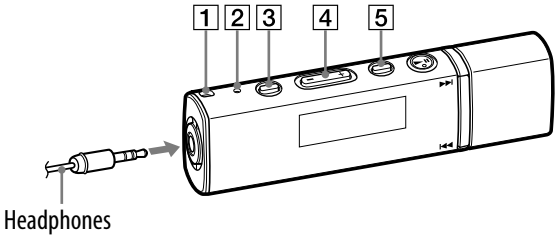
*1 Do not attempt to play this CD-ROM in an audio CD player.

About the serial number

The serial number provided for this player is required for the customer registration. The number is shown on the rear of the player.
You can also check the serial number on this player (☞ page 55).

Parts and Controls

Front



1 Strap hole

This is used to attach a strap (sold separately).

2 RESET button

Resets the player when you press the RESET button with a small pin, etc (☞ page 74).

3 PLAY MODE/SOUND*1 button

Switches the play mode (☞ page 27). Press and hold this button to change the sound quality setting (☞ page 28).

4 VOL +*2/– button

Adjusts the volume.

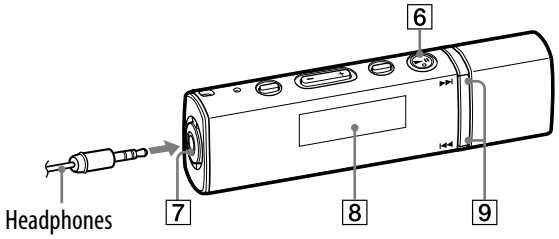
5 🗀/HOME*1 button

When you press this button while playing or pausing a song, you can switch between Song control mode and Folder mode. In Song control mode, the player skips to the beginning of the song. In Folder mode, the player skips to the beginning of the album/artist. Press and hold this button to display the HOME menu.

Continued ⇩

*1 Functions which are marked ○ near the buttons are activated if you press them. Likewise functions marked ⬭ near the buttons, are activated if you press and hold them.

*2 There are tactile dots. Use them to help with button operations.



6 ►II*1 button

Starts song playback. When starting playback, ► appears in the display, and if the ►II button is pressed again, II appears and playback pauses.
When a menu appears on the display, use this button to confirm the item of the menu.

To turn off the power

When you pause song playback or FM reception (NW-E013F/E015F/E016F only) by pressing the ►II button, after a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.
The player consumes very little battery power.

7 Headphone jack

For connecting the headphones.
Connect until it clicks into place.
If connecting the headphones improperly, it may not sound right.

8 Display

See ☞ page 11.

9 I◄◄/►►I button

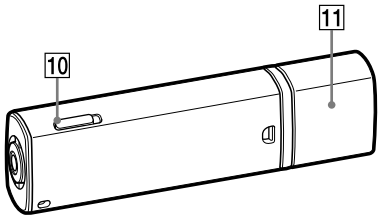
Selects a song, album, artist, or menu item. You can also skip to the beginning of the song/album/artist, fast-forward or fast-rewind as follows.

- Pressing the I◄◄ (►►I) button: Skips to the beginning of the current (or next) song/album/artist.
- Pressing and holding the I◄◄ (►►I) button during playback and releasing it at the desired point in Song control mode: Fast-rewinds (or fast-forwards) the current song.
- Pressing and holding the I◄◄ (►►I) button soon after entering pause mode: Skips to the beginning of the current (or next) song/album/artist, and if held longer, continues to skip through the previous (or next) song/album/artist.

*1 There are tactile dots. Use them to help with button operations.

Continued ⇩

Rear



10 HOLD switch

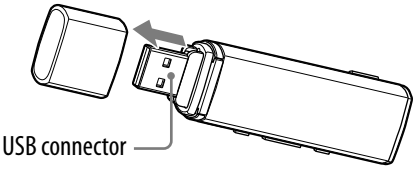
You can protect the player against accidental operation by using the HOLD switch when carrying it. By sliding the HOLD switch in the direction of the arrow (▷), all operation buttons are disabled. If you press buttons while the HOLD function is activated, “HOLD” appears in the display. If you slide the HOLD switch to the opposite position, the HOLD function is released.

11 USB cap

Remove the USB cap and connect the USB connector of the player to a USB port on your computer.

To remove the USB cap

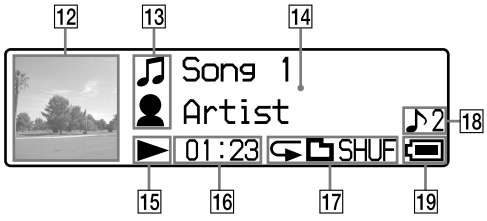
Remove the USB cap as shown below.



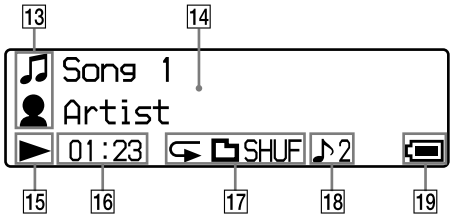
Continued ⇩

Display

When selecting Jacket Mode ON (Default setting)



When selecting Jacket Mode OFF



12 Cover art display

Displays the cover art (jacket picture) of an album after you register the cover art and transfer songs from SonicStage. You can set the cover art to not display (☞ page 40).
For details on how to register cover art, refer to SonicStage Help.

13 Icon indication

For the Song control mode, displays ♫ on the first line, and displays ◎ or ● according to the song order setting (☞ page 36) on the second line.
For the Folder mode, displays an icon of the category set in the song order (☞ page 36) on the first line, and displays ◎ or ● on the second line.
When selecting the Folder mode during playback of a playlist (☞ page 13), displays the selected playlist (▶: playlist created by SonicStage, 100: favorite 100 songs, and ▶: the latest transferred album) on the first line.

14 Text/graphic information display

Displays the album title, artist name, song title, current date and time, messages and menu.
To change the display mode, proceed to the "Display Mode" menu (☞ page 38).
Switch the display to power save mode when you do not operate the player for a while (☞ page 52).

15 Playing status indication

Displays the current play mode (▶: playback, ❚❚: pause, ◀◀ (▶▶): fast-rewinds (fast-forwards), ⏮ (⏭): skips to the beginning of the current (or next) song).

16 Lapse time indication

Displays the elapsed time.

17 Play mode indication (PLAY MODE)

Displays the current play mode icon (☞ page 27). If the play mode is set to Normal, no icon appears.

18 Sound quality setting indication

Displays the current sound quality icon (☞ page 28). If the sound quality is not set, no icon appears.

19 Remaining battery indication

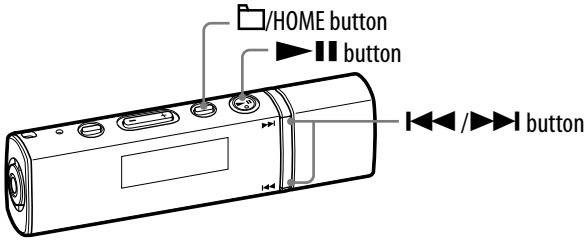
Displays the remaining battery power.

Hint

- For information on the FM tuner (NW-E013F/E015F/E016F only) display, see "Listening to FM Radio" (☞ page 59).

Playing Songs (All Songs)

The transferred songs on the player are played back. “All Songs” is set for the play mode by default.



1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (All Songs), and then press the button to confirm.

Playback starts from the last song you listened to. If you did not play any song, playback starts from the beginning.
Playback continues in order through the last song and then pauses. After a few seconds, “POWER OFF” appears and the display goes off automatically, then the player enters Sleep status.

To skip to the beginning of the song

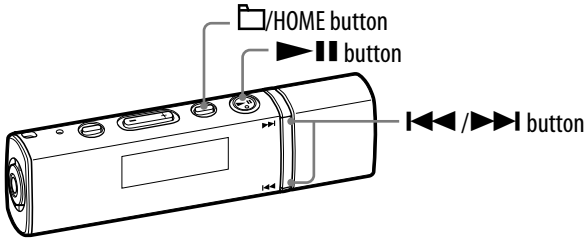
By pressing the (▶▶|) button while playing or pausing a song, the player skips to the beginning of the current (or next) song.
By pressing the /HOME button to change to the Folder mode, and then pressing the (▶▶|) button while playing or pausing a song, the player skips to the beginning of the first song of the current (or next) sort category set by the song order (☞ page 36).

Hints

- You can change the play mode to random, repeat, etc., by pressing the PLAY MODE/ SOUND button (☞ page 27).
- The songs appear in the order that you set in the “Sort” menu (☞ page 36). The songs appear in the album order at the default settings.

Playing Lists of Songs (Playlist Select)

You can play lists of songs (Playlists) created in SonicStage, such as your 100 favorite songs and albums recently transferred.



Notes

- When (Playlist Select) is selected, (Search) and (Jacket Search) do not appear in the HOME menu.
- You cannot change the order of songs in the playlist in the "Sort" menu (page 36).

Playing lists of songs created in SonicStage (Playlists)

You can play lists of songs (Playlists) created in SonicStage. If you change a name in SonicStage, the changed name appears on the player. See SonicStage Help for details.

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Playlist Select), and then press the button to confirm.

The list of playlists appears.

3 Press the / button to select "Playlists," and then press the button to confirm.

Playback starts from the last song you listened to. If you did not play any song, playback starts from the beginning of the playlist created in SonicStage. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Continued ⇩

To skip to the beginning of the song

By pressing the ⏮ (⏭) button while playing or pausing a song, the player skips to the beginning of the current (or next) song.
By pressing the 🗀/HOME button to change to the Folder mode, and then pressing the ⏮ (⏭) button while playing or pausing a song, the player skips to the beginning of the current (or next) playlist.

Hints

- You can change the play mode to random, repeat, etc., by pressing the PLAY MODE/SOUND button (☞ page 27).
- To stop playback of the playlist and then start playing songs other than the playlist, press and hold the 🗀/HOME button until the HOME menu appears and select ♫ (All Songs), and then press the ⏯ button to play.

Continued ⇩

Playing songs from 100 favorite songs (Favorite 100)

A playlist created automatically by SonicStage is played back. When connected to SonicStage, the 100 most frequently-played songs on the player are updated and appear in descending order by how many times they have been played.

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**

2. **Press the ⏮/⏭ button to select (Playlist Select), and then press the ▶II button to confirm.**
   The list of playlists appears.

3. **Press the ⏮/⏭ button to select "Favorite 100," and then press the ▶II button to confirm.**
   Playback starts from the last song you listened to. If you did not play any song, playback starts from the beginning. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

To skip to the beginning of the song

By pressing the ⏮ (⏭) button while playing or pausing a song, the player skips to the beginning of the current (or next) song.
By pressing the 🗀/HOME button to change to the Folder mode, and then pressing the ⏮ (⏭) button while playing or pausing a song, the player skips to the beginning of the first song of "Favorite 100."

Hints

- The 100 most frequently-played songs are updated every time you connect the player to SonicStage.
- If the total number of songs played on the player is less than 100, or if the total number of songs transferred is less than 100, all songs on the player are played.
- You can change the play mode to random, repeat, etc., by pressing the PLAY MODE/SOUND button (☞ page 27).
- To stop playback of the playlist and then start playing songs other than the playlist, press and hold the 🗀/HOME button until the HOME menu appears and select (All Songs), and then press the ▶II button to play.

Continued ⇩

Playing songs from albums recently transferred (Recent Transfers)

You can play albums transferred most recently.

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the ⏮/⏭ button to select 🎵 (Playlist Select), and then press the ▶⏸ button to confirm.**
   The list of playlists appears.
3. **Press the ⏮/⏭ button to select "Recent Transfers," and then press the ▶⏸ button to confirm.**
   Playback starts from the last song you listened to. If you did not play any song, playback starts from the beginning. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

To skip to the beginning of the song

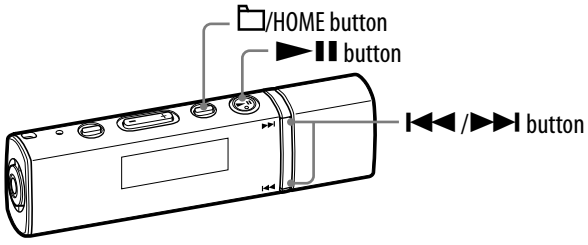
By pressing the ⏮ (⏭) button while playing or pausing a song, the player skips to the beginning of the current (or next) song.
By pressing the 🗀/HOME button to change to the Folder mode, and then pressing the ⏮ (⏭) button while playing or pausing a song, the player skips to the beginning of the first song of the current (or next) sort category.

Hints

- You can change the play mode to random, repeat, etc., by pressing the PLAY MODE/SOUND button (☞ page 27).
- To stop playback of the playlist and then start playing songs other than the playlist, press and hold the 🗀/HOME button until the HOME menu appears and select ♫ (All Songs), and then press the ▶⏸ button to play.

Playing Songs in Random Order (Intelligent Shuffle)

The player offers 4 different random modes (also known as shuffle play).



