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NWZ-E363/E364

User Guide

Use this manual if you encounter any problems, or have any questions about the player.

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Before first use

Thank you for purchasing this “WALKMAN.”

This User Guide explains how to transfer music, videos and photos to the player and how to use various functions of it. Browse this User Guide for necessary information.

Before you start using the player, be sure to read “Important Information” that contains important information on the use of the player. To read it, click “Important Information” in the side bar on the left of the browser window.

Also, “Quick Start Guide” supplied with the player contains important information for you.

For information about the customer support Web site, see [\[Details\]](#).

About model names mentioned in this User Guide

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

About Windows operating system and Windows Media Player

Make sure that the operating system is Windows XP (Service Pack 3 or later), Windows Vista (Service Pack 1 or later) or Windows 7 (*1), and the installed Windows Media Player version on your computer is 11 (Windows XP/Windows Vista) or 12 (Windows 7).

For details about usage or support on Windows Media Player, refer to Windows Media Player information from the following web site:

<http://support.microsoft.com/>

(*1) [Compatibility mode] for Windows XP is not supported.

About battery charging

The battery might not be charged at time of purchase. See [\[Details\]](#) for how to charge the battery.

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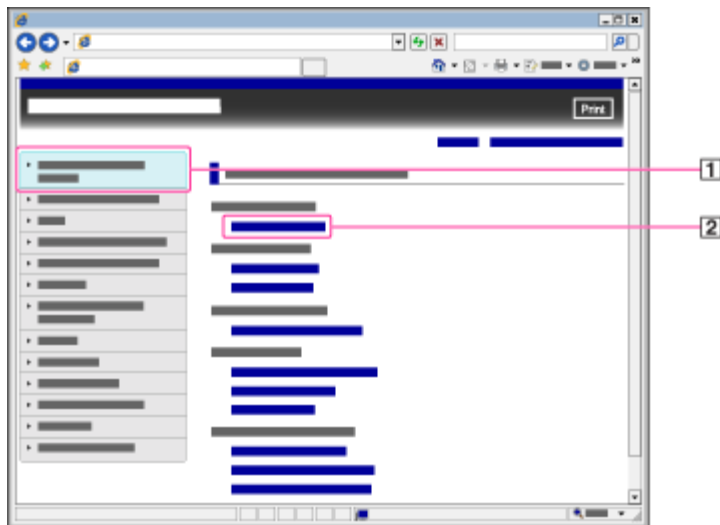
- ▼ [Selecting a topic to display](#)
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This User Guide explains how to use each function of the player, how to change settings, and how to troubleshoot a problem.

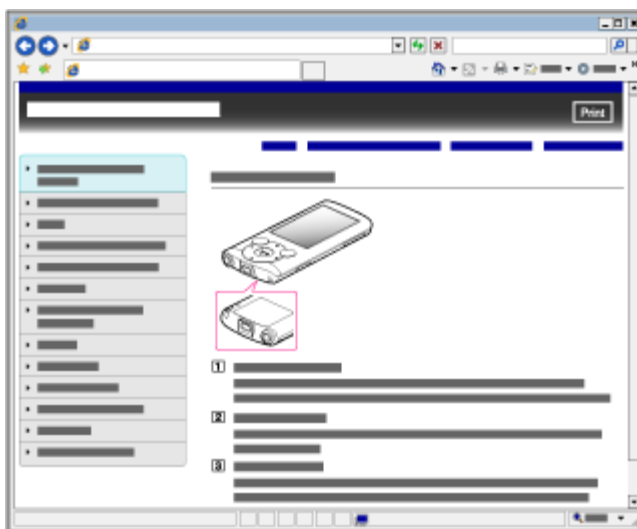
Selecting a topic to display

Internet Explorer 7 is used for illustration purposes.

1. Click a title (**1**) in the side bar on the left of the browser window.
The title's topic list appears in the right pane.
2. Click a topic title (**2**) in the list.



Descriptions appear in the right pane.

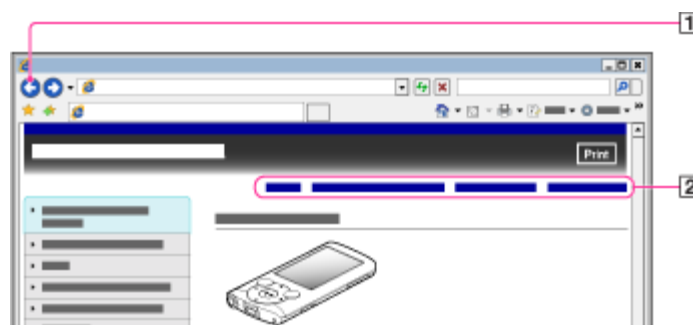


Changing the font size

You can change the font size by changing the setting of your web browser. For how to change the font size setting, refer to the Help of your web browser.

Returning to a previous page

Use the back button of your web browser (**1**) or breadcrumb trail navigation (**2**) to return to a page you previously viewed.



Printing out a page

Click the print button (**1**) to print out a page you are viewing.



