SONY

WALKMAN

Operation Guide

NWZ-B133 / B135 / B133F / B135F

The following FCC statement applies only to the version of this model manufactured for sale in the USA. Other versions may not comply with FCC technical regulations.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

If you have any questions about this product:

Visit: www.sony.com/walkmansupport
Contact: Sony Customer Information Service Center at 1-(866)-456-7669
Write: Sony Customer Information Service Center 12451 Gateway Blvd., Fort Myers, FL 33913

Declaration of Conformity

Trade Name: SONY
Model No.:   NWZ-B133F/B135F
Responsible Party: Sony Electronics Inc.
Address: 16530 Via Esprillo, San Diego CA 92127 U.S.A.
Telephone Number: 858-942-2230

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.
To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo, Japan. The Authorized Representative for EMC and product safety 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.

Notice for users

- The recorded song is limited to private use only. Use of the song beyond this limit requires permission of the copyright holders.
- Sony is not responsible for incomplete recording/downloading or damaged file 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.

On sample audio data

The player is pre-installed with sample audio data. To delete this audio data, delete it using Windows Explorer.

If you delete sample audio data, you cannot restore it. We cannot supply any replacement data.

On static electricity from the human body

On rare occasions, you may not be able to operate the player due to strong static electricity from the human body. If this happens, leave the player for about 30 seconds to one minute. You will then be able to operate the player normally again.

Table of Contents

Getting Started

Thank you for purchasing the NWZ-B133/B135/B133F/B135F[*1].
By transferring songs from your computer to the player, you can enjoy them wherever you go. You can also listen to FM radio (NWZ-B133F/B135F only) and record voice using the player.

Supplied Accessories

Please check the accessories in the package.

☐ Headphones (1)
☐ Operation Guide (this manual)[*2] (1)
☐ Quick Start Guide[*3] (1)
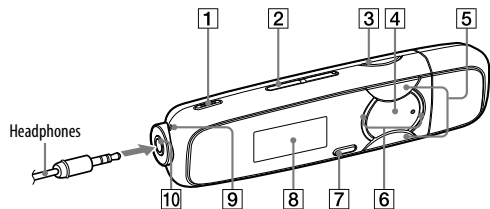
About the serial number

The serial number provided for the player is required for the customer registration. The number is shown on the rear of the player.

Note on formatting the player

- 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 46).
- The Operation Guide (PDF file) is stored in the built-in flash memory of the player. If the built-in flash memory is formatted, all files including the Operation Guide (PDF file) will be erased. Be sure to verify the files stored in memory prior to formatting, and export necessary files to the hard disk of your computer or other device.
  If you format the built-in flash memory of the player by accident, download the Operation Guide (PDF file) from the support web site (☞ page 47) and store it in the built-in flash memory of the player.

[*1] Depending on the country/region in which you have purchased the player, some models may not be available.
[*2] Depending on the country/region in which you have purchased the player, the Operation Guide is supplied only by PDF file in the player's memory (not a printed manual).
[*3] The Quick Start Guide is not supplied when your Operation Guide is supplied by a printed manual.

Parts and Controls

Front

Headphones

10 9 8 7 6

1 2 3 4 5

1 **REC/STOP button** (☞ pages 36, 39)
Starts/stops recording. You can record the sound from the microphone or the currently received FM program (NWZ-B133F/B135F only).

2 **VOL +**[*1]/**– button**
Adjusts the volume.

3 **BASS button** (☞ page 28)
Activates the Bass function to emphasize the low sound range.

4 **▶Ⅱ**[*1] **button** (☞ pages 13, 19)
Turns on/off the player (☞ page 16). Starts/pauses song playback, or pauses/restarts recording. When a menu appears on the display, use this button to confirm the menu item.

5 **Ⅰ◀◀ /▶▶Ⅰ button** (☞ pages 13, 23)
Selects a song, album, artist, folder or menu item. You can also skip to the beginning of the song/album/artist/folder, fast-forward or fast-rewind.

6 **Power Illuminator**
Illuminated by LED (☞ page 44). The pattern of the illumination varies according to the operation.

7 **BACK/HOME**[*2] **button** (☞ page 13)
Returns to the previous menu. Press and hold this button to display the HOME menu.

8 **Display** (☞ page 22)

9 **Microphone** (☞ page 39)

10 **Ⅵ (Headphone) jack**
When connecting the headphones, insert the plug until it clicks into place. If connected improperly, it may not sound right.

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

[*2] 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.

Rear

11 12 13 14
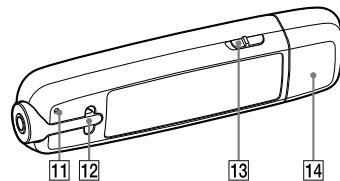
11 **RESET button** (☞ page 47)
Resets the player when you press the RESET button with a small pin, etc.
When you turn on the player after resetting it, the player reactivates the previously set items.

12 **Strap hole**
This is used to attach a strap (sold separately).

13 **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 the buttons are inoperable. If you press buttons while the HOLD function is activated, "HOLD" and the current time appears in the display. (The current time appears only when the clock is set (☞ page 44).)
If you slide the HOLD switch to the opposite position, the HOLD function is released.

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

To remove the USB cap
Remove the USB cap as shown below.

USB connector
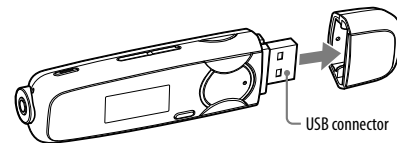
HOME menu

The HOME menu appears when you press and hold the BACK/HOME button of the player. The HOME menu is the starting point to play songs, listen to FM radio*¹, play recorded sound files, and change settings.

HOME menu

The icons appear in the HOME menu and the color of the selected icon is inverted.

💬	Voice	Plays/deletes recorded sound files (☞ page 39).
🎵	Music Library	Plays transferred songs on the player (☞ page 19).
📻	FM*¹	Plays FM radio, or plays back or deletes a recorded FM program (☞ page 29).
🧰	Settings	Sets function settings of music, FM*¹, voice recording, or the player (☞ page 42).

*¹ NWZ-B133F/B135F only

To operate the HOME menu

When menu items appear on the HOME menu, press the ◄◄ /►► button to select an item, and then press the ►❙❙ button to confirm.

You can return to the previous menu by pressing the BACK/HOME button, and you can return to the HOME menu by pressing and holding it.