Notes

- The play mode automatically switches to the shuffle mode during "Intelligent Shuffle."
- The display does not change to the one you set as "Display Mode" during "Intelligent Shuffle" (page 38).
- Cover art does not appear during "Intelligent Shuffle."

Playing your 100 favorite songs in random order (My Favorite Shuffle)

The player selects the 100 songs that have been played the most and plays them in random order.

1. **Press and hold the /HOME button until the HOME menu appears.**

2. **Press the / button to select (Intelligent Shuffle), and then press the button to confirm.**
   The "Intelligent Shuffle" mode menu appears.

3. **Press the / button to select "My Favorite Shuffle," and then press the button to confirm.**
   The 100 songs played the most are shuffled, and playback starts.

Continued ⇩

Hints

- By pressing the 🗀/HOME button to change to the Folder mode and press the ⏮ (⏭) button, the 100 most frequently played songs are reshuffled and played back from the first song.
- The 100 most frequently-played songs are updated every time you connect the player to SonicStage.
- If the total number of songs transferred on the player is less than 100, all songs on the player are played in random order.
- To stop "Intelligent Shuffle" and then start playing songs in another play mode, press and hold the 🗀/HOME button until the HOME menu appears and select ♫ (All Songs), and then press the ⏯ button to play.

Playing similar genre songs to the selected artist in random order (Artist Link Shuffle)

The player randomly selects an artist, searches similar genre songs to the selected artist (Artist Link Shuffle), and plays them in random order.

1 Press and hold the 🗀/HOME button until the HOME menu appears.

2 Press the ⏮/⏭ button to select (Intelligent Shuffle), and then press the ⏯ button to confirm.
The "Intelligent Shuffle" mode menu appears.

3 Press the ⏮/⏭ button to select "Artist Link Shuffle," and then press the ⏯ button to confirm.
An artist is randomly selected, similar genre songs to the selected artist are shuffled, and played back.

Hints

- By pressing the 🗀/HOME button to change to the Folder mode and press the ⏮ (⏭) button, an artist is selected randomly, and similar genre songs to the selected artist are reshuffled and played back from the first song.
- To stop "Intelligent Shuffle" and then start playing songs in another play mode, press and hold the 🗀/HOME button until the HOME menu appears and select ♫ (All Songs), and then press the ⏯ button to play.

Continued ⇩

Playing songs released in the same year in random order (Time Machine Shuffle)

The player randomly selects a release year and plays all transferred songs of that year in random order.

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**

2. **Press the ⏮/⏭ button to select (Intelligent Shuffle), and then press the ▶II button to confirm.**
   The "Intelligent Shuffle" mode menu appears.

3. **Press the ⏮/⏭ button to select "Time Machine Shuffle," and then press the ▶II button to confirm.**
   A release year is randomly selected, the songs of that year are shuffled, and played back.

Hints

- By pressing the 🗀/HOME button to change to the Folder mode and press the ⏮ (⏭) button, a release year is selected randomly, and the songs of that year are reshuffled and played back from the first song.
- To stop "Intelligent Shuffle" and then start playing songs in another play mode, press and hold the 🗀/HOME button until the HOME menu appears and select ♫ (All Songs), and then press the ▶II button to play.

Continued ⇩

Playing songs in random order for a specified period of time (Sports Shuffle)

The player randomly selects songs from all transferred songs and plays them in random order for a specified duration (between 1 and 99 minutes).

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**

2. **Press the ⏮/⏭ button to select (Intelligent Shuffle), and then press the ▶II button to confirm.**
   The "Intelligent Shuffle" mode screen appears.

3. **Press the ⏮/⏭ button to select "Sports Shuffle," and then press the ▶II button to confirm.**
   The screen to select the playback time appears.

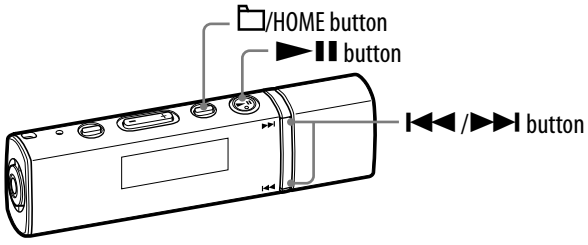
4. **Press the ⏮/⏭ button to select the playback time, and then press the ▶II button to confirm.**
   The selected playback time appears, and songs are randomly selected from all transferred songs and played back.
   Elapsed time appears while playing the song. When the specified period passes, the playback pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hints

- When the specified period has passed and playback pauses, then the ▶II button is pressed to start playback again, the player starts playback in random order for the specified period of time again.
- To stop "Intelligent Shuffle" and then start playing songs in another play mode, press and hold the 🗀/HOME button until the HOME menu appears and select ♫ (All Songs), and then press the ▶II button to play.

Searching for Songs (Search)

You can search for songs by title of songs, artist, albums, and genre, etc.



Searching for songs by song name (Song)

The list of songs is displayed in alphabetical order, numerical order, or in some other order.

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Search), and then press the button to confirm.

3 Press the / button to select "Song>," and then press the button to confirm.

The song lists appear.

4 Press the / button to select a song, and then press the button to confirm.

The song you selected starts playback. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hint

- The play mode (☞ page 27) does not change when (Search) is activated.

Continued ⇩

Searching for songs by artist (Artist)

The list of artists is displayed in alphabetical order, numerical order, or in some other order.

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the I◄◄ /►►I button to select 🔍 (Search), and then press the ►II button to confirm.**
3. **Press the I◄◄ /►►I button to select "Artist>," and then press the ►II button to confirm.**
   The artist list appears.
4. **Press the I◄◄ /►►I button to select an artist, and then press the ►II button to confirm.**
   The album list for the selected artist appears.
5. **Press the I◄◄ /►►I button to select an album, and then press the ►II button to confirm.**
   The song list for the selected album appears.
6. **Press the I◄◄ /►►I button to select a song, and then press the ►II button to confirm.**
   The song you selected starts playback. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hints

- The play mode (☞ page 27) does not change when 🔍 (Search) is activated.
- If the artist name starts with "The (space)" or "The •," the introductory "The (space)" or "The •" is ignored in sorting the artist list by name.

Continued ⇩

Searching for songs by album (Album)

The list of albums is displayed in alphabetical order, numerical order, or in some other order.

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the I◄◄ /►►I button to select 🔍 (Search), and then press the ►II button to confirm.**
3. **Press the I◄◄ /►►I button to select "Album>," and then press the ►II button to confirm.**
   The album list appears.
4. **Press the I◄◄ /►►I button to select an album, and then press the ►II button to confirm.**
   The song list for the selected album appears.
5. **Press the I◄◄ /►►I button to select a song, and then press the ►II button to confirm.**
   The song you selected starts playback. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hint

- The play mode (☞ page 27) does not change when 🔍 (Search) is activated.

Continued ⇩

Searching for songs by genre (Genre)

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the ⏮/⏭ button to select 🔍 (Search), and then press the ⏯ button to confirm.**
3. **Press the ⏮/⏭ button to select "Genre>," and then press the ⏯ button to confirm.**
   The genre list appears.
4. **Press the ⏮/⏭ button to select a genre, and then press the ⏯ button to confirm.**
   The artist list for the selected genre appears.
5. **Press the ⏮/⏭ button to select an artist, and then press the ⏯ button to confirm.**
   The album list for the selected artist appears.
6. **Press the ⏮/⏭ button to select an album, and then press the ⏯ button to confirm.**
   The song list for the selected album appears.
7. **Press the ⏮/⏭ button to select a song, and then press the ⏯ button to confirm.**
   The song you selected starts playback. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hint

- The play mode (☞ page 27) does not change when 🔍 (Search) is activated.

Continued ⇩

Searching for songs by release year (Release Year)

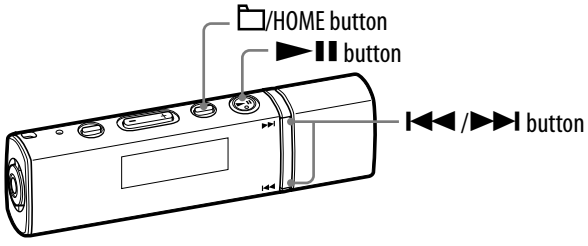
1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the ⏮/⏭ button to select 🔍 (Search), and then press the ⏯ button to confirm.**
3. **Press the ⏮/⏭ button to select "Release Year>," and then press the ⏯ button to confirm.**
   The release year list appears.
4. **Press the ⏮/⏭ button to select a year, and then press the ⏯ button to confirm.**
   The artist list for the selected release year appears.
5. **Press the ⏮/⏭ button to select an artist, and then press the ⏯ button to confirm.**
   The song list for the selected artist appears.
6. **Press the ⏮/⏭ button to select a song, and then press the ⏯ button to confirm.**
   The song you selected starts playback. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hint

- The play mode (☞ page 27) does not change when 🔍 (Search) is activated.

Searching for Albums by Cover Art (Jacket Search)

You can search for songs by album cover art (jacket picture) after you register the album cover art and transfer songs from SonicStage. For details on how to register cover art, refer to SonicStage Help.



Notes

- The song order is always listed in the album order when you search songs by (Jacket Search).
- If no cover arts have been registered, a preinstalled image in the player appears.
- Cover art you register for playlist or song does not appear on the player.
- When "Jacket Search" is activated during playback of songs, the song of "All Songs" stops playing back.

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Jacket Search), and then press the button to confirm.

The cover art list appears and at the same time the first song of the selected album can be monitored.
If you press the / button, you can go forward or backward one cover art at a time.

3 Press the / button to select an album, and then press the button to confirm.

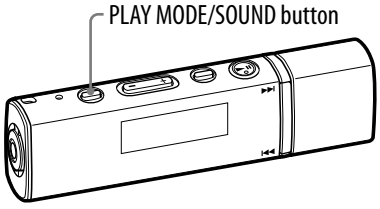
The first song of the selected album starts playback. Playback continues in order through the last song and then pauses. After a few seconds, "POWER OFF" appears and the display goes off automatically, then the player enters Sleep status.

Hint

- The play mode (☞ page 27) does not change when (Jacket Search) is activated.

Changing the Play Mode (PLAY MODE)

The player offers a variety of play modes, including random play and selected repeat play.



1 Press the PLAY MODE/SOUND button repeatedly to select the desired play mode.

List of play modes

Play mode type/Icon	Description
Normal/No icon	All transferred songs after the current song are played once. (Default setting)
Folder/🗀	All transferred songs of a sort category set by the song order (☞ page 36), including the current song are played once.
Repeat All (all repeat)/🔁	All transferred songs after the current song are played repeatedly.
Repeat Folder (folder repeat)/🔁🗀	All transferred songs of a sort category set by the song order (☞ page 36), including the current song are played repeatedly.
Repeat 1 Song (one song repeat)/🔁1	The current song is played repeatedly.
Repeat Shuffle All (all song shuffle repeat)/ 🔁SHUF	All transferred songs after the current song are played in random order.
Repeat Shuffle Folder (folder shuffle repeat)/ 🔁🗀SHUF	The current song is played, and then all transferred songs of a sort category set by the song order (☞ page 36), including the current song are played in random order.

Setting the Sound Quality (Sound)

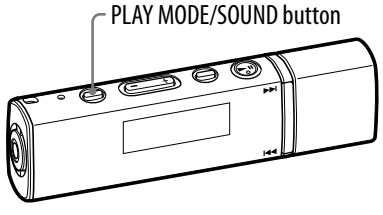
You can preset 2 sound quality settings and switch between them during playback or in pause mode by pressing the PLAY MODE/SOUND button. Furthermore, you can set the sound quality setting according to the music genre, etc. by choosing an item of "Equalizer." When you set "Clear Bass," you can hear clear sound without distortion. It is recommended to use "Clear Bass" when you adjust the volume up or emphasize the bass sound of "Equalizer."

Selecting the sound quality (Equalizer • Clear Bass)

You can select preset sound quality settings from either "Equalizer" or "Clear Bass."

Default settings

Sound quality (Indication)	Sound 1 (♪1)	Sound 2 (♪2)	Sound OFF (None)
Equalizer	EQ Custom (0, 0, 0, 0, 0)	EQ Custom (0, 0, 0, 0, 0)	Off
Clear Bass (bass)	+1	+3	0

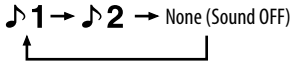


Note

- You cannot select the sound quality setting while using the FM tuner (NW-E013F/E015F/E016F only).

1 Press and hold the PLAY MODE/SOUND button.

Each time the button is pressed, the sound quality setting is changed as follows:



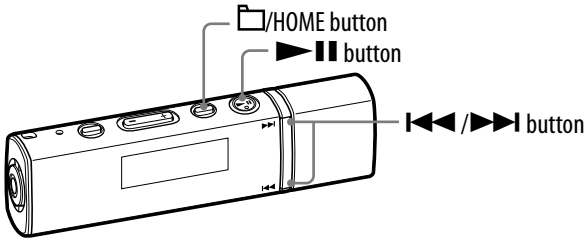
To return to normal sound quality

Select "None (Sound OFF)."