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What you can do with "WALKMAN"

▼ Enjoying music, videos and photos transferred from a computer

Your "WALKMAN" incorporates various functions. This page introduces some of its major features to you.

You need to transfer music, videos or photos from a computer to your "WALKMAN" to enjoy them.

■ Enjoying music, videos and photos transferred from a computer

To enjoy music, videos or photos, use bundled software (Content Transfer) or supported software (Windows Media Player) to transfer them from a computer to the player. For how to install the bundled software, refer to "Quick Start Guide."



🎵 Music

There are several ways to transfer music to the player. See [\[Details\]](#) for how to transfer your favorite songs to the player. After transferring, see [\[Details\]](#) for how to play them back.

🎬 Videos/🖼️ Photos

There are several ways to transfer videos or photos to the player. See [\[Details\]](#) for how to transfer them to the player. After transferring, see [\[Details\]](#) for how to watch videos, or [\[Details\]](#) for how to view photos.

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Operation flow to enjoy music

You need to have music files on your computer before transferring them to the player and playing back. There are various ways to obtain music files, such as importing from CDs, purchasing at online music stores, downloading from the Internet, and so on. Be careful that the player can play back music files in supported formats only. Also, copyright protected music files may not be playable depending on their copyright protection. For details about supported file formats, see [\[Details\]](#). Once you have music files on your computer, you are ready to transfer them to the player. You can transfer music to the player in the following three ways.

Transferring music from CDs using Windows Media Player

You can import music from your CDs, etc., to your computer, and transfer them to the player using Windows Media Player.



For how to use Windows Media Player, see the following topics.

- Windows Media Player [\[Details\]](#)
- Importing music from CDs using Windows Media Player [\[Details\]](#)
- Transferring music using Windows Media Player [\[Details\]](#)

Transferring music from iTunes, etc., using Content Transfer

If you have already managed music with iTunes, etc., you can transfer them to the player using Content Transfer.



For how to use Content Transfer, see the following topics.

- Content Transfer [\[Details\]](#)
- Transferring music using Content Transfer [\[Details\]](#)

Transferring music by drag-and-drop using Windows Explorer

You can directly transfer music stored on your computer by drag-and-drop using Windows Explorer.



For how to use Windows Explorer, see the following topic.

- Transferring music using Windows Explorer [\[Details\]](#)

Hint

- For detailed information on how to import music, refer to the Help of each software.
- For details about supported file formats, see [\[Details\]](#).
- 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 in the above three ways, not using SonicStage. ATRAC files managed by SonicStage can be transferred to the player after conversion to MP3 file format.
- The maximum number of files per folder in the [MUSIC] folder is 4,000.

Note

- During data transfer between the player and a computer, [Do not disconnect.] appears on the player's screen. While [Do not disconnect.] is displayed, do not disconnect the USB cable. Otherwise, the data being transferred or the data stored in the player may be damaged.
- Do not leave the player connected for extended periods to a laptop computer that is not connected to AC power, since the player may discharge the computer's battery.
- If you turn on or restart the computer while the player is connected to the computer, the player may malfunction. In this case, press the RESET button of the player to reset it [\[Details\]](#). Disconnect the player from the computer before turning on or restarting the computer.

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Operation flow to enjoy videos and photos

You need to have video/photo episode files on your computer before transferring them to the player and playing back.

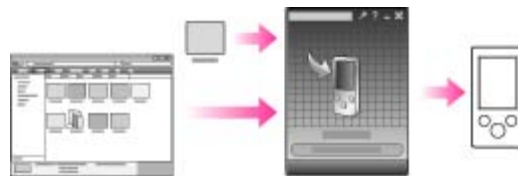
You can import videos from recorded videos or download from the Internet, etc. You can import photos from a digital camera or download from the Internet, etc.

Be careful that the player can play back files in supported formats only. Also, copyright protected files may not be playable depending on their copyright protection. For details about supported file formats, see [\[Details\]](#).

Once you have video/photo files on your computer, you are ready to transfer them to the player. You can transfer video/photo files to the player in the following three ways.

Transferring videos/photos using Content Transfer

You can transfer videos/photos stored on your computer to the player using Content Transfer.



For how to use Content Transfer, see the following topics.

- Content Transfer [\[Details\]](#)
- Transferring videos/photos using Content Transfer [\[Details\]](#)

Transferring videos/photos by drag-and-drop using Windows Explorer

You can directly transfer videos/photos stored on your computer by drag-and-drop using Windows Explorer.



For how to use Windows Explorer, see the following topic.

- Transferring videos/photos using Windows Explorer [\[Details\]](#)

Transferring videos/photos using Windows Media Player

You can transfer videos/photos managed with Windows Media Player to the player.

For details about usage or support on Windows Media Player, refer to Windows Media Player information from the following web site:

<http://support.microsoft.com/>

Also, see the following topic.

- Windows Media Player [\[Details\]](#)

Hint

- For detailed information on how to import videos/photos, refer to the Help of each software.
- For details about supported file formats, see [\[Details\]](#).