For example, when you want to play back a song by selecting 🎵 (Music Library) on the HOME menu, the menu changes as follows.
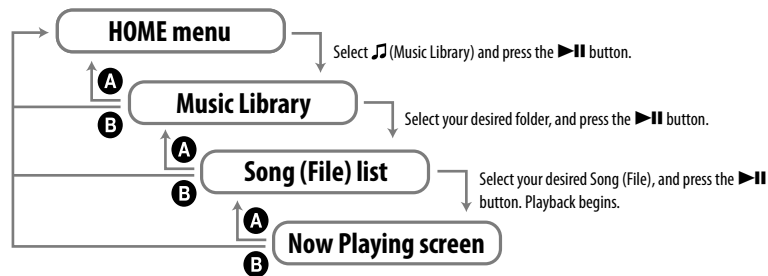
Ⓐ Press the BACK/HOME button.
Ⓑ Press and hold the BACK/HOME button.

## *Before Connecting the Player*

Before connecting the player to your computer, make sure that the OS is Windows XP (Service Pack 2 or later) or Windows Vista (Service Pack 1), and the installed Windows Media Player version on your computer is 11.

Charging the Battery

The player's battery is recharged while the player is connected to a running computer. Remove the USB cap and connect the USB connector to a USB port on your computer.

USB connector

To 🖛
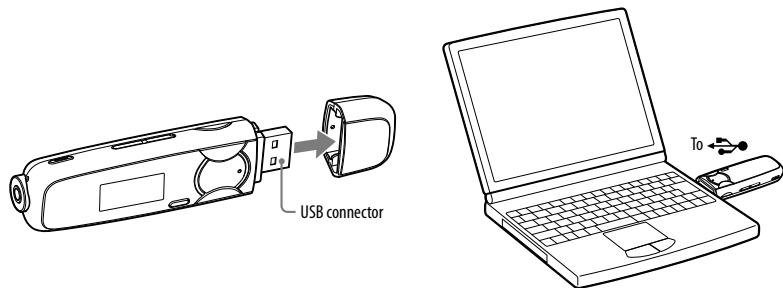
When the remaining battery indication of the display shows: **Full**, charging is complete. When you use the player for the first time, or if you have not used the player for a long time, recharge it fully until **Full** appears on the screen. For details on charging time or battery life, see ☞ page 69.

14

Note

- Be careful not to accidentally bump or put stress on the player when it is connected to your computer. It may be damaged.

On the remaining battery indication

The battery icon[1] in the display (☞ page 22) changes as shown below. See ☞ page 69 for details on battery duration.

[1] If the "USB Bus Powered" setting is set to "Low-Power 100mA" (☞ page 45), **L** appears next to the battery icon.

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

Notes

- Charge the battery in an ambient temperature of between 5 ºC to 35 ºC (41°F to 95°F).
- 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 file 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.
- If you charge the player when it has not been used for a long period, your computer may not recognize the player or nothing may appear on the display. Charge the player for about 5 minutes, and it starts operating properly.

Turning the Player On and Off

To turn on the player

Press the ▶❚❚ button to turn on the player. The player resumes the operation from the point where you last turned off.

To turn off the player

Press and hold the ▶❚❚ button to turn off the player. "POWER OFF" appears.

☿ Hint

- If there is no operation for a certain period of time while in stop mode, the display turns off automatically and the player enters standby status to save the battery power. If there is no operation for a while, the player turns off completely.

Transferring Music

Connect the player to your computer and transfer audio files to the player.

☿ Hints

- You can also transfer audio files using Windows Media Player 11. For details about usage, or support on Windows Media Player, refer to the Windows Media Player information from the following web site:
  http://support.microsoft.com/
- You can also transfer audio files from Sony Hi-Fi component systems with USB port. For details about how to transfer audio files to the player, refer to the operation instructions supplied with the device.

Notes

- Only MP3/WMA files can be played on the player (☞ page 67).
- While the player is connected, do not turn the computer or Sony Hi-Fi component systems on or off. Also, if the computer or the Sony Hi-Fi component systems is turned off during data transfer to the player, data may be damaged, or the player or the device may be broken.

1 Connect the USB connector of the player to your computer.
Insert the USB connector fully.

2 Open [My Computer] - [WALKMAN] or [Removable Disk] - [Storage Media], and then select the folder you want to store the audio files.
Data hierarchy may differ, depending on your computer environment.

3 Drag and drop the files to the selected folder.

To delete songs transferred to the player

Connect the player to your computer, and then delete any unnecessary audio files using Windows Explorer.

Notes

- Be careful not to accidentally bump or put stress on the player when it is connected to your computer. It may be damaged.
- The player does not use SonicStage software (SonicStage software, developed by Sony, manages music on a computer or transfers music to other types of players). For this player, you can transfer music simply by dragging and dropping, not using SonicStage.
- Do not disconnect the player while files are being transferred. If you do, the file being transferred may be damaged.
- If the player is disconnected while files are being transferred, unnecessary files may be left in the player. In this case, transfer usable files back to the computer and format the player (☞ page 46).
- Some files may not be played back on the player due to copyright protection.
- The player can display up to a combined total of 2,000 files and folders, and folders of up to 8 levels. Although you can transfer more files or folders to the player, the player cannot display or play any files, folders, or levels that exceed this limit.
- Data hierarchy may differ, depending on your computer environment.
- It may take time to start up the player or display the file/folder list when many files or folders are stored on the player.

Playing Music

You can listen to transferred songs on the player. The transferred songs are stored in "Music Library."

I◄◄ /►►I button

BACK/HOME button   ►II button
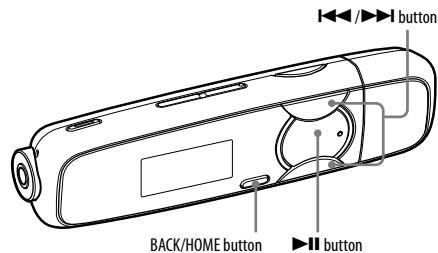
Note

- Before playing back songs:
  – Disconnect the player from the computer.
  – Release the HOLD function (☞ page 11).
  – Turn on the player (☞ page 16).
  – Confirm that the battery power is not low or exhausted (☞ page 15). If it is low or exhausted, recharge the battery (☞ page 14).

Searching for songs

You can search for desired songs in various ways, such as by folder, artist, album name, etc.