Continued ⇩

Changing the sound quality (Equalizer)

You can set your desired sound quality for each of “Sound1” and “Sound2,” according to the music genre, etc.



Note

- You cannot change the sound quality while using the FM tuner (NW-E013F/E015F/E016F only).

1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Sound>,” and then press the button to confirm.**
4. **Press the / button to select “Equalizer>,” and then press the button to confirm.**
5. **Press the / button to select “└Edit>” displayed under “Sound 1” or “Sound 2” to change, and then press the button to confirm.**
   The list of equalizer settings appears.
6. **Press the / button to select your desired Equalizer setting, and then press the button to confirm.**
   For details of each equalizer option, see ☞ page 30.

To return to the previous menu

Press the /HOME button.

Continued ⇩

List of Equalizer settings

Setting item	Description
EQ Heavy	Emphasizes high and low ranges for a powerful sound.
EQ Pop	Stresses the middle range audio, ideal for vocals.
EQ Jazz	Emphasizes high and low ranges for a lively sound.
EQ Unique	Emphasizes high and low ranges, so that a small sound can be listened easily.
EQ Custom	User-customizable sound settings. See ☞ page 31 for setting. (Default setting)

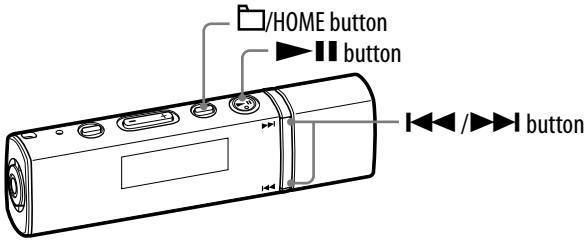
Notes

- If the sound quality setting you choose is distorted when you turn up the volume, turn it down.
- If your personal settings saved as “EQ Custom” seem to produce a different volume level than the other settings, you may have to adjust the volume manually to compensate.

Continued ⇩

Setting the EQ Custom values

You can preset the value of “Clear Bass” (bass) and 5 bands “Equalizer” as “Sound1” or “Sound2” while looking at the player’s screen.



Notes

- If the “EQ Custom” value is set in “Equalizer” of the Setting menu, the “EQ Custom” setting is applied to the sound.
- You cannot set the “EQ Custom” values while using the FM tuner (NW-E013F/E015F/E016F only).

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select “Sound>,” and then press the button to confirm.

4 Press the / button to select “Equalizer>,” and then press the button to confirm.

5 Press the / button to select “└Edit>” displayed under “Sound 1” or “Sound 2” to change, and then press the button to confirm.

The list of equalizer options appears.

Continued ⇩

6 **Press the I◄◄ /►►I button to select "└ Edit>" displayed under "EQ Custom," and then press the ►II button to confirm.**

The slider of "Clear Bass" appears highlighted.
"Clear Bass" can be set to any of 4 sound levels.

7 **Press the I◄◄ /►►I button to set the "Clear Bass" value, and then press the ►II button to confirm.**

The slider of "Equalizer" appears highlighted.
"Equalizer" can be set to any of 7 sound levels.

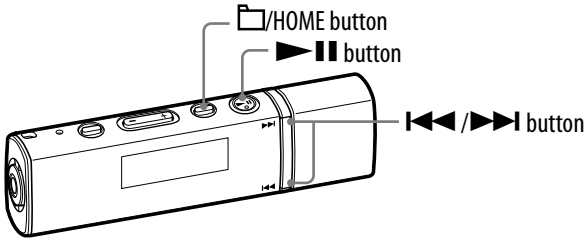
8 **Press the I◄◄ /►►I button to select the "Equalizer" value, and then press the ►II button to confirm.**

To return to the previous menu

Press the 🗀/HOME button.

Making the Sound More Vibrant (VPT)

You can select from “VPT Studio,” “VPT Live,” “VPT Club” or “VPT Arena” to make the sound even more vibrant.



Note

- This setting cannot be made while using the FM tuner (NW-E013F/E015F/E016F only).

1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Sound>,” and then press the button to confirm.**
4. **Press the / button to select “VPT>,” and then press the button to confirm.**
   The list of VPT settings appears.
5. **Press the / button to select your desired VPT setting, and then press the button to confirm.**
   For details of each VPT option, see the following list.

To return to the previous menu

Press the /HOME button.

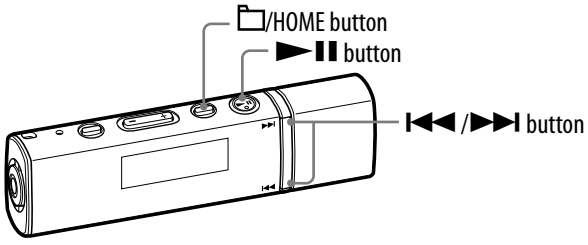
List of VPT settings

Sound becomes more vibrant in this order: “VPT Studio” → “VPT Live” → “VPT Club” → “VPT Arena”

Setting item	Description
VPT Studio	Creates the sound of a recording studio.
VPT Live	Creates the sound of a concert hall.
VPT Club	Creates the sound of a club.
VPT Arena	Creates the sound of an arena.
VPT OFF	VPT setting is not activated. (Default setting)

Listening with Clear Stereo Sound (Clear Stereo)

"Clear Stereo" enables individual left and right digital processing of the sound.



1. **Press and hold the /HOME button until the HOME menu appears.**

2. **Press the / button to select (Settings), and then press the button to confirm.**

3. **Press the / button to select "Clear Stereo>," and then press the button to confirm.**

4. **Press the / button to select the setting, and then press the button to confirm.**
   - Clear Stereo ON: Plays back clearly the sound from the right and left headphones. (Default setting)
   - Clear Stereo OFF: Disables the "Clear Stereo" function and plays back normal sound.

To return to the previous menu

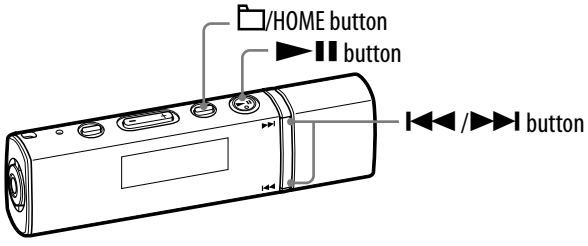
Press the /HOME button.

Notes

- This setting cannot be made while using the FM tuner (NW-E013F/E015F/E016F only).
- The "Clear Stereo" function is set to obtain maximum effect with the supplied headphones. The "Clear Stereo" effect may not be obtained with other headphones. In this case, set "Clear Stereo" to "Clear Stereo OFF."

Adjusting the Volume Level (Dynamic Normalizer)

You can set to reduce the volume level between songs. With this setting, when listening to album songs in the shuffle play mode, the volume level between songs is moderated to minimize the difference in their recording levels.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Advanced Settings>," and then press the button to confirm.**
4. **Press the / button to select "Dynamic Normalizer>," and then press the button to confirm.**
5. **Press the / button to select the setting, and then press the button to confirm.**
   - D. Normalizer ON: Minimizes the difference of the volume level between songs.
   - D. Normalizer OFF: Plays back songs at the original volume level as transferred. (Default setting)

To return to the previous menu

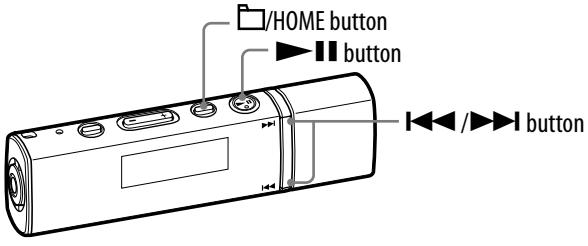
Press the /HOME button.

Note

- This setting cannot be made while using the FM tuner (NW-E013F/E015F/E016F only).

Changing the Song Order (Sort)

You can set the song order by Album order, Albums by artist order, Artist order, Genre order or Release year order.



1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select "Sort>," and then press the button to confirm.

4 Press the / button to select a song order (☞ page 37), and then press the button to confirm.

If you press the /HOME button to change to the Folder mode, the song order appears as an icon.

Sorting status indication

To return to the previous menu

Press the /HOME button.

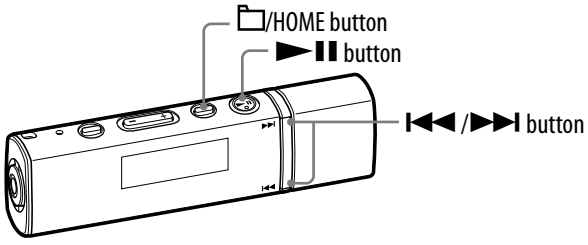
Continued ⇩

List of song order

Setting item/Icon	Description
Sort Album (Album order)/	Songs appear in album order. In the album, songs appear in song number order. In Folder mode, songs are skipped by album. (Default setting)
Sort Artist/Album (Albums by artist order)/	Songs appear in album order by artist. In the album, songs appear in song number order. In Folder mode, songs are skipped by album.
Sort Artist (Artist order)/	Songs appear in artist order. The same artist's songs appear in song number order for each album. In Folder mode, songs are skipped by artist.
Sort Genre (Genre order)/	Songs appear in artist order by genre. The same artist's songs appear in album order, and in the album, songs appear in song number order. In Folder mode, songs are skipped by genre.
Sort Release Year (Release year order)/	Songs appear in artist order by release year. The same artist's songs appear in song title order. In Folder mode, songs are skipped by release year.

Changing the Display Mode (Display Mode)

You can change the display for play or pause mode.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Display Mode>," and then press the button to confirm.**
4. **Press the / button to select the display (page 39), and then press the button to confirm.**

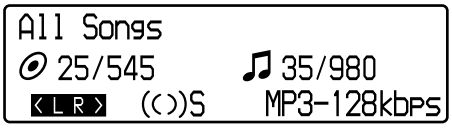
To return to the previous menu

Press the /HOME button.

Continued

List of display types

- Basic: The basic display (Default setting)
- Property: Song information
  Displays the current play mode, the current category* number/total category* number of the playback range, the current song number/total song number of the playback range, 〈 L R 〉 (Clear Stereo icon, ☞ page 34), ((·))S (VPT icon, ☞ page 33), codec (audio format), and bit rate.
  * Changes according to the category set by the song order (☞ page 36).



- Clock: Time information
  Displays the year, month, date, and current time. For information on setting the time, see “Setting the Current Time (Set Date-Time)” (☞ page 46).

Hint

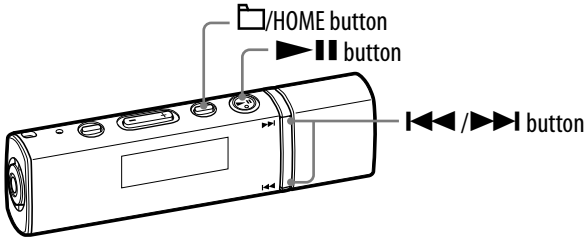
- Set “Power Save Mode” (☞ page 52) to “Save OFF” to show the screen constantly.

Notes

- When “Jacket Mode ON” is set (☞ page 40), cover art appears on the “Basic” display only. For details on how to register cover art, refer to SonicStage Help.
- When the “Clear Stereo” function (☞ page 34) or “VPT” function (☞ page 33) is set to “Clear Stereo OFF” or “VPT OFF,” icons do not appear on the “Property” screen.
- The display does not change to the one you set as “Display Mode” during “Intelligent Shuffle” (☞ page 17) or FM reception (NW-E013F/E015F/E016F only).

Setting the Cover Art Display ON/OFF (Jacket Mode)

You can display the album cover art (jacket picture) after you register the album cover art and transfer songs from SonicStage. For details on registering the cover art, see SonicStage Help.



Notes

- If no cover arts have been registered, a preinstalled image in the player appears.
- Cover art you register for playlist or song does not appear on the player.

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select "Jacket Mode>," and then press the button to confirm.

4 Press the / button to select the setting, and then press the button to confirm.

- Jacket Mode ON: Displays an album cover art. (Default setting)
- Jacket Mode OFF: Does not display an album cover art.

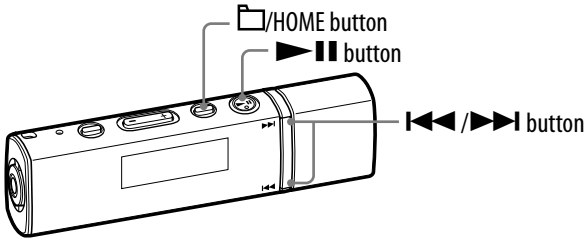
For details on the display, see ☞ page 11.

To return to the previous menu

Press the /HOME button.

Setting the Volume Level (Volume Mode)

There are 2 modes to adjust the volume level.
Manual Volume (Default setting):
Press the VOL +/– button to adjust the volume level from 0 to 30.
Preset Volume:
Press the VOL +/– button to select the volume level to any of 3 preset levels: "Low," "Mid," or "High."