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

2 **Press the �◀◀ /▶▶▍ button to select 🎵 (Music Library), and then press the ▶▍▍ button to confirm.**

The following lists appear.
- "Now Playing": Plays back the last file you listened to.
- "Folder": Search for songs by folder.
- "All Songs": Searches for songs by song name.
- "Artist": Searches for songs by artist.
- "Album": Searches for songs by album.
- "Playlists"[1]: Search for songs by playlist.
- "Genre": Search for songs by genre.
- "Release Year": Search for songs by release year.

[1] The playlists that are created on HiFi component systems cannot be transferred.

3 **Press the ▮◀◀ /▶▶▍ button to select an item, and then press the ▶▍▍ button to confirm.**

To find the song you want, repeat this step.

4 **Press the ▮◀◀ /▶▶▍ button to select a song, and then press the ▶▍▍ button to confirm.**

Playback starts.

☼ Hint

- You can edit or change ID3 tag information and the playlist using Windows Media Player 11. For details about usage, or support on Windows Media Player, refer to the Windows Media Player information from the following web site:
http://support.microsoft.com/

Notes

- Only songs that have ID3 tag information can be automatically classified by the player.
- If the song does not have artist or album information, "Unknown" appears. If the song does not have a song name, name it on your computer.
- The player can display up to a combined total of 2,000 files and folders, and folders of up to 8 levels. Although you can transfer more files or folders to the player, the player cannot display or play any files, folders, or levels that exceed this limit.
- It may take time to start up the player or display the file/folder list when many files or folders are stored on the player.

To return to the previous menu

Press the BACK/HOME button.

Display

When playing back a song

[2] [1]

♫ Song 1
☐ Artist
▶ 012 ⮌SHUF BASS 📶

[3] [4] [5] [6] [7] [8]
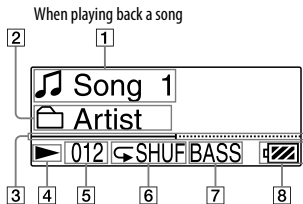
[1] **Song title/File name indication**
Displays the song title or file name currently being played back.

[2] **Playback range indication**
Displays the playback range.

[3] **Playback progress bar**
Displays playback progress.

[4] **Playing status indication**
Displays the current play mode (▶: playback, ❚❚: pause, ◀◀ (▶▶): fast-rewind (or fast-forward), ⏮ (⏭): skip to the beginning of the current (or next) song).

[5] **Current song number indication**
Displays the song number currently selected or being played back.

[6] **Play mode indication**
Displays the current play mode icon (☞ page 25). If the play mode is set to "Normal," no icon appears.

[7] **Bass function/equalizer mode indication**
Displays whether the Bass function (☞ page 28) is activated or which equalizer mode is activated (☞ page 27).

[8] **Remaining battery indication**
Displays the remaining battery power.

On other operations for playback

To	Button operation
Pause the song	Press the ▶❚❚ button.
Restart playback	Press the ▶❚❚ button while the song is paused.
Skip to the beginning of the current (or next) song	Press the ⏮ (⏭) button.
Fast-rewind (or fast-forward) the current song	Press and hold the ⏮ (⏭) button during playback and release it at the desired point.

When fast-rewinding or fast-forwarding a song

♫ Song 1
01:23 　　　　　 03:38
▶▶ 012
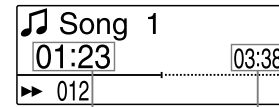
Elapsed time　　Full length of the song/file

> **`Hint`**

- The player offers a variety of play modes, including random play and selected repeat play (☞ page 25). You can also change the sound quality with the equalizer settings (☞ page 27) or the Bass function (☞ page 28).

Playing Music

Setting the Play Mode

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

1 Press and hold the BACK/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 "Music Settings," and then press the ►❚❚ button to confirm.

4 Press the ◄◄ /►►◄ button to select "Play Mode," and then press the ►❚❚ button to confirm.

5 Press the ◄◄ /►►◄ button to select the desired play mode, and then press the ►❚❚ button to confirm.

To return to the previous menu

Press the BACK/HOME button.

List of play modes

Setting item/Icon	Description
"Normal"/No icon	After the current song ends, all songs in the selected folder/album/artist are played once. (Default setting)
Repeat all/ ⟲	After the current song ends, all songs in the selected folder/album/artist are played repeatedly.
Repeat 1 song/ ⟲1	The current song is played repeatedly.
Repeat shuffle all/ ⟲SHUF	After the current song ends, all songs in the selected folder/album/artist are played in random order.

Setting the Sound Quality
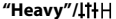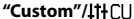
Setting the Equalizer Setting

You can set your desired sound quality to match the song, etc.

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

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

3 Press the ◄◄ /►►I button to select "Music Settings," and then press the ►II button to confirm.

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

5 Press the ◄◄ /►►I button to select the desired equalizer setting, and then press the ►II button to confirm.

To return to the previous menu

Press the BACK/HOME button.

List of equalizer settings

Setting item/Icon	Description
"None"/No icon	Turns off the equalizer (Default setting).
"Heavy"/ⅡⅡH	Emphasizes high and low ranges for a more powerful sound.
"Pop"/ⅡⅡP	Stresses the middle range audio, ideal for vocals.
"Jazz"/ⅡⅡJ	Emphasizes high and low ranges for a lively sound.
"Unique"/ⅡⅡU	Emphasizes high and low ranges, so that even soft sound can be heard easily.
"Custom"/ⅡⅡCU	User-customizable sound settings. When you press the ◄◄ /►►I button to select "Edit," and then press the ►II button, you can edit the sound setting. To edit the sound setting, press the ◄◄ /►►I button to select the band (5 bands: 100 Hz to 10 kHz) and press the ►II button to confirm. Then press the ◄◄ /►►I button to select the sound level (7 levels: -3 to +3) and press the ►II button to confirm. Repeat this step to set the sound level of every band. If you return to the previous menu using the BACK/HOME button after setting the sound level, the setting you have changed will be canceled. Be sure to press the ►II button to confirm.

> **Notes**

- If you turn on the Bass function while the equalizer setting is activated, the equalizer setting is disabled temporarily. The equalizer setting will be resumed by disabling the Bass function.
- While the Bass function is activated, you cannot change the equalizer setting.

Playing Music

Activating the Bass Function

You can also emphasize low range by pressing the BASS button. With each press, the Bass function is activated or deactivated.

⌾ Hint

- At high volume, the effect of the Bass function is limited for hearing safety.

Notes

- If you turn on the Bass function while the equalizer setting is activated, the equalizer setting is disabled temporarily. The equalizer setting will be resumed by disabling the Bass function.
- When the Bass function is activated, the power illuminator lights up (☞ page 44). However, it does not light up during FM reception.

Listening to FM Radio in the Manual Tuning Mode

Be sure to connect the headphones to the player, or the player cannot receive any FM signal.

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

2 **Press the |◀◀ /▶▶| button to select 📻 (FM), and then press the ▶II button to confirm.**

3 **Check that "Manual" is selected, and then press the ▶II button to confirm.**

The player enters the manual tuning mode.

Frequency   Preset number
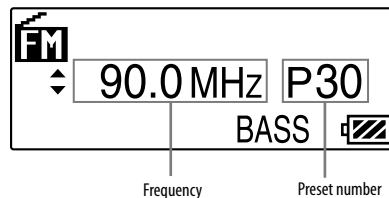
Note

- The preset number is shown only when the current frequency is already preset (☞ page 31).

4 **Press the ⏮ /⏭ button to select the previous (or next) frequency.**

The frequency is changed by 0.1 MHz.

To	Button operation
Select the next frequency	Press the ⏭ button.
Select the previous frequency	Press the ⏮ button.
Select the next receivable broadcast station	Press and hold the ⏭ button.
Select the previous receivable broadcast station	Press and hold the ⏮ button.

Hints

- By pressing and holding the ⏮ (⏭) button during FM reception, the previous (or next) broadcast station is found. If the broadcast station is receivable, the signal is accepted.
- By pressing the ▶II button during FM reception, the player pauses the FM reception. If you press the ▶II button again, the player resumes FM reception.

To return to the previous menu

Press the BACK/HOME button.

To improve the reception

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

Listening to FM Radio in the Preset Tuning Mode

Presetting Desired Broadcast Stations

You can automatically preset up to 30 receivable broadcast stations (P01 to P30) in your area using the "FM Auto Preset" function.
When you use the FM tuner for the first time, or when you move to a new area, we recommend presetting receivable broadcast stations using the "FM Auto Preset" function.

Note

- The "FM Auto Preset" operation will delete previously preset broadcast stations.

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

2 **Press the ⏮ /⏭ button to select 🗄 (Settings), and then press the ▶II button to confirm.**

3 **Press the ⏮ /⏭ button to select "FM Settings," and then press the ▶II button to confirm.**

4 **Press the ⏮ /⏭ button to select "FM Auto Preset," and then press the ▶II button to confirm.**

5 **Press the I◀◀ /▶▶I 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 lowest frequency preset station is received.

🔆 Hint

• By pressing the ▶II button during FM reception, the player pauses the FM reception. If you press the ▶II button again, the player resumes FM reception.

To stop automatic presetting

Select "Cancel" in step 5 and press the ▶II button to confirm.

To return to the previous menu

Press the BACK/HOME button.

To preset broadcasting stations manually

1 **Select the desired frequency (☞ page 29, 35).**

2 **Press the BACK/HOME button to return to the FM menu, press the I◀◀ /▶▶I button to select "Add Preset," and then press the ▶II button to confirm.**

3 **Press the I◀◀ /▶▶I button to select the preset number you want to assign to the current frequency, and then press the ▶II button to confirm.**

If you select a preset number that is already assigned to another frequency, the message confirming whether to replace the setting appears. Selecting "OK" and pressing the ▶II button will replace the setting.

To delete a preset broadcast station

1 Start FM reception (☞ page 29, 35).

2 Press the BACK/HOME button to return to the FM menu, press the ⏮ /⏭ button to select "Delete Preset," and then press the ▶❚❚ button to confirm.

3 Press the ⏮ /⏭ button to select the preset number you want to delete, and then press the ▶❚❚ button to confirm.

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

The preset broadcast station is deleted.

Note

- You can preset/delete broadcast stations only during FM reception.

Selecting Broadcast Stations in the Preset Tuning Mode

You cannot select broadcast stations if no broadcast stations are preset. Preset the receivable stations using the "FM Auto Preset" function (☞ page 31), or preset the broadcast stations manually (☞ page 33).

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

2 Press the ⏮ /⏭ button to select 📻 (FM), and then press the ▶❚❚ button to confirm.

3 Press the ⏮ /⏭ button to select "Preset" and then press the ▶❚❚ button to confirm.

The player enters the preset tuning mode.

FM

P30   90.0 MHz

BASS
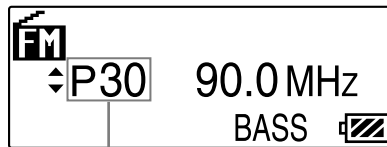
Preset Number

4 Press the ⏮ /⏭ button to select the previous (or next) preset number.

Recording FM Radio

1 Press and hold the REC/STOP button while listening to the station you want to record.

The player goes to standby for recording.

2 Press the REC/STOP button.

Recording starts.

3 To stop recording, press the REC/STOP button.

The recording is saved as a file named FRnnnn*[1].wav in the [Record] - [FM] folder.

*[1] File names are automatically assigned from "FR0001.wav" to "FR9999.wav."

ϔ Hints

- You can also record FM radio by pressing briefly the REC/STOP button in step 1, selecting "OK," and pressing the ▶Ⅱ button to confirm.
- Recording in poor reception areas may result in noise. Record in a stronger reception areas.
- To pause recording, press the ▶Ⅱ button. Press it again to resume recording.

Notes

- If you rename files of the [Record] folder on your computer, or put files which have been imported to your computer back into the [Record] folder, you may not be able to play them on the player.
- The programs and sound files recorded by the player can be played back on the player or on a computer.
- You cannot change the bit rate for recording FM programs. Only "High" is available.

Playing Back Recorded FM Radio Programs

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

2 Press the ⊪◀◀ /▶▶⊩ button to select 🖻 (FM), and then press the ▶Ⅱ button to confirm.

3 Press the ⊪◀◀ /▶▶⊩ button to select "Play Rec Data," and then press the ▶Ⅱ button to confirm.

4 Press the ⊪◀◀ /▶▶⊩ button to select a recorded FM radio program you want, and then press the ▶Ⅱ button to confirm.

ϔ Hint

- To listen to all recorded FM radio programs, select "Play All" in step 4.

To return to the previous menu

Press the BACK/HOME button.