Setting to a Manual Volume (Manual Volume)

1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Advanced Settings>," and then press the button to confirm.**
4. **Press the / button to select "Volume Mode>," and then press the button to confirm.**
5. **Press the / button to select "Manual Volume," and then press the button to confirm.**
   With this setting, you can adjust the volume from 0 to 30 by pressing the VOL +/– button.

To return to the previous menu

Press the /HOME button.

Continued ⇩

Setting a Preset Volume (Preset Volume)

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the ⏮/⏭ button to select 🧰 (Settings), and then press the ⏯ button to confirm.**
3. **Press the ⏮/⏭ button to select "Advanced Settings>," and then press the ⏯ button to confirm.**
4. **Press the ⏮/⏭ button to select "Volume Mode>," and then press the ⏯ button to confirm.**
5. **Press the ⏮/⏭ button to select "Preset Volume," and then press the ⏯ button to confirm.**
   With this setting, you can select the volume level ("Low," "Mid," or "High") by pressing the VOL +/– button.

To return to the previous menu

Press the 🗀/HOME button.

Note

- If "AVLS" (☞ page 44) is set, the actual volume may be lower than the settings. Releasing "AVLS" (AVLS OFF) returns the volume to the preset level.

Continued ⇩

Setting a Preset Volume value

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the I◀◀ /▶▶I button to select 🧰 (Settings), and then press the ►II button to confirm.**
3. **Press the I◀◀ /▶▶I button to select "Advanced Settings>," and then press the ►II button to confirm.**
4. **Press the I◀◀ /▶▶I button to select "Volume Mode>," and then press the ►II button to confirm.**
5. **Press the I◀◀ /▶▶I button to select "└ Edit>" displayed under "Preset Volume," and then press the ►II button to confirm.**
   The "Low" value appears selected.
6. **Press the I◀◀ /▶▶I button to set each value for "Low," "Mid" or "High," and then press the ►II button to confirm.**
   With this setting, you can select the set value of the volume level ("Low," "Mid," or "High") by pressing the VOL +/– button.

To return to the previous menu

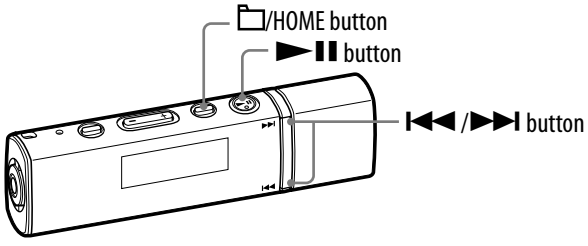
Press the 🗀/HOME button.

Note

- If "AVLS" (☞ page 44) is set, the actual volume may be lower than the settings. Releasing "AVLS" (AVLS OFF) returns the volume to the preset level.

Limiting the Volume (AVLS (Volume Limit))

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. “AVLS OFF” is set by default.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Advanced Settings>,” and then press the button to confirm.**
4. **Press the / button to select “AVLS>,” and then press the button to confirm.**
5. **Press the / button to select “AVLS ON,” and then press the button to confirm.**
   The volume is kept at a moderate level.

To set to off

Select “AVLS OFF” in step 5 and press the button to confirm.

To return to the previous menu

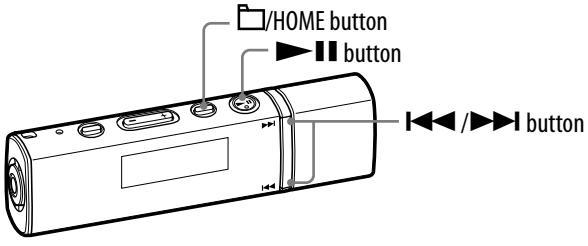
Press the /HOME button.

Hint

- “AVLS” appears by pressing the VOL +/– button if “AVLS” is set to “AVLS ON.”

Turning Off the Beep Sound (Beep)

You can turn off the beep sounds of the player. “Beep ON” is set by default.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Advanced Settings>,” and then press the button to confirm.**
4. **Press the / button to select “Beep>,” and then press the button to confirm.**
5. **Press the / button to select “Beep OFF,” and then press the button to confirm.**

To change the setting to on

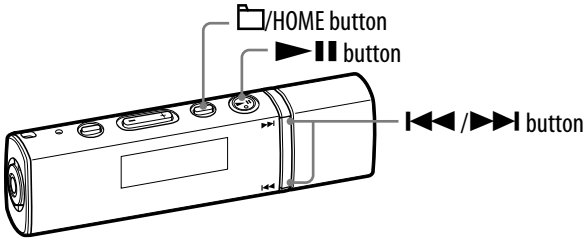
Select “Beep ON” in step 5 and press the button to confirm.

To return to the previous menu

Press the /HOME button.

Setting the Current Time (Set Date-Time)

You can set the current time by adjusting it manually or by synchronizing the time with a device connected to the player, such as a computer, etc.



Selecting the current time setting

1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Advanced Settings>," and then press the button to confirm.**
4. **Press the / button to select "Date-Time>," and then press the button to confirm.**
5. **Press the / button to select "Set Date-Time>," and then press the button to confirm.**
6. **Press the / button to select the setting mode, and then press the button to confirm.**
   - Date-Time Automatic: Synchronizes the date and time of the player with your computer when connecting the player to your computer after starting the SonicStage software. (Default setting)
   - Date-Time Manual: To set the date and time manually. For details, see "Setting the current time manually" (☞ page 48).

Continued ⇩

To return to the previous menu

Press the 🗀/HOME button.

To display the current time

You can display the current time in either of the following ways:

- Set “Clock” in “Changing the Display Mode (Display Mode)” (☞ page 38).
- While the HOLD function is activated, press any button.

Hint

- You can select the date format from among year/month/day, day/month/year, and month/day/year. Furthermore, you can select the time format displayed for the current time from either a “Time 24h” or “Time 12h” display.
  For details, see “Setting the Date Format (Date Disp Type)” (☞ page 49), or “Setting the Time Format (Time Disp Type)” (☞ page 50).

Notes

- If the player is not used for a long time, your settings for date and time may need to be reset.
- If the current time is not set and the display is set to “Clock” (☞ page 39), “--” appears. Even if you press any button while the HOLD function is activated, the time does not appear.

Continued ⇩

Setting the current time manually

1. **Press and hold the 🗀/HOME button until the HOME menu appears.**
2. **Press the ⏮/⏭ button to select 🧰 (Settings), and then press the ⏯ button to confirm.**
3. **Press the ⏮/⏭ button to select "Advanced Settings>," and then press the ⏯ button to confirm.**
4. **Press the ⏮/⏭ button to select "Date-Time>," and then press the ⏯ button to confirm.**
5. **Press the ⏮/⏭ button to select "Set Date-Time>," and then press the ⏯ button to confirm.**
6. **Press the ⏮/⏭ button to select "Date-Time Manual>," and then press the ⏯ button to confirm.**
   The year value appears selected.
7. **Press the ⏮/⏭ button to adjust the year setting, and then press the ⏯ button to confirm.**
   The month value appears selected.
8. **As you did in step 7, adjust the settings for month, date, hour, and minute, and then press the ⏯ button to confirm.**

To return to the previous menu

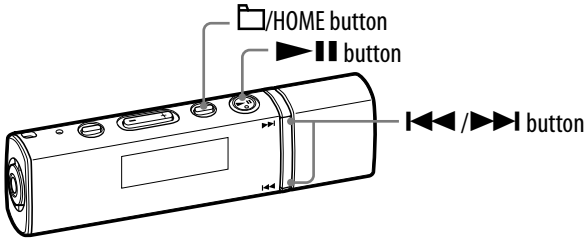
Press the 🗀/HOME button.

Note

- The clock may have accumulated errors of as much as 120 seconds per month (at 25 °C (77 °F)). If the clock shows an incorrect time when "Date-Time Manual" is set, correct the clock manually. When "Date-Time Automatic" is set, the clock is updated every time you connect the player to your computer. It is recommended that you set to "Date-Time Automatic."

Setting the Date Format (Date Disp Type)

You can select the date format displayed for the current time (☞ page 46) from among year/month/day, day/month/year, and month/day/year.



1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select "Advanced Settings>," and then press the button to confirm.

4 Press the / button to select "Date-Time>," and then press the button to confirm.

5 Press the / button to select "Date Disp Type>," and then press the button to confirm.

The screen used to set the display format appears.

6 Press the / button to select the format, and then press the button to confirm.

You can select the format from the following 3 types.

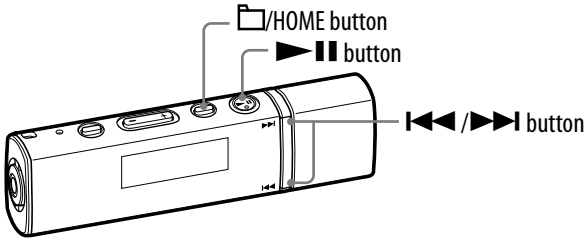
- Date yy/mm/dd: The date appears as year/month/day. (Default setting)
- Date dd/mm/yy: The date appears as day/month/year.
- Date mm/dd/yy: The date appears as month/day/year.

To return to the previous menu

Press the /HOME button.

Setting the Time Format (Time Disp Type)

You can select the time format displayed for the current time (☞ page 46) from either a “Time 24h” or “Time 12h” display.



1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select “Advanced Settings>,” and then press the button to confirm.

4 Press the / button to select “Date-Time>,” and then press the button to confirm.

5 Press the / button to select “Time Disp Type>,” and then press the button to confirm.

The screen used to set the display format appears.

6 Press the / button to select the setting, and then press the button to confirm.

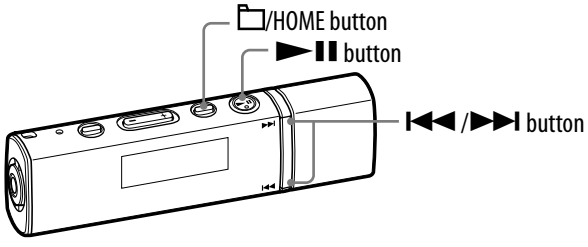
- Time 24h: Displays a 24 hour display. (Default setting)
- Time 12h: Displays a 12 hour display.

To return to the previous menu

Press the /HOME button.

Changing the USB Connection Setting (USB Bus Powered)

Depending on how you are using the computer, if the power supply (USB Bus Power) is insufficient, incomplete data transfer may occur from the computer to the player. In this case, setting the USB connection (USB Bus Powered) to "Low-Power 100mA" may improve data transfer.



Note

- You cannot set this during the USB connection.

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select "Advanced Settings>," and then press the button to confirm.

4 Press the / button to select "USB Bus Powered>," and then press the button to confirm.

5 Press the / button to select the setting, and then press the button to confirm.

- High-Power 500mA: Sets the power rating from computer to 500mA. (Default setting)
- Low-Power 100mA: Sets the power rating from computer to 100mA.

To return to the previous menu

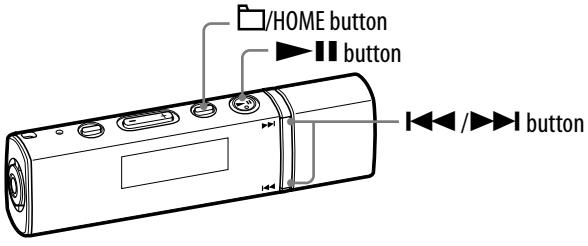
Press the /HOME button.

Hints

- When you connect the player to a laptop computer, we recommend to connect the laptop computer to a power supply.
- The charging time will be longer if the "USB Bus Powered" is set to "Low-Power 100mA."

Setting the Power Save Screen (Power Save Mode)

When you do not operate the player for a specified duration (about 15 seconds), the screen will change to the power save screen. You can change the power save screen settings.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Advanced Settings>," and then press the button to confirm.**
4. **Press the / button to select "Power Save Mode>," and then press the button to confirm.**
5. **Press the / button to select the power save setting, and then press the button to confirm.**

To return to the previous menu

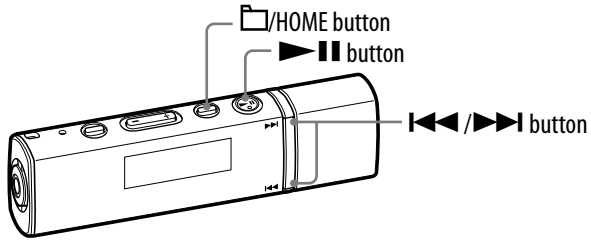
Press the /HOME button.

Lists of the power save setting

Setting item	Description
Save ON Normal	The power save screen appears in the display when no operation is performed for about 15 seconds. (Default setting)
Save ON Super	The screen disappears when no operation is performed for about 15 seconds. This setting uses the least battery consumption.
Save OFF	The icon(s) or letter(s) appears in the display constantly during playback or FM reception (NW-E013F/E015F/E016F only).

Setting the Contrast of the display (Contrast)

You can set the display contrast to one of 15 levels. “0” is set by default.