To delete recorded FM radio programs

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

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

3 **Press the I◄◄ /►►I button to select "Delete Rec Data," and then press the ►II button to confirm.**

4 **Press the I◄◄ /►►I button to select the recorded FM radio program you want to delete, and then press the ►II button to confirm.**

5 **Press the I◄◄ /►►I button to select "OK," and then press the ►II button to confirm.**
The selected FM radio program is deleted.

☼ Hints
- To delete all recorded FM radio programs, select "Delete All" in step 4.
- To stop deleting, select "Cancel" in step 5.

Listening/Recording Voice

Recording Sound

You can record sound from the microphone of the player and play recorded sound files using the "Voice" menu. The recorded sound will be encoded into ADPCM format.

Note
- You cannot record sound during FM reception (NWZ-B133F/B135F only) or in the "Setting" function. Change the function to "Voice" or "Music Library" to record sound.

1 **In the "Voice" or "Music Library" function, press and hold the REC/STOP button.**
The player goes to standby for recording.

2 **Press the REC/STOP button.**
Recording starts.

3 **To stop recording, press the REC/STOP button.**
The recording is saved as a file named VRnnnn[1].wav in the [Record] – [Voice] folder.
[1] File names are automatically assigned from "VR0001.wav" to "VR9999.wav."

☼ Hints
- You can also record sound by pressing briefly the REC/STOP button in step 1, selecting "OK," and pressing the ►II button to confirm.
- To pause recording, press the ►II button. Press it again to resume recording.
- You can change the bit rate of the audio file. For details, see "Rec Settings"(☞ page 43).

Notes

- If you rename files of the [Record] folder on your computer, or put files which have been imported to your computer back into the [Record] folder, you may not be able to play them on the player.
- The programs and sound files recorded by the player can be played back on the player or on a computer.

Playing Back the Recorded Sound Files

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

2 **Press the ⏮ /⏭ button to select 💬 (Voice), and then press the ▶❚❚ button to confirm.**

3 **Press the ⏮ /⏭ button to select "Play Rec Data," and then press the ▶❚❚ button to confirm.**

4 **Press the ⏮ /⏭ button to select a recorded sound file you want, and then press the ▶❚❚ button to confirm.**

Hint

- To listen to all recorded sound files, select "Play All" in step 4.

To return to the previous menu

Press the BACK/HOME button.

To delete the recorded sound files

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

2 **Press the ⏮ /⏭ button to select 💬 (Voice), and then press the ▶❚❚ button to confirm.**

3 **Press the ⏮ /⏭ button to select "Delete Rec Data," and then press the ▶❚❚ button to confirm.**

4 **Press the ⏮ /⏭ button to select the recorded sound file you want to delete, and then press the ▶❚❚ button to confirm.**

5 **Press the ⏮ /⏭ button to select "OK," and then press the ▶❚❚ button to confirm.**

The selected sound file is deleted.

Hints

- To delete all recorded sound files, select "Delete All" in step 4.
- To stop deleting, select "Cancel" in step 5.

Changing the Settings

You can change the various settings using the "Settings" menu. The following procedure is the basic way to change settings.

1 Press and hold the BACK/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 the item you want, and then press the ▶︎❚❚ button to confirm.

4 Repeat step 3 and change its value, and then press the ▶︎❚❚ button to confirm each time.

To return to the previous menu

Press the BACK/HOME button.

"Music Settings"

Setting	Description
"Play Mode"	Selects a variety of play modes, including random play and selected repeat play. For details, see "Setting the Play Mode"(☞ page 24).
"Equalizer"	Selects a desired sound quality according to the music genre, etc. For details, see "Setting the Sound Quality"(☞ page 26).

"FM Settings" (NWZ-B133F/B135F only)

Setting	Description
"Scan Sensitivity"	Adjusts sensitivity to find broadcast stations. If the player does not find your desired broadcast station due to weak reception, set to "High." If the reception is too sensitive and the player receives signals from unwanted stations, set to "Low." "High" is set by default.
"FM Auto Preset"	Presets receivable broadcast stations automatically. For details, see "Presetting Desired Broadcast Stations"(☞ page 31).

"Rec Settings"

Setting	Description
"Voice Record Codec" (voice record settings)	Selects a level of recording quality from "Low," "Mid," or "High." The higher the level is, the more memory the player uses for recording sound. "Mid" is set by default.

Settings

"Common Settings"

Setting	Description
"Set Date-Time"	Adjusts the date and time. To set a numerical value, use the ⏮ /⏭ button. To move the highlighted slider, use the ▶❚❚ button.
"AVLS(Volume Limit)"	Sets "AVLS(Volume Limit)" (Automatic Volume Limiter System) on or off. "AVLS ON" limits the maximum volume to prevent disturbing others nearby, while still providing a comfortable listening volume level. "AVLS OFF" is set by default.
"Beep"	Sets the beep sound when buttons are pressed to on/off. To turn on the beep sound, set to "Beep ON." To turn off the beep sound, set to "Beep OFF." "Beep ON" is set by default.
"Power Save Mode"	Sets the power save setting. When set to "Save ON Normal," the power save screen appears in the display when no operation is performed for about 15 seconds. When set to "Save ON Super," the screen goes blank when no operation is performed for about 15 seconds. This setting consumes the least battery power. When set to "Save OFF," the icon(s) or letter(s) appears in the display constantly during playback or FM reception (NWZ-B133F/B135F only). "Save ON Normal" is set by default.
"LED"	Turns the power illuminator on/off. To turn on the power illuminator, set to "LED ON." To turn off the power illuminator, set to "LED OFF." "LED ON" is set by default.

Setting	Description
"Contrast"	Adjusts the screen contrast. To adjust the numerical value, use the ⏮ /⏭ button. You can adjust the contrast of the screen (+7 to -7).
"USB Bus Powered"	Sets the rate of battery charging. When set to "High-Power 500mA," the player will be charged at 500 milliampere per second. The player will be charged quickly. When set to "Low-Power 100mA," the player will be charged at 100 milliampere per second. Although the player is charged slower, the stability of data transferring will be improved. "High-Power 500 mA" is set by default.

"Information"

Information such as the model name, built-in flash memory capacity, and firmware version can be displayed.
1: model name
2: built-in flash memory capacity
3: version information for the player's firmware

"Language"

Selects the display language from "English," "Español," "Français," "Português," "Русский," "简体中文," "繁體中文," or "한글."

Settings

"Initialize"

| Setting	Description
"Reset All Settings"	You can reset the player to the default settings. Resetting the player does not delete the songs you have transferred to the player. If you want to reset all the settings, select "OK" to confirm.
"Format"	You can format the built-in flash memory of the player. If the memory is formatted, all files will be erased and all setting values returned to their defaults. Be sure to verify the files stored in memory prior to formatting and export any necessary files to the hard disk of your computer or other device beforehand. If you want to format the player, select "OK" to confirm.

Notes

- When the remaining battery power is low, you cannot format the player. Charge the battery before formatting.
- Do not format the built-in flash memory using Windows Explorer.

Troubleshooting

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 files and settings on the player may be deleted.
When you turn on the player after resetting it, the player reactivates the previously set items.

RESET button
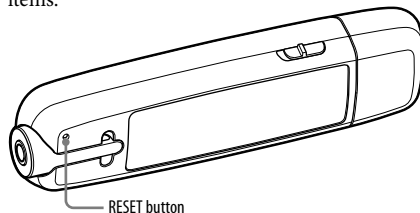
3 **Look for information about the issue on one of the support Web sites.**
For customers in the USA, visit: http://www.sony.com/walkmansupport
For customers in Canada, visit: http://www.sony.ca/ElectronicsSupport/
For customers in Europe, visit: http://support.sony-europe.com/DNA
For customers in Latin America, visit: http://www.sony-latin.com/index.crp
For customers in other countries/regions, visit: http://www.sony-asia.com/support
For customers who purchased the overseas models, visit:
http://www.sony.co.jp/overseas/support/

4 **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 10). • The headphone jack is not connected properly. → Connect the headphone jack properly (☞ page 10). • 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.	• The battery power is consumed. → Charge the battery fully (☞ page 15). → If the player does not react, even after charging the battery, press the RESET button to reset the player (☞ page 47). • File content, such as a subscription, etc., is beyond the expiration/playback time restriction. → A file that is beyond its expiration/playback time restriction cannot be played. Update the file using your software.

Symptom	Cause/Remedy
Noise is generated.	• A device emitting radio signals, such as a mobile phone is being used near the player. → When using such devices as mobile phones, keep them away from the player. • Audio data is damaged. → Delete the audio file(s) then transfer again. When transferring audio files, close any other applications to avoid file 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 11). • The player contains moisture condensation. → Wait a few hours to let the player dry. • The remaining battery power is low or insufficient. → Charge the battery power by connecting to the computer (☞ page 14). → If the player does not react, even after charging the battery, press the RESET button to reset the player (☞ page 47).
Playback does not stop.	• With the player, there is no difference between stopping and pausing. When you press the ▶❚❚ button, ❚❚ appears and playback pauses/stops.
It takes time to start up the player.	• It may take time to start up the player if many files or folders are stored on the player, or if audio data transferred to the player has a lot of ID3 tag information. Wait until the start-up animation appears.

Troubleshooting

Operation (continued)

Symptom	Cause/Remedy
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 46). • The player was disconnected from the computer while files were being transferred. → Transfer usable files back to your computer and format the built-in flash memory using the "Format" menu of the player (☞ page 46).
There is no sound from the right channel of the headphones. Or the 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 10).
Playback has stopped suddenly.	• The remaining battery power is insufficient. → Charge the battery power by connecting to the computer (☞ page 14).
The player cannot format.	• The remaining battery power is low or insufficient. → Charge the battery power by connecting to the computer (☞ page 14).

Display

Symptom	Cause/Remedy
The title of a song is not displayed correctly.	• If unsupported characters are included in the title, the title will be displayed without the unsupported characters. → Rename the title with appropriate characters on the computer.
"Unknown" is displayed for a title.	• The title has no name. → Select the song or the file from the "Folder" list.
Garbled characters are displayed.	• The wrong language is selected. → Select the correct language from "Language" (☞ page 45), and then transfer data to the player again.

Power

Symptom	Cause/Remedy
The power does not turn on.	• The HOLD switch is set to the direction of the arrow (⟶). → Slide the HOLD switch to the opposite direction of the arrow (⟶) (☞ page 11). • If you press the ▶❚❚ button immediately after turning off the player, the player does not start due to the shutting down process. Wait for a few seconds, then turn on the power. • The remaining battery power is insufficient. → Charge the battery power by connecting to the computer (☞ page 14). → If the player does not react, even after charging the battery, press the RESET button to reset the player (☞ page 47). • Delete unnecessary files. → Delete unnecessary files until the combined total of files and folders becomes 2,000 or less. → At least 20 MB of free space is necessary to function normally. If you want to check the free space, open [My Computer] – [WALKMAN] or [Removable Disk], right-click [Storage Media]*[1] to display the menu, and then select [Properties]. *[1] Data hierarchy may differ, depending on your computer environment.

Troubleshooting

Power (continued)

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. • By adjusting the settings or managing the power supply properly, it is possible to save battery power and use the player for a longer time (☞ page 44). • The battery needs to be replaced. → Consult your nearest Sony dealer. • Copyright-protected contents are being played. → When copyright-protected contents are played, battery life may be shorter.
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 outside the range of 5 °C (41°F) to 35 °C (95°F). → Charge the battery in an ambient temperature of between 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.
Charging completes very quickly.	• If the battery is already almost fully charged when charging begins, little time is needed to reach full charge.

Recording

Symptom	Cause/Remedy
"MEMORY FULL" is displayed even though the maximum recording time is not reached.	• The player can display up to a combined total of 999 files and folders. Although you can transfer more files or folders to the player, the player cannot display or play any files, folders, or levels that exceed this limit. → Delete unnecessary files until the combined total of files and folders becomes 999 or less. → Export the recorded files to a computer.
The remaining recording time remains the same even though files are deleted.	• Due to system restrictions, the remaining recording time may not improve if only short files are deleted.
Cannot record.	• There is not enough free space in the built-in flash memory. → Delete unnecessary files. → Export the recorded files to a computer. Necessary free space may vary, depending on the bit rate or recording time. • The player can display up to a combined total of 999 files and folders. Although you can transfer more files or folders to the player, the player cannot display or play any files, folders, or levels that exceed this limit. → Delete unnecessary files until the combined total of files and folders becomes 999 or less. → Export the recorded files to a computer. • The player is connected to a computer. → Disconnect the player from the computer.