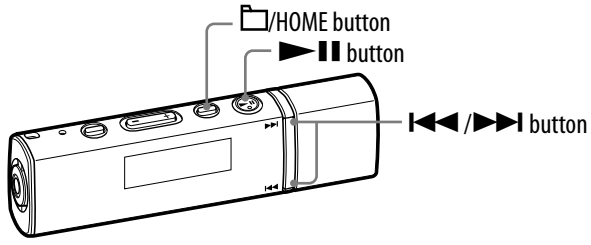
1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Advanced Settings>,” and then press the button to confirm.**
4. **Press the / button to select “Contrast>,” and then press the button to confirm.**
   The contrast adjustment screen appears.
5. **Press the / button to adjust the contrast level, and then press the button to confirm.**

To return to the previous menu

Press the /HOME button.

Setting the Brightness of the display (Brightness)

You can set the display brightness to one of 7 levels. “6” is set by default.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press and hold the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Advanced Settings>,” and then press the button to confirm.**
4. **Press the / button to select “Brightness>,” and then press the button to confirm.**
5. **Press the / button to adjust the brightness level, and then press the button to confirm.**

To return to the previous menu

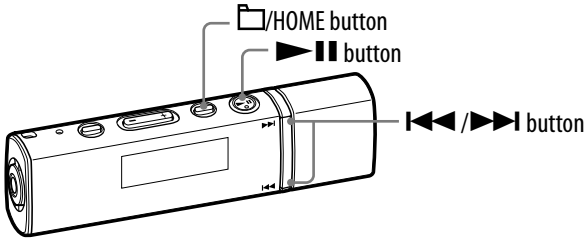
Press the /HOME button.

Note

- You can only set the brightness of the screen for during operation. It is not possible to set brightness for idle periods when the player is not being operated.

Displaying the Player Information (Information)

Information such as model name, built-in flash memory capacity, serial number, and firmware version can be displayed.



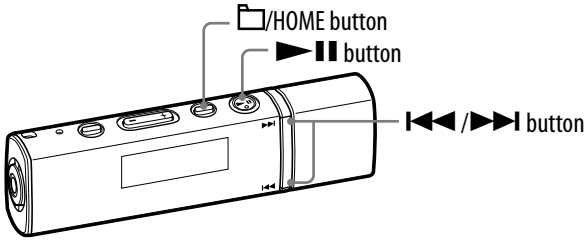
1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Advanced Settings>," and then press the button to confirm.**
4. **Press the / button to select "Information>," and then press the button to confirm.**
   You can check the following information by pressing the / button to scroll through.
   1: model name
   2: built-in flash memory capacity
   3: serial number
   4: version information for the player's firmware

To return to the previous menu

Press the /HOME button.

Resetting to Factory Settings (Reset All Settings)

You can reset the player to the default settings. Resetting the player does not delete the music songs you have transferred to the player.



Note

- This function is only available in pause mode.

1. **Press and hold the /HOME button in pause mode until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select "Advanced Settings>," and then press the button to confirm.**
4. **Press the / button to select "Initialize>," and then press the button to confirm.**
5. **Press the / button to select "Reset All Settings>," and then press the button to confirm.**
6. **Press the / button to select "OK," and then press the button to confirm.**
   "COMPLETE" appears and the player is reset to the default settings. Then "ACCESS" appears and when you start playback, the starting point will be the first song of all songs (☞ page 12).

To cancel the operation

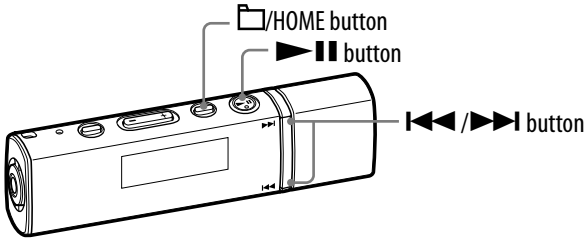
Select "Cancel" in step 6 and press the button to confirm.

To return to the previous menu

Press the /HOME button.

Formatting Memory (Format)

You can format the built-in flash memory of the player.
If the memory is formatted, all music data and registered cover art (jacket picture) will be erased. Be sure to verify the data stored in memory prior to formatting and export any necessary data to SonicStage or the hard disk of your computer.



Notes

- This function is only available in pause mode.
- When the remaining battery is low, you cannot format the player. Charge the battery before formatting.

1 Press and hold the /HOME button in pause mode until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select "Advanced Settings>," and then press the button to confirm.

4 Press the / button to select "Initialize>," and then press the button to confirm.

5 Press the / button to select "Format>," and then press the button to confirm.

6 Press the / button to select "OK," and then press the button to confirm.

"FORMATTING..." appears and formatting starts.
When formatting is completed, "COMPLETE" appears.

Continued ⇩

To cancel the operation

Select “Cancel” in step 6 and press the ►II button to confirm.

To return to the previous menu

Press the 🗀/HOME button.

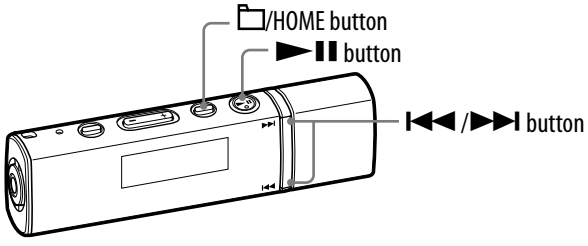
Note

- Do not format the built-in flash memory of the player using Windows Explorer.

Listening to FM Radio

You can listen to FM radio. Charge the built-in rechargeable battery before using the player (☞ page 66), and connect the headphones to the headphone jack.

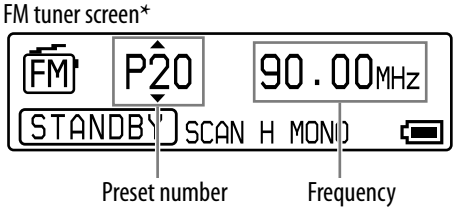
1 Switching to the FM tuner



1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (FM), and then press the button to confirm.

The FM tuner screen appears.



* The illustrated FM tuner screen may be different from your model.

Continued ⇩

To stop the FM tuner and return to the audio player

Press and hold the /HOME button until the HOME menu appears, and then select (All Songs), (Playlist Select) or (Intelligent Shuffle) from the menu screen and press the ►II button to play back.
If there are no playlist, select (All Songs).

To turn off the volume of the FM tuner briefly

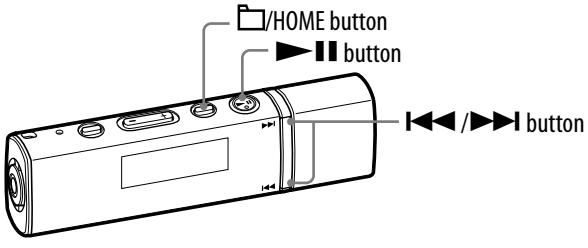
By pressing the ►II button, FM tuner sound is not output. The FM tuner enters the Sleep status after a few seconds and the display goes off. By pressing the ►II button again, the FM tuner sound is output again.

Note

- When you press the I◄◄ (►►I) button while the player is in the Sleep status, the previous (or next) preset number or frequency is selected. At that time, the sound is not output, regardless of the VOL +/- button.

2 Presetting broadcast stations automatically (FM Auto Preset)

You can preset receivable broadcast stations (up to 30 stations) in your area automatically by selecting “FM Auto Preset.” When you use the FM tuner for the first time, or when you move to a new area, we recommend to preset receivable broadcast stations by selecting “FM Auto Preset.”



Note

- The “FM Auto Preset” operation will delete already preset broadcast stations.

1 Press and hold the /HOME button until the HOME menu appears.

2 Press the I◄◄ /►►I button to select (Settings), and then press the ►II button to confirm.

3 Press the I◄◄ /►►I button to select “FM Auto Preset>,” and then press the ►II button to confirm.

Continued ⇩

4 Press the ⏮/⏭ button to select "OK," and then press the ▶II button to confirm.

The receivable broadcast stations will be preset in order from low to high frequency.
"COMPLETE" appears when presetting is completed, then the first preset station is received.

To stop automatic presetting

Select "Cancel" in step 4 and press the ▶II button to confirm.

To return to the previous menu

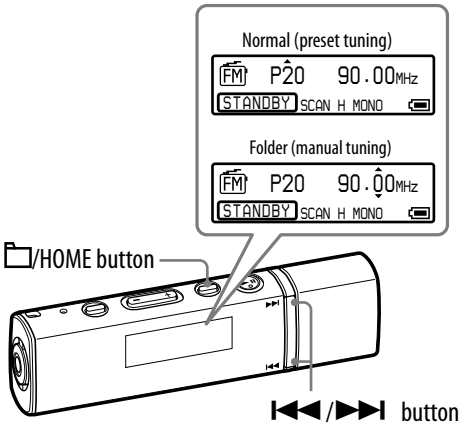
Press the 🗀/HOME button.

If several unnecessary stations are received

If interference is prevalent or reception is too sensitive, change the reception setting (☞ page 64) to "Scan Sens Low."

3 Selecting broadcast stations

There are 2 ways (manual or preset tuning) to select broadcast stations.



By pressing the 🗀/HOME button, the player enters the manual tuning mode. To switch from manual tuning mode to preset tuning mode, press the 🗀/HOME button again.

- **Manual Tuning**
  In the manual tuning mode, you can select broadcast stations by frequency.
- **Preset Tuning**
  In the preset tuning mode, you can select broadcast stations by preset number.

Continued ⇩

Manual Tuning

Frequency appears with ▲ and ▼ above and below.

To	Operation
Select the previous frequency	Press the ⏮ button briefly.
Select the next frequency	Press the ⏭ button briefly.
Select the previous receivable broadcast station*	Press and hold the ⏮ button.
Select the next receivable broadcast station*	Press and hold the ⏭ button.

* By pressing and hold the ⏮ (⏭) button during FM reception, the previous (or next) broadcast station is found. If the broadcast station is receivable, the reception is accepted.
If interference is prevalent or reception is too sensitive, change the reception setting (☞ page 64) to "Scan Sens Low."
If you press the ⏮ (⏭) button in the Sleep status, the frequency decreases (or increases), but the previous (or next) broadcast station is not found and sound is not output.

Preset Tuning

Preset number appears with ▲ and ▼ above and below.

To	Operation
Select the previous preset number	Press the ⏮ button briefly.
Select the next preset number	Press the ⏭ button briefly.

Note

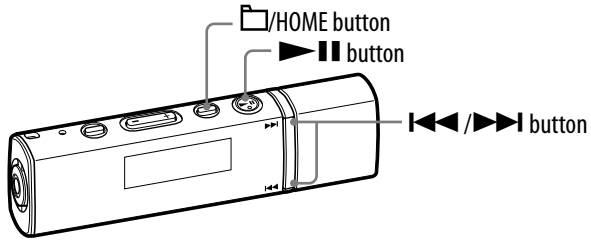
- You cannot select broadcast stations if no preset stations are entered. Preset the receivable stations using "FM Auto Preset" (☞ page 60).

Improving the reception

- The headphone's cord serves as the antenna, so extend it as far as possible.

Presetting Desired Broadcast Stations

You can preset broadcast stations that “FM Auto Preset” misses (☞ page 60).



1 Select the desired frequency by the manual tuning mode (☞ page 62).

2 Press and hold the ►II button.
The frequency you select in step 1 is preset and the preset number appears to the left of the frequency.

Hint

- You can preset up to 30 stations (P01 to P30).

Note

- The preset number is always sorted from low to high frequency order.

Deleting preset broadcast stations

1 Select the preset number of the frequency to delete.

2 Press and hold the ►II button.

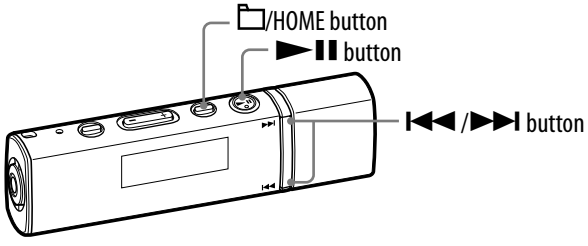
3 Press the I◄◄ /►►I button to select “OK,” and then press the ►II button to confirm.
The preset broadcast station is deleted and the next one appears.

To cancel deletion of the preset broadcast station

Select “Cancel” in step 3 and press the ►II button to confirm.

Setting the Reception (Scan Sens)

When you select stations using the “FM Auto Preset” function (☞ page 60) or “Manual Tuning” (☞ page 61), the FM receiver may receive many unwanted broadcast stations because the reception is too sensitive. In this case, set the reception to “Scan Sens Low.” “Scan Sens High” is set by default.