Troubleshooting

Recording (continued)

Symptom	Cause/Remedy
The combined total of the recorded time and the remaining time does not equal the maximum recording time.	• When you record many short files, they may be recorded with automatically inserted blank spaces between files due to system restrictions. This causes an increase in total recorded time and results in the mismatch.
Recorded files cannot be deleted.	• The file or the folder which cannot be deleted is set to [Read-only] on a computer. → Delete the data using Windows Explorer. • The battery power is low or exhausted. → Charge the battery fully (☞ page 14).
The folder is not deleted even though recorded files have all been deleted.	• Files other than the recorded files are included in the folder. → Open the folder using Windows Explorer, and delete all the files other than files recorded by the player.

Connection with the computer

Symptom	Cause/Remedy
"CONNECTED USB" 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. → Connect the player directly to a USB port, as connection via a USB hub may not work. However, a USB hub that supplies power can be used. • 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.

Symptom	Cause/Remedy
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. → Connect the player directly to a USB port, as connection via a USB hub may not work. However, a USB hub that supplies power can be used. • The USB port on your computer may have a problem. Connect the player's USB connector to another USB port on your computer.
Audio files cannot be transferred to the player from your computer.	• Transferring may be stopped due to influences such as static electricity, etc. → This happens to protect data information. Disconnect the player, then reconnect it. • The player's USB connector is not connected to a USB port on your computer properly. Make sure that "DATA ACCESS" or "CONNECTED USB" appears on the display. → Disconnect the player, and then reconnect it. • There is not enough free space in the built-in flash memory. → Delete unnecessary songs to increase free space. • Abnormal file(s) exists on the player. → Transfer your necessary files back to your computer and format the player (☞ page 46). • An audio file is damaged. → Delete the audio file then transfer it again. When transferring the audio file, close any other applications to avoid file damage.

Troubleshooting

Connection with the computer (continued)

Symptom	Cause/Remedy
Only a small number of songs can be transferred to the player.	• There is not enough free space in the built-in flash memory. → Delete unnecessary songs to increase free space. • Non-audio data is stored in the built-in flash memory. → Move non-audio files to the computer to increase free space.
The player becomes unstable while it is connected to the computer.	• A USB hub is being used. → Connect the player directly to a USB port, as connection via a USB hub may not work. However, a USB hub that supplies power can be used.

FM Tuner (NWZ-B133F/B135F 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 29).
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 is not extended enough. → The headphone cord functions as an antenna. Extend the headphone cord as far as possible.
The FM broadcast is affected by interference.	• A device emitting radio signals, such as a mobile phone is being used near the player. → When using such devices 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 44).
The player gets warm.	• The player may be warm when the battery is being charged and just after charging. The player also may become warm when a large amount of files are transferred. This is normal and is 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 14) and set the date and time again (☞ page 44).
All settings of the player have been reset.	• You moved, deleted, or renamed the system files. Or, the built-in flash memory of the player was formatted using other than the "Format" menu of the player. → If you do any of the above operations, the system will be restructured and all settings of the player will be reset when you disconnect the player from the computer or other devices. If the player does not function normally after you format the player using other than the "Format" menu of the player, format the built-in flash memory using the "Format" menu of the player (☞ page 46).

Troubleshooting

To initialize (format) the player

Be sure to format the built-in flash memory using the "Settings" menu on this player, following the procedure below. (Check all contents before formatting, as all data stored will be erased.)

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

2 Select ▤ (Settings) – "Initialize" – "Format" – "OK," in this order.
Press the ⏮ /⏭ button to select the item, and then press the ▶⏸ button to confirm.
After selecting "OK" and confirming, "FORMATTING…" appears and formatting starts. When formatting is complete, "COMPLETE" appears.

Messages

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

Message	Meaning	Remedy
AVLS (blinks)	The volume level exceeds the rated value while "AVLS(Volume Limit)" is enabled.	Turn the volume down or disable "AVLS(Volume Limit)" (☞ page 44).

Message	Meaning	Remedy
CANNOT EXCUTE	• You are trying to preset/delete broadcast stations while the player is not in the FM function. • You are trying to change the equalizer setting while the Bass function is activated.	• Change the function to "FM", and then preset/delete broadcast stations. • Disable the Bass function, and then change the equalizer setting.
CHARGING	The battery is being charged.	This is not an error. Wait until the battery is charged fully. However, you can use the player with the battery not charged fully.
DATA ACCESS	Accessing the built-in flash memory.	This message appears while the built-in flash memory is being accessed. Please wait for access to complete.
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.
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 delete it from the built-in flash memory.

Troubleshooting

Message	Meaning	Remedy
FILE ERROR	• The file cannot be read. • The file is not normal. • The player cannot play certain files because of incompatible formats. • Transferring has been interrupted.	• Transfer the normal audio file back to the computer and then format the player. • If the song which cannot be played is unnecessary, you can delete it from the built-in flash memory.
FORMAT ERROR	File systems have been corrupted due to invalid formatting.	Format the built-in flash memory using the "Format" menu of the player (☞ page 46).
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 11).
LOW BATTERY	The battery is low.	Charge the battery (☞ page 14).
MEMORY FULL	• There is not enough free space in the built-in flash memory. • You are trying to record the FM radio (NWZ-B133F/B135F only) or sound while the player has a combined total of 2,000 files and folders.	• Connect the player to the computer and delete any unnecessary songs to increase free space on the player. • You cannot record more than a combined total of 999 files and folders. Connect the player to the computer and delete any unnecessary songs or files.

Message	Meaning	Remedy
MEMORY IS FULL REMOVE CONTENT	• The data base cannot be made because the memory of the player is full. • You are trying to record the FM radio (NWZ-B133F/B135F only) or sound while the player has a combined total of 2,000 files and folders.	• Delete unnecessary files. At least 20 MB of free space is necessary to function normally. You can check the free space by clicking [My Computer], right-clicking [WALKMAN] or [Removable Disk], and then opening the [Properties] window by left-clicking. • You cannot record more than a combined total of 999 files and folders. Connect the player to the computer and delete any unnecessary songs or files.
NO DATA	There are no audio files in the built-in flash memory.	Transfer audio files.
NO ITEM	No song exists in the selected item.	Transfer audio files.
READ ONLY	You are trying to delete [Read-only] songs.	Delete the data using Windows Explorer.
CONNECTED USB	The player is connected to a computer.	This is not an error. You cannot operate the controls on the player while connected to a computer.

Troubleshooting

Additional Information

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, 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.

  - 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.

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.
- Note that condensation may form temporarily in cases such as when the player is moved quickly from a low-temperature environment to a high temperature environment or used in a room that has a heater just turned on. Condensation creates a phenomenon where moisture in the air adheres to surfaces such as metal panels, etc., and then changes to liquid. If condensation forms in the player, leave it turned off until the condensation disappears. If you use the player with condensation present, a malfunction may result.

On the LCD

- Do not push the LCD screen strongly. 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 the connection with USB devices

- While the player is connected, do not turn the USB device on or off. Also, if the USB device is turned off during data transfer to the player, data may be damaged, or the player or device may be broken.

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.

Additional Information

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 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 the player cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- Operation of this player with software other than that provided is not covered by the warranty.
- 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.

About the customer support Web sites

If you have any questions or issues with this product, or would like information on compatible items 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/index.crp
For customers in other countries/regions: http://www.sony-asia.com/support
For customers who purchased the overseas models:
http://www.sony.co.jp/overseas/support/

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 (Windows Media Audio)
  32 to 192 kbps variable bit rate-compliant, 44.1 kHz

[*1] Sampling frequency may not correspond to all encoders.

Maximum recordable number of songs and time (Approx.)

The approximate times are based on a transferred 4-minute MP3 format song.
Other playable audio file format song and time number may be different than MP3 format.

	NWZ-B133/B133F		NWZ-B135/B135F	
Bit rate	Songs	Time	Songs	Time
48 kbps	650	43 hr. 20 min.	1,320	88 hr. 00 min.
64 kbps	495	33 hr. 00 min.	1,000	66 hr. 40 min.
128 kbps	245	16 hr. 20 min.	500	33 hr. 20 min.
256 kbps	120	8 hr. 00 min.	250	16 hr. 40 min.
320 kbps	99	6 hr. 30 min.	200	13 hr. 20 min.

Additional Information

Maximum recordable time (Approx.)

The times below are estimated for the case where only FM (NWZ-B133F/B135F only) or Voice audio files are stored. The time may differ, depending on the conditions under which the player is used.

	NWZ-B133/B133F	NWZ-B135/B135F
Codec[1]	Time	Time
Voice Recording High	11 hr. 50 min.	24 hr. 20 min.
Voice Recording Mid	23 hr. 40 min.	48 hr. 50 min.
Voice Recording Low	47 hr. 30 min.	97 hr. 40 min.
FM Recording	5 hr. 50 min.	12 hr. 10 min.

[1] The player uses MS-ADPCM codec for recording the sound and the FM programs.

Capacity (User available capacity)[1]

NWZ-B133/B133F: 1 GB (Approx. more than 889 MB = 932,773,888 bytes)
NWZ-B135/B135F: 2 GB (Approx. more than 1.77 GB = 1,903,001,600 bytes)

[1] Available storage capacity of the player may vary.
A portion of the memory is used for data management functions. Documents (PDF file): approx. 21 MB.

Output (headphones)

Frequency response:
20 to 20,000 Hz (when playing data file, single signal measurement)

FM tuner (NWZ-B133F/B135F only)

- Preset: 30 presets
- FM Frequency range[1]: 87.5 to 108.0 MHz

[1] The frequency is changed by 0.1MHz.

IF (FM)

Unsupported

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 170 mA lithium-ion battery
- USB power (from a computer through a USB connector of the player)

Charging time

USB-based charging
Approx. 70 minutes

Battery life (continuous playback)[1] (Approx.)

[1] During continuous playback at power save mode (☞ page 44) "Save ON Super," when "LED" (☞ page 44) is set to "LED OFF," "Equalizer," "Bass" are not in use. Actual battery life may vary based on usage patterns, environment and battery condition.

Status of the player	NWZ-B133/B135/B133F/B135F
Playback at MP3 128 kbps	16 hours
Playback at WMA 128 kbps	14 hours
At receiving FM broadcasting (NWZ-B133F/B135F only)	6 hours

Display

3-line LCD

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

89.5 × 25.0 × 15.0 mm ($3^5/_8 \times 1 \times {}^{19}/_{32}$ inches)

Dimension (w/h/d)

90.7 × 25.0 × 15.2 mm ($3^5/_8 \times 1 \times {}^5/_8$ inches)

Mass

Approx. 29 g (Approx. 1.1 oz)

Additional Information

System Requirements

- Computer

 IBM PC/AT or compatible computer preinstalled with the following Windows operating systems:
 Windows XP Home Edition (Service Pack 2 or later) / Windows XP Professional (Service Pack 2 or later) / Windows Vista Home Basic (Service Pack 1) / Windows Vista Home Premium (Service Pack 1) / Windows Vista Business (Service Pack 1) / Windows Vista Ultimate (Service Pack 1)
 Not supported by 64 bit version OS.
 Not supported by OSs other than above.
- CPU: For Windows XP, Pentium III 300 MHz or higher (For Windows Vista, Pentium III 800 MHz or higher)
- RAM: 64 MB or more (For Windows Vista, 512 MB or more)
- USB port (Hi-Speed USB is recommended)
- Internet Explorer 6.0 or later, and Windows Media Player 11 need to be installed.
- Broadband Internet connection is required to use Electronic Music Distribution(EMD) or to visit the web site.

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.

Index

Additional Information

License and Trademark Notice

- "WALKMAN" and "WALKMAN" logo are registered trademarks of Sony Corporation.
- Microsoft, Windows, Windows Vista and Windows Media are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- Adobe and Adobe Reader are trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- IBM and PC/AT are registered trademarks of International Business Machines Corporation.
- Macintosh is a trademark of Apple Inc.
- Pentium is a trademark or a registered trademark of Intel Corporation.
- All other trademarks and registered trademarks are trademarks or registered trademarks of their respective holders. In this manual, ™ and ® marks are not specified.

This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

Content providers are using the digital rights management technology for Windows Media contained in this device ("WM-DRM") to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyright, in such content is not misappropriated.
This device uses WM-DRM software to play Secure Content ("WM-DRM Software"). If the security of the WM-DRM Software in this device has been compromised, owners of Secure Content ("Secure Content Owners") may request that Microsoft revoke the WM-DRM Software's right to acquire new licenses to copy, display and/or play Secure Content. Revocation does not alter the WM-DRM Software's ability to play unprotected content. A list of revoked WM-DRM Software is sent to your device whenever you download a license for Secure Content from the Internet or from a PC. Microsoft may, in conjunction with such license, also download revocation lists onto your device on behalf of Secure Content Owners.

Additional Information

- Information on Expat
  Copyright ©1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper.
  Copyright ©2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
  Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:
  The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
  THE SOFTWARE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
  IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.