1 Press and hold the /HOME button until the HOME menu appears.

2 Press the / button to select (Settings), and then press the button to confirm.

3 Press the / button to select “Scan Sens>,” and then press the button to confirm.

4 Press the / button to select “Scan Sens Low,” and then press the button to confirm.

To set the reception sensitivity back to the default

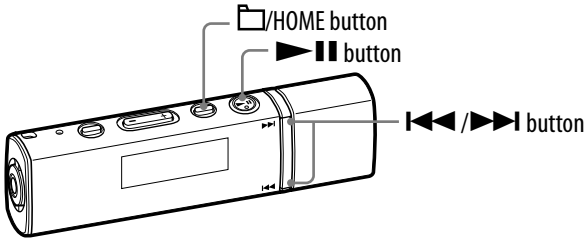
Select “Scan Sens High” in step 4 and press the button to confirm.

To return to the previous menu

Press the /HOME button.

Changing the Monaural/Stereo (Mono/Auto)

If noise occurs during FM reception, set the receiver to “Mono” for monaural. If you set it to “Auto,” stereo/monaural reception is set automatically, depending on reception conditions. “Auto” is set by default.



1. **Press and hold the /HOME button until the HOME menu appears.**
2. **Press the / button to select (Settings), and then press the button to confirm.**
3. **Press the / button to select “Mono/Auto>,” and then press the button to confirm.**
4. **Press the / button to select “Mono,” and then press the button to confirm.**

To return to the automatic setting

Select “Auto” in step 4 and press the button to confirm.

To return to the previous menu

Press the /HOME button.

Recharging the Player

The player's battery is recharged while the player is connected to a running computer.

When the remaining battery indication of the display shows: Full, charging is completed (charging time is approx. 60 minutes*).

When you use the player for the first time, or if you have not used the player for a long time, recharge it fully (to Full in the remaining battery indication of the display).

* This is the approximate charging time when the battery power is low and the "USB Bus Powered" setting (☞ page 51) is "High-Power 500mA" under room temperature. The charging time will vary depending on remaining battery power and battery condition. If the battery is charged in a low-temperature environment, the charging time will be longer. It will also be longer if you transfer audio file(s) to the player while charging.

On the remaining battery indication

The battery icon in the display (☞ page 11) changes as shown below. See ☞ page 95 on battery duration.

The battery power gets low as shown in the battery icon. If "LOW BATTERY" appears, you cannot operate with the player. In this case, charge the battery by connecting to your computer.

Notes

- Charge the battery in an ambient temperature of between 5 to 35 ºC (41 to 95 ºF).
- The number of times the battery can be recharged before it is used up is approximately 500 times. This number differs, depending on the conditions under which you use the player.
- The battery indicator on the display is only an estimate. For example, one section of black in the indicator will not always indicate exactly one-fourth of the battery's charge.
- "DATA ACCESS" appears in the display while the player accesses the computer. Do not disconnect the player while "DATA ACCESS" appears or the data being transferred may be destroyed.
- The control buttons on the player are all disabled while it is connected to a computer.
- Some USB devices connected to the computer may interfere with the proper operation of the player.
- We do not guarantee the recharge of the battery using personally assembled computers or modified computers.

Maximizing Battery Life

By adjusting the settings or managing the power supply properly, it is possible to save the battery power and use the player for a longer time.

To enter the Sleep status

If you press the ►II button to pause playback or receiving an FM broadcast (NW-E013F/E015F/E016F only), after "POWER OFF" appears, the display disappears and the player enters the Sleep status automatically after a few seconds. The batteries are consumed a little in the Sleep status.

Screen display auto-off

Setting the display to turn off after a certain period of time of not using the player (approx. 15 seconds), can help to save battery power.
See "Setting the Power Save Screen (Power Save Mode)" (☞ page 52) for the setting method.

Adjust the brightness of the screen

Setting "Brightness" to the lowest setting reduces battery use while the display is on (☞ page 54).

Set the sound quality off

When the settings for sound quality and volume, such as "Sound" (☞ page 28), "VPT" (☞ page 33), "Clear Stereo" (☞ page 34), and "Dynamic Normalizer" (☞ page 35) are set to "OFF," longer battery life can be expected.

Note when connected to your computer

If the computer enters a power saving mode, such as the sleep or hibernation mode, even during USB connection, the player's battery is not charged. Instead, the player continues to draw power from the battery, discharging it.

Adjust song format and bit rate

The playing time varies, as battery charge can be affected by the format and bit rate of the audio files that are played.
For example, a full battery charge offers about 30 hours of playing time for songs in ATRAC format at 132 kbps, but only about 24 hours for songs in WMA format at 128 kbps. For details, see "Battery life (continuous playback)" (☞ page 95). The exact playing time available from a full charge varies with the operating conditions and environment of the player.

Note

- Do not leave the player connected for extended periods to a laptop computer that is not connected to AC power, because the player may discharge the computer's battery.

What are Format and Bit Rate?

What is format?

The format of a song refers to the method used by SonicStage to store the song's audio information when songs are imported to SonicStage from the Internet or audio CDs.
Common formats include MP3, WMA and ATRAC, etc.

MP3: MP3 (MPEG-1 Audio Layer3) is a common audio compression technology developed by the MPEG working group of the ISO (International Organization for Standardization).
MP3 can compress audio files to about 1/10 the size of standard CD audio files.

WMA: WMA (Windows Media Audio) is a common audio compression technology developed by Microsoft Corporation. The WMA format produces the same sound quality as that of the MP3 format with smaller file size.

ATRAC: ATRAC (Adaptive Transform Acoustic Coding) is a general term used to refer to ATRAC3 and ATRAC3plus formats. ATRAC3 is an audio compression technology that satisfies the demand for both high sound quality and high compression rates. ATRAC3 can compress audio files to about 1/10 the size of standard CD audio files. ATRAC3plus, a more advanced version of ATRAC3, can compress audio files to about 1/20 the size of standard CD audio files.

AAC: AAC (Advanced Audio Coding) is a common audio compression technology developed by the MPEG working group of the ISO (International Organization for Standardization). The AAC format produces the same sound quality as that of the MP3 format, with a smaller file size.

Linear-PCM: Linear-PCM is an audio recording format without digital compression. You can listen to the sound with the same quality as CD music by recording with this format.

What is bit rate?

Bit rate refers to the amount of data used to store each second of audio. Generally, higher bit rates provide better sound quality, but require more storage space for the same length of audio.

Continued ⇩

What is the relationship between bit rate, sound quality, and storage size?

Generally, higher bit rates provide better sound quality, but require more storage space for the same length of audio, so you can store fewer songs on the player. Lower bit rates enable you to store more songs, but at a lower sound quality. For details on supported audio formats and bit rate, see ☞ pages 93 and 94.

Note

- If you import a song from a CD to SonicStage at a low bit rate, you cannot improve the song's sound quality by selecting a high bit rate when transferring the song from SonicStage to the player.

Playing Songs without Pauses

If you import songs to SonicStage in ATRAC format and transfer them to the player, you can play them on the player continuously, without pauses between the songs.
For example, an album that includes a long recording of a live performance with no pauses between songs can be played continuously without pauses after the songs are imported to SonicStage in ATRAC format and then transferred to the player.

Note

- For songs to be played without pauses, you must import all the songs on a single album without pauses at one time to the SonicStage software in the same ATRAC format.

How is Song Information Imported to the Player?

When you import CD songs into SonicStage, SonicStage automatically retrieves information about the songs (such as album title, artist name, and song name) from a CD database service (CDDB, the Gracenote CD DataBase) on the Internet at no charge.
When songs are transferred to the player, this song information is transferred along with the songs.
Having this information attached to your songs makes possible various advanced searching features of the player.

Note

- Song information of some CDs may not be able to retrieved from the Internet. For songs that are not in the Internet database, you can manually enter and edit song information in SonicStage. For details on editing song information, see SonicStage Help.

Storing Data Other than Audio Files

You can store computer data into the built-in flash memory of the player by transferring it from your computer with Windows Explorer. If the player is connected to the computer, the built-in flash memory appears in Windows Explorer as “WALKMAN” or “Removable Disk.”

Notes

- Do not use SonicStage while using Windows Explorer to interact with the built-in flash memory of the player.
- Always use SonicStage to transfer audio files that you want to play to the player. Audio files, such as MP3 format files transferred with Windows Explorer cannot be played by the player.
- Do not disconnect the player while transferring data between a computer and the player because the data being transferred could be damaged.
- Do not format the built-in flash memory using Windows Explorer. If you format the built-in flash memory, format it on the player (☞ page 57).

Upgrading the Player's Firmware

You can update the player's firmware, ensuring you to add new features for the player by installing the latest player's firmware to the player. For details about the latest firmware information and how to install it, visit the following Web sites:

For customers in the USA: http://www.sony.com/walkmansupport
For customers in Canada: http://www.sony.ca/ElectronicsSupport/
For customers in Europe: http://support.sony-europe.com/DNA
For customers in Latin America: http://www.sony-latin.com/pa/info/
For customers in other countries/regions: http://www.css.ap.sony.com
For customers who purchased the overseas models: http://www.sony.co.jp/overseas/support/

1. **Download the update program to your computer from the web sites.**

2. **Connect the player to your computer, and then start up the update program.**

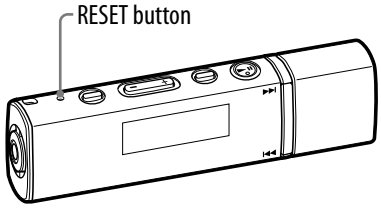
3. **Follow the on-screen instructions to update the player's firmware.**
   Firmware update is complete.

Troubleshooting

If the player does not function as expected, try the following steps to resolve the issue.

1 Find the symptoms of the issue in the following troubleshooting tables, and try any corrective actions listed.

2 Press the RESET button with a small pin, etc.
If you press the RESET button while operating the player, stored data and settings on the player may be deleted.



3 Check for information about the issue in SonicStage Help.

4 Look for information about the issue on one of the support Web sites.
For customers in the USA, visit: http://www.sony.com/walkmansupport
For customers in Canada, visit: http://www.sony.ca/ElectronicsSupport/
For customers in Europe, visit: http://support.sony-europe.com/DNA
For customers in Latin America, visit: http://www.sony-latin.com/pa/info/
For customers in other countries/regions, visit: http://www.css.ap.sony.com
For customers who purchased the overseas models, visit:
http://www.sony.co.jp/overseas/support/

5 If the approaches listed above fail to resolve the issue, consult your nearest Sony dealer.

Operation

Symptom	Cause/Remedy
There is no sound.	• The volume level is set to zero. ➔ Turn the volume up (☞ page 8). • The headphone jack is not connected properly. ➔ Connect the headphone jack properly (☞ page 9). • The headphone plug is dirty. ➔ Clean the headphone plug with a soft dry cloth. • No audio files are stored in the built-in flash memory. ➔ If "NO DATA" appears, transfer audio file(s) from the computer.
Songs cannot be played.	• Songs were transferred from your computer without using the supplied SonicStage software. ➔ Transfer songs using the supplied SonicStage software. • The battery is consumed. ➔ Charge the battery fully (☞ page 66). ➔ If the player does not react, even after charging the battery, press the RESET button to reset the player .

Continued ⇩

Operation (continued)

Symptom	Cause/Remedy
Noise is generated.	• An apparatus emitting radio signals, such as a mobile phone is being used near the player. ➔ When using such apparatus as mobile phones, keep them away from the player. • Audio data from CDs, etc., is damaged. ➔ Connect the player to the computer and delete any songs generating noise using SonicStage, and then import and transfer them to the player again. When importing audio data, close any other applications to avoid data damage.
Buttons do not work.	• The HOLD switch is set to the direction of the arrow (▷). ➔ Slide the HOLD switch to the opposite direction of the arrow (☞ page 10). • The player contains moisture condensation. ➔ Wait a few hours to let the player dry. • The remaining battery is low or insufficient. ➔ Charge the battery connecting to the computer (☞ page 66). ➔ Even if charging the battery and nothing is changed, press the RESET button to reset the player (☞ page 74).
Playback does not stop.	• With this player, there is no difference between stopping and pausing. When you press the ►II button, II appears and playback pauses/stops.
The player does not work.	• The remaining battery is insufficient. ➔ Charge the battery connecting to the computer (☞ page 66). ➔ Even if charging the battery and nothing is changed, press the RESET button to reset the player (☞ page 74).
The transferred songs cannot be found.	• The built-in flash memory of the player was formatted using Windows Explorer. ➔ Format the built-in flash memory using the "Format" menu of the player (☞ page 57). • The player is disconnected from the computer while data is being transferred. ➔ Transfer usable files back to your computer and format the built-in flash memory using the "Format" menu of the player (☞ page 57).
The volume is not loud enough.	• "AVLS" is enabled. ➔ Disable "AVLS" (☞ page 44).
There is no sound from right channel of the headphones. Or right channel sound is heard from both sides of the headphones.	• The headphone jack is not fully inserted. ➔ If the headphones are not connected correctly, sound will not be output properly. Connect the headphones into the jack until it clicks (☞ page 9).

Continued ⇩

Operation (continued)

Symptom	Cause/Remedy
Playback has stopped suddenly.	● The remaining battery is insufficient. ➔ Charge the battery connecting to the computer (☞ page 66).
The player cannot format.	● The remaining battery is low or insufficient. ➔ Charge the battery connecting to the computer (☞ page 66).

Display

Symptom	Cause/Remedy
"□" appears for a title.	● Characters that cannot appear on the player are involved. ➔ Use the supplied SonicStage to rename the title with appropriate characters.
A message appears.	● See the list of messages (☞ page 81).

Power

Symptom	Cause/Remedy
Battery life is short.	● The operating temperature is below 5 °C (41 °F). ➔ Battery life becomes shorter due to the battery characteristics. This is not malfunction. ● Battery charging time is not enough. ➔ Charge the battery until Full appears. ➔ Charge the battery longer if the USB connection (USB Bus Powered) is set to "Low-Power 100mA" (☞ page 66). ● By adjusting the settings or managing the power supply properly, it is possible to save the battery power and use the player for a longer time (☞ page 67). ● The battery is required to be replaced. ➔ Consult your nearest Sony dealer.
The player cannot charge the battery.	● The player is not connected to a USB port on your computer properly. ➔ Disconnect the player, and then reconnect it. ● The battery is charged in an ambient temperature out of the range 5 °C (41 °F) to 35 °C (95 °F). ➔ Charge the battery in an ambient temperature of 5 °C (41 °F) to 35 °C (95 °F). ● Your computer is not on. ➔ Turn on the computer. ● Your computer enters Sleep or hibernate status. ➔ Release the computer from Sleep or hibernate status.
The player turns off automatically.	● The player turns off if left in pause mode for a few seconds. ➔ Press any button to turn the player on.
Charging completes very quickly.	● If the battery is already almost fully charged when charging begins, little time is needed to reach a full charge.

Continued ⇩

Connection with the computer/SonicStage

Symptom	Cause/Remedy
The SonicStage software cannot be installed.	• The computer's operating system software is not compatible with SonicStage. ➔ See the system requirements (☞ page 96). • All Windows applications are not closed. ➔ If you start the installation while other programs are running, an error may occur. This is especially true for programs that require significant system resources, such as virus-protection software. • There is not enough free space on the hard disk of your computer. ➔ You need 200 MB or more of free space. Delete any unnecessary files on your computer. • You are not logged on as an "Administrator." ➔ If you are not logged on as an "Administrator," the installation of SonicStage might fail. Make sure that you are logged on using an account with "Administrator" privileges. • Installation appears to have been interrupted and a message dialogue is hidden behind the installation screen. ➔ Press the Tab key while pressing and holding the Alt key. When the dialogue appears, follow the on-screen instructions.
An error message appears on the computer when installing.	• Make sure the operating system of your computer can be used with the player (☞ page 96).
The computer does not start automatically when inserting the supplied CD-ROM.	• The install wizard may not start when inserting the CD-ROM, depending on the computer setting. ➔ Right-click the CD-ROM on Windows Explorer to open, and double-click SetupSS.exe. The main menu for installing appears.
The progress bar on the display of your computer is not moving when installing. The access lamp of your computer has not lit for a few minutes.	• The installation is progressing normally. Please wait. The installation may take 30 minutes or more, depending on your system environment.

Continued ⇩

Connection with the computer/SonicStage (continued)

Symptom	Cause/Remedy
SonicStage does not start up.	• Your computer's system environment has changed, perhaps due to an update of the Windows operating system.
Some functions are restricted on SonicStage.	• When you do not log on your computer as an administrator, some functions are restricted. Make sure to log on your computer as an administrator.
"USB CONNECT" does not appear when the player is connected to the computer.	• The player's USB connector is not connected to a USB port on your computer properly. → Disconnect the player, and then reconnect it. • A USB hub is being used. → Connecting the player via a USB hub may not work. Connect the player directly to a USB port on your computer. • Please wait for the authentication of the SonicStage software. • Another application is running on the computer. → Disconnect the player, wait a few minutes, and reconnect it. If the problem persists, disconnect the player, restart the computer, and then reconnect the player. • The player's USB connection (USB Bus Powered) is set to "High-Power 500mA." → Set the "USB Bus Powered" to "Low-Power 100mA" (☞ page 51). • The installation of the SonicStage software was not successful. → Reinstall the software using the supplied CD-ROM. Audio files registered with the earlier installation will be available with the new SonicStage installation.
The player is not recognized by the computer when it is connected to the computer.	• The player's USB connector is not connected to a USB port on your computer properly. → Disconnect the player, and then reconnect it. • A USB hub is being used. → Connecting the player via a USB hub may not work. Connect the player directly to a USB port on your computer. • The USB port on your computer may have a problem. Connect the player's USB connector to another USB port on your computer.

Continued ⇩

Connection with the computer/SonicStage (continued)

Symptom	Cause/Remedy
Audio data cannot be transferred to the player from your computer.	• The player's USB connector is not connected to a USB port on your computer properly. Make sure that "DATA ACCESS" or "USB CONNECT" appears on the display. ➔ Disconnect the player, and then reconnect it. • There is not enough free space in the built-in flash memory. ➔ Connect the player to the computer and delete any unnecessary songs using SonicStage to increase free space on the player. • You have already transferred over 65,535 songs or over 8,192 playlists to the built-in flash memory, or you are trying to transfer a playlist that contains over 999 songs. • Songs 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. • Copyright-protected WMA and AAC files imported from CDs, etc., to your computer using a non-SonicStage application cannot be transferred because they are incompatible with the SonicStage format. • Abnormal data exists on the player. ➔ Return your necessary data back to SonicStage and format the player (☞ page 57). • You are not using the supplied SonicStage software. ➔ Install the supplied SonicStage software. • Audio data from CDs, etc., is damaged. ➔ Connect the player to the computer and delete any songs that are damaged using SonicStage, and then import and transfer them to the player again. When importing audio data, close any other applications to avoid data damage.
Only a small number of songs can be transferred to the player.	• There is not enough free space in the built-in flash memory. ➔ Connect the player to the computer and delete any unnecessary songs using SonicStage to increase free space on the player. • Non-audio data is stored in the built-in flash memory. ➔ Move non-audio data to the computer to increase free space.
Audio data cannot be transferred back to your computer from the player.	• The computer you are trying to transfer songs to is not the same computer from which the songs were originally transferred. ➔ Songs can be transferred only to the computer that they originally came from. If songs cannot be transferred back to the computer and you want to delete songs on the player, select songs on the SonicStage software and click ✕ to delete them. • The audio data has been deleted from the computer you used to transfer to the player. ➔ The audio data cannot be transferred back to your computer if the song is deleted from the computer used to transfer to the player.

Continued ⇩

Connection with the computer/SonicStage (continued)

Symptom	Cause/Remedy
The player becomes unstable while it is connected to the computer.	● A USB hub or USB extension cable is being used. ➔ Connecting the player via a USB hub or dedicated USB extension cable may not work. Connect the player directly to a USB port on your computer.

FM Tuner (NW-E013F/E015F/E016F only)

Symptom	Cause/Remedy
You cannot hear the FM broadcast well.	● The receiving frequency is not fully tuned in. ➔ Select the frequency manually to improve reception (☞ page 61).
Reception is weak and sound quality is poor.	● The radio signal is weak. ➔ Listen to the FM broadcast near a window since the signal may be weak inside buildings or vehicles. ● The headphone cord does not extend enough. ➔ The headphone cord functions as an antenna. Extend the headphone cord as far as possible.
The FM broadcast is affected by interference.	● An apparatus emitting radio signals, such as a mobile phone is being used near the player. ➔ When using such apparatus as mobile phones, keep them away from the player.

Other

Symptom	Cause/Remedy
There is no beep sound when the player is operated.	● “Beep” is set to “Beep OFF.” ➔ Set “Beep” to “Beep ON” (☞ page 45).
The player gets warm.	● The player may be warm when the battery is being charged and just after charging. The player also may get warm when a large amount of data is transferred. This behavior is normal and not cause for concern. Set the player aside for a while to allow it to cool down.
The date and time have been reset.	● If you left the player for a while with the battery used up, the date and time may be reset. ➔ This is not a malfunction. Charge the battery until Full appears on the screen (☞ page 66) and set the date and time again (☞ page 46).

Messages

Follow the instructions below if a message appears in the display.

Message	Meaning	Remedy
ACCESS	This message appears after disconnecting the player from the computer, starting "Reset All Settings" (☞ page 56) or resetting the player (☞ page 74).	This is not an error message. Wait until the message disappears.
AVLS (blinks)	The volume level exceeds the rated value while "AVLS" is enabled.	Turn the volume down or disable "AVLS" (☞ page 44).
CANNOT PLAY	• The player cannot play certain files because of incompatible formats. • Transferring has been interrupted forcefully.	If the song which cannot be played is unnecessary, you can erase it from the built-in flash memory. For details, see "To delete abnormal data from the built-in flash memory" (☞ page 84).
DATA ACCESS	Accessing the built-in flash memory.	Please wait for access to complete. This message appears while the built-in flash memory is being accessed.
DRM ERROR	An unauthorized distribution file is detected for copyright protection.	Transfer the normal audio file back to the computer and then format the built-in flash memory. For details, see "To delete abnormal data from the built-in flash memory" (☞ page 84).
EXPIRED	You are trying to play a song that has an expiration/playback time restriction.	If the song which cannot be played is unnecessary, you can erase it from the built-in flash memory. For details, see "To delete abnormal data from the built-in flash memory" (☞ page 84).

Continued ⇩

Message	Meaning	Remedy
FILE ERROR	• The file cannot be read. • The file is not normal.	Transfer the normal audio file back to the computer and then format the player. For details, see “To delete abnormal data from the built-in flash memory” (☞ page 84).
FORMAT ERROR	The built-in flash memory was formatted on a computer.	Format the player using the “Format” menu. For details, see “To delete abnormal data from the built-in flash memory” (☞ page 84).
HOLD	The player cannot be operated because the HOLD switch is set to the HOLD position.	To operate the player, slide the HOLD switch to the opposite position (☞ page 10).
LOW BATTERY	The battery is low.	You must charge the battery (☞ page 66).
MEMORY ERROR	There is a problem with the built-in flash memory.	Transfer the normal audio file back to the computer and then format the player using the “Format” menu. For details, see “To delete abnormal data from the built-in flash memory” (☞ page 84). If this message still appears, consult your nearest Sony dealer.
NO DATA	There are no audio files in the built-in flash memory.	If there are no audio files in the built-in flash memory, use SonicStage to transfer audio files.
NO DATABASE	The player is disconnected from the computer while transferring audio files.	Data may be restored by starting SonicStage via a computer. If data is not restored, transfer the normal audio file back to the computer and then format the player. For details, see “To delete abnormal data from the built-in flash memory” (☞ page 84).
NO ITEM	No song exists in the selected item.	Use SonicStage to transfer audio files.

Continued ⇩

Message	Meaning	Remedy
PRESET FULL	30 broadcast stations are already preset.	You can preset up to 30 broadcast stations. If you want to preset more stations, delete unwanted stations first (☞ page 63), then preset the stations you want.
SIMPLE MODE	• You connected the player to a device, other than a computer, to which songs can be transferred, then disconnect the player from the device. • The Intelligent function in SonicStage is deactivated and you connected the player to SonicStage, then disconnected it.	This is not an error. Wait until the message disappears. In this case, some functions may not be available.
SYSTEM ERROR	There is a problem with the hardware.	Consult your nearest Sony dealer.
UPDATE ERROR	The player fails to update the firmware.	Follow the on-screen instructions on the computer and update again.
USB CONNECT	The player is connected to a computer.	This is not an error. You can operate the player using SonicStage, but you cannot operate the controls on the player.

Continued ⇩

To delete abnormal data from the built-in flash memory

If “CANNOT PLAY,” “DRM ERROR,” “EXPIRED,” “FILE ERROR,” “FORMAT ERROR,” “MEMORY ERROR,” or “NO DATABASE” appears, there is a problem with all or part of the data stored in the built-in flash memory.
Please follow the procedure below to erase data you cannot play.

1 Connect the player to the computer, and start SonicStage.

2 If you have already specified the data with problems, erase the data using SonicStage.

3 If the problem persists, transfer all data without problems back to the computer using SonicStage while the player is connected to the computer.

4 Disconnect the player from the computer and then format the built-in flash memory using the “Format” menu (☞ page 57).

Uninstalling SonicStage

To uninstall the supplied software from your computer, follow the procedure below.

1 Click "Start" – "Control Panel."*1

2 Double-click "Add/Remove Programs." *2

3 Click "SonicStage X.X" in the "Currently Installed Programs" list, and then click "Remove."*3

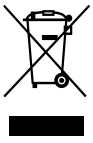
Follow the on-screen instruction(s) and restart your computer.
The uninstallation is completed when the computer has restarted.

*1 "Settings" – "Control Panel" in the case of Windows 2000 Professional.
*2 "Change/Remove" in the case of Windows 2000 Professional.
"Uninstall a program" or "Programs and Features" in the case of Windows Vista.
*3 "Uninstall" in the case of Windows Vista.

Note

- When you install SonicStage, "OpenMG Secure Module" is installed at the same time. Do not delete "OpenMG Secure Module" since it may be used by other software.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Applicable accessories: Headphones

Continued ⇩

Notice for the customer in the countries applying EU Directives

According to the EU Directive related to product safety, EMC and R&TTE, the manufacturer of this product is Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo, Japan. The Authorized Representative is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany.
For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Precautions

On safety

- Be sure not to short-circuit the terminals of the player with other metallic objects.
- Do not touch the rechargeable battery with bare hands if it is leaking. Since battery liquid may remain in the player, consult your nearest Sony dealer if the battery has leaked. If the liquid gets into your eyes, do not rub your eyes as it may lead to blindness. Wash out your eyes with clean water, and consult a doctor.
  Also, if the liquid gets on to your body or clothes, wash it off immediately. If you do not, it may cause burns or injury. If you get burned or injured by the liquid from the battery, consult a doctor.
- Do not pour water or put any foreign object in the player. Doing so may cause fire or electric shock.
  If this occurs, turn off the player immediately, disconnect the player, and consult your nearest Sony dealer or Sony Service Center.
- Do not put the player into the fire.
- Do not take apart or remodel the player. Doing so can result in electric shock. Consult your nearest Sony dealer or Sony Service Center for exchange of rechargeable batteries, internal checks or repair.

On installation

- Do not put any heavy object on top of the player or apply a strong shock to the player. It may cause a player to malfunction or damage.
- Never use the player where it will be subjected to extremes of light, temperature, moisture or vibration. The player may become discolored, distorted or damaged.
- Never leave the player exposed to high temperature, such as in a car parked in the sun or under direct sunlight.
- Do not leave the player in a place subject to excessive dust.
- Do not leave the player on an unstable surface or in an inclined position.
- If the player causes interference to radio or television reception, turn the player off and move it away from the radio or television.
- When using the player, remember to follow the precautions below in order to avoid warping the cabinet or causing the player to malfunction.
  – Make sure not to sit down with the player in your back pocket.

Continued ⇩

– Make sure not to put the player into a bag with the headphones/earphones cord wrapped around it and then subject the bag to strong impact.

- Do not expose the player to water. The player is not waterproof. Remember to follow the precautions below.
  – Be careful not to drop the player into a sink or other container filled with water.
  – Do not use the player in humid locations or bad weather, such as in the rain or snow.
  – Do not get the player wet.
  If you touch the player with wet hands, or put the player in a damp article of clothing, the player may get wet and this may cause a malfunction of the player.

- When you unplug the headphone from the player, make sure to hold the headphone plug to unplug it. Pulling the headphone cord itself may cause damage to the headphone cord.

On heat build-up

Heat may build up in the player while charging if it is used for an extended period of time.

On the headphones

Road safety

Avoid listening with your headphones in situations where hearing must not be impaired.

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.
Do not turn the volume up high all at once, especially when using headphones. Turn up the volume gradually so that loud sound will not hurt your ears.

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 the player, take off the headphones immediately.
If you experience an allergic reaction to the supplied headphones, stop using them at once and contact a doctor.

Continued ⇩

On the use

- When using a strap (sold separately), be careful to avoid hooking it on objects you pass by. Furthermore be careful not to swing the player by the strap to avoid bumping people.
- Refrain from using the player according to the in-flight announcements during take off or landing in an aircraft.

On the LCD

- Do not push the LCD screen strongly. Color spots may appear or the LCD panel may be damaged.
- If the player is used in a cold place, ghosting may occur. This does not indicate a failure.
- If the player is used in a cold or hot place, contrast may be affected.

On cleaning

- Clean the player's case with a soft cloth, such as cleaning cloth for eyeglasses.
- If the player's case becomes very dirty, clean it with a soft cloth slightly moistened with water or a mild detergent solution.
- 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 case.
- Be careful not to let water get into the player from the opening near the connector.
- Clean the headphone plug periodically.

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

On 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.

Continued ⇩

- Operation of this player with software other than that provided is not covered by the warranty.
- The ability to display the languages on supplied software will depend on the installed OS on your computer. For better results, please ensure that the installed OS is compatible with the desired language you like to display.
  - We do not guarantee all the languages will be able to be displayed properly on supplied software.
  - User-created characters and some special characters may not be displayed.
- The explanations in this manual assume that you are familiar with the basic operations of Windows.

  For details on the use of your computer and operating system, please refer to the respective manuals.

On sample audio data*

The player is pre-installed with sample audio data. To delete this audio data, delete it using SonicStage.
If you delete sample audio data, you cannot restore it. We cannot supply any replacement data.

* In some countries/regions some sample data is not installed.

- 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 player or computer.
- Depending on the types of the text and characters, the text shown on the player may not be displayed properly on device. This is due to:
  - The capacity of the connected player.
  - The player is not functioning normally.
  - Content information is written in the language or the character that is not supported by the player.

About the customer support Web sites

If you have any questions about or issue with this product, visit the following Web sites.
For customers in the USA: http://www.sony.com/walkmansupport
For customers in Canada: http://www.sony.ca/ElectronicsSupport/
For customers in Europe: http://support.sony-europe.com/DNA
For customers in Latin America: http://www.sony-latin.com/pa/info/
For customers in other countries/regions: http://www.css.ap.sony.com
For customers who purchased the overseas models:
http://www.sony.co.jp/overseas/support/

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Specifications

Audio compression technology (supported bit rates and sampling frequency*1)

- MP3 (MPEG-1 Audio Layer-3)
  32 to 320 kbps variable bit rate-compliant, 32, 44.1, 48 kHz
- WMA*2 (Windows Media Audio)
  32 to 192 kbps variable bit rate-compliant, 44.1 kHz
- ATRAC (Adaptive Transform Acoustic Coding)
  48 to 352 kbps (at 66*3, 105*3, 132 kbps in ATRAC3), 44.1 kHz
- AAC*2 (Advanced Audio Coding)
  16 to 320 kbps variable bit rate-compliant*4, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz
- Linear-PCM
  1,411 kbps, 44.1 kHz

*1 Sampling frequency may not correspond to all encoders.

*2 Copyright protected WMA/AAC files cannot be played back.

*3 CD recording cannot be done using the SonicStage software in ATRAC3 at 66/105 kbps.

*4 Nonstandard bit rates non-guaranteed bit rates are included depending on the sampling frequency.

Maximum recordable number of songs and time (Approx.)

The approximate times are based on a transferred 4-minute ATRAC, MP3 or Linear-PCM format song.
Other playable audio file format song numbers and times may differ from ATRAC, MP3 or Linear-PCM format.

	NW-E013/E013F		NW-E015/E015F	
Bit rate	Songs	Time	Songs	Time
48 kbps	685	45 hr. 40 min.	1,350	90 hr. 00 min.
64 kbps	510	34 hr. 00 min.	1,000	66 hr. 40 min.
66 kbps	500	33 hr. 20 min.	995	66 hr. 20 min.
96 kbps	340	22 hr. 40 min.	680	45 hr. 20 min.
128 kbps	255	17 hr. 00 min.	515	34 hr. 20 min.
132 kbps	250	16 hr. 40 min.	495	33 hr. 00 min.
160 kbps	205	13 hr. 40 min.	410	27 hr. 20 min.
192 kbps	170	11 hr. 20 min.	340	22 hr. 40 min.
256 kbps	125	8 hr. 20 min.	255	17 hr. 00 min.
320 kbps	100	6 hr. 40 min.	205	13 hr. 40 min.
352 kbps	94	6 hr. 10 min.	185	12 hr. 20 min.
1,411 kbps (Linear-PCM)	23	1 hr. 30 min.	47	3 hr. 00 min.

Continued ⇩

	NW-E016/E016F	
Bit rate	Songs	Time
48 kbps	2,700	180 hr. 00 min.
64 kbps	2,000	133 hr. 20 min.
66 kbps	2,000	133 hr. 20 min.
96 kbps	1,350	90 hr. 00 min.
128 kbps	1,000	66 hr. 40 min.
132 kbps	1,000	66 hr. 40 min.
160 kbps	820	54 hr. 40 min.
192 kbps	685	45 hr. 40 min.
256 kbps	515	34 hr. 20 min.
320 kbps	410	27 hr. 20 min.
352 kbps	375	25 hr. 00 min.
1,411 kbps (Linear-PCM)	94	6 hr. 10 min.

Capacity (User available capacity)*1

NW-E013/E013F: 1 GB (Approx. 968 MB = 1,015,726,080 bytes)
NW-E015/E015F: 2 GB (Approx. 1.89 GB = 2,035,974,144 bytes)
NW-E016/E016F: 4 GB (Approx. 3.79 GB = 4,075,716,608 bytes)
*1 Available storage capacity of the player may vary.
A portion of the memory is used for data management functions.

Output (headphones)

- Output
  5 mW + 5 mW (16 Ω)
- Frequency response
  20 to 20,000 Hz (when playing data file, single signal measurement)

FM tuner

- Preset
  30 presets
- FM Frequency range (NW-E013F/E015F/E016F only)
  87.5 to 108.0 MHz

IF (FM)

375 kHz

Antenna

Headphone cord antenna

Interface

Headphone: Stereo mini
Hi-Speed USB (USB 2.0 compliant)

Operating temperature

5 °C to 35 °C (41 °F to 95 °F)

Power source

- Built-in rechargeable lithium-ion battery
- USB power (from a computer through a USB connector of the player)

Continued ⇩

Charging time

USB-based charging
Approx. 60 minutes

Battery life (continuous playback)*1

*1 This is when "Power Save Mode" (☞ page 52) is set to "Save ON Super," and "Sound" (☞ page 28), "VPT" (☞ page 33), "Clear Stereo" (☞ page 34), or "Dynamic Normalizer" (☞ page 35) is set to off. The battery duration will vary depending on temperature and usage.

	NW-E013/E015/E016	NW-E013F/E015F/E016F
Status of the player		
Playback at ATRAC 132 kbps	Approximately 30 hours	Approximately 30 hours
Playback at ATRAC 128 kbps	Approximately 27 hours	Approximately 27 hours
Playback at ATRAC 48 kbps	Approximately 28 hours	Approximately 28 hours
Playback at MP3 128 kbps	Approximately 28 hours	Approximately 28 hours
Playback at WMA 128 kbps	Approximately 24 hours	Approximately 24 hours
Playback at AAC 128 kbps	Approximately 28 hours	Approximately 28 hours
Playback at Linear-PCM 1,411 kbps	Approximately 25 hours	Approximately 25 hours
At receiving FM broadcasting	—	Approximately 10 hours

Display

3-line Color LCD

Dimension (w/h/d, projecting parts not included)

82.9 × 22.4 × 13.6 mm (3 3/4 × 29/32 × 9/16 inches)

Dimension (w/h/d)

83.1 × 22.8 × 14.2 mm (3 3/8 × 29/32 × 9/16 inches)

Mass

Approx. 29 g (Approx. 1.1 oz)

Continued ⇩

Minimum System Requirements (for the player)

- Computer
  IBM PC/AT or compatible computer preinstalled with the following Windows operating systems:
  - Windows 2000 Professional (Service Pack 4 or later)
  - Windows XP Home Edition (Service Pack 2 or later)
  - Windows XP Professional (Service Pack 2 or later)
  - Windows XP Media Center Edition (Service Pack 2 or later)
  - Windows XP Media Center Edition 2004 (Service Pack 2 or later)
  - Windows XP Media Center Edition 2005 (Service Pack 2 or later)
  - Windows Vista Home Basic
  - Windows Vista Home Premium
  - Windows Vista Business
  - Windows Vista Ultimate

  Not supported by 64 bit version OS.
  Not supported by OSs other than above.
- CPU: Pentium III 450 MHz or higher (For Windows Vista, Pentium III 800 MHz or more)
- RAM: 128 MB or more (For Windows Vista, 512MB or more)
- Hard Disk drive: 200 MB or more of available space (1.5 GB or more is recommended)
  More space may be required, depending on the version of the operating system.
  Additional space is required for storing music data.
- Display:
  - Screen Resolution: 800 × 600 pixels (or higher) (recommended 1,024 × 768 or higher)
  - Colors: High Color (16 bit) (or higher) (SonicStage may not operate properly at color settings at or below 256 colors.)
- CD-ROM drive (supporting Digital Music CD playback capabilities using WDM)
  To create original CDs or to back up audio CDs, a CD-R/RW drive is required.
- Sound board
- USB port (Hi-Speed USB is recommended)
- Internet Explorer 5.5 or later needs to be installed.
- Internet connection is required to use the CD Data Base (CDDB) or Electronic Music Distribution (EMD).

We do not guarantee operation for all computers even if they meet the above System Requirements.

Not supported by the following environments:

- Personally constructed computers or operating systems
- An environment that is an upgrade of the original manufacturer-installed operating system
- Multi-boot environment
- Multi-monitor environment
- Macintosh

Design and specifications are subject to change without notice.

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