- The maximum number of files per folder in the [PICTURE], [PICTURES] or [DCIM] folder is 4,000.

Note

- Commercial DVDs and Blu-ray Discs are copyright protected and cannot be transferred to the player.

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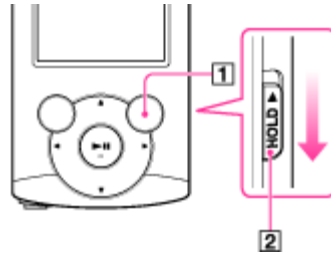
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Turning the player on and off

▼ To turn on the player

▼ To turn off the player



1 OPTION/PWR OFF button

2 HOLD switch

If [On hold... Cancel HOLD function to activate controls.] appears on the screen, slide the HOLD switch in the opposite direction of the arrow ➡ on the right side of the player to cancel the HOLD function.

| To turn on the player

Press any button to turn the player on.

| To turn off the player

Press and hold the OPTION/PWR OFF button [\[Details\]](#). [POWER OFF] appears, the player enters standby mode, and the screen turns off.

Hint

- Set the date and time on the player before using it [\[Details\]](#).
- During pause, if there is no operation for about 3 minutes, the player automatically enters standby mode, and the screen turns off. In standby mode, press any button to turn on the screen again.
- While the player is in standby mode, if there is no operation for about 4 hours, the player completely turns off automatically.

Note

- You cannot operate the player when it is connected to a computer. Disconnect the USB cable before operating the player.
- After connecting to a computer with the USB cable, the resume information of the last played song, video, photo, etc., is cleared. Reselect the desired content from the list screen.
- The player consumes battery power very slightly even when it is in standby mode. Therefore, the player might unexpectedly turn off completely, depending on the power remaining in the battery.

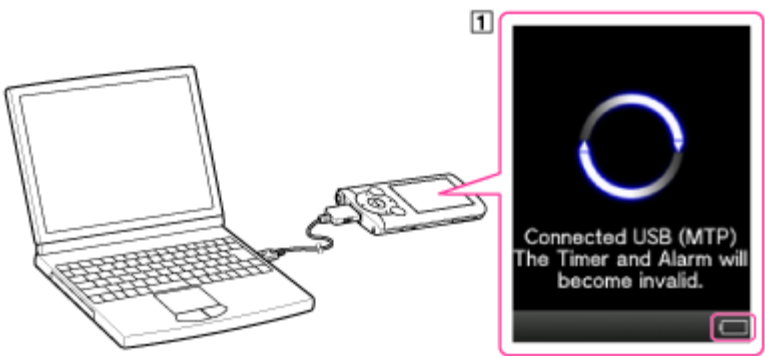
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Charging the battery

▼ About the battery indicator

The player's battery is recharged while the player is connected to a running computer. When you connect the player to your computer, use the USB cable (supplied).



1 Display

When charging the battery, you can check the battery charging status.

Battery charging status on the display

Status	Description
	Charging (*1)
	Charging is completed (*1).
Blank screen	The battery is not being charged (*2).

(*1) Charging time is approx. 2 hours. When charging is completed, disconnect the player from the USB connector of your computer.

(*2) If the computer enters a power saving mode, such as the Sleep or Hibernation mode, the player's screen may turn off. In this case, the player consumes battery power.

Hint

- Depending on the computer, changing the settings of the Sleep or Hibernation mode varies. Refer to the manufacturer.
- 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 the battery charge indicator displays).

About the battery indicator


The battery indicator in the information area shows the remaining battery charge.



As the battery power gets lower, the bars of the icon disappear. If [LOW BATTERY. Please Charge.] appears, you cannot use the player. In this case, charge the battery by connecting to

your computer. See [\[Details\]](#) on battery duration.

Note

- 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, after which it should start operating normally again.
- Charge the battery in an ambient temperature of between 5 °C to 35 °C (41 °F to 95 °F). If you try to charge the battery in an ambient temperature outside this range, the  icon may appear, and charging cannot be performed.
- The number of times the battery can be recharged before it is used up is approximately 500 times. This number may vary, 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.
- [Do not disconnect.] appears in the display while the computer accesses the player. During this time, do not disconnect the USB cable (supplied); otherwise, data being transferred (or data already in the player) may be damaged.
- The control buttons on the player become inoperative while it is connected to a computer.
- To prevent battery deterioration, charge the battery at least once every half a year or every year.
- Some USB devices connected to the computer may interfere with proper operation of the player.
- We do not guarantee battery recharging using a personally assembled/modified computer.
- If the computer enters a power saving mode, such as the Sleep or Hibernation mode, while the player is connected via the USB cable, the player's battery will not be charged. Instead, the player continues to draw power from the battery, discharging it.
- Do not leave the player connected for extended periods to a laptop computer that is not connected to AC power, since the player may discharge the computer's battery.
- While the player is connected to a computer, do not turn on, restart, wake up from sleep mode, or shut down the computer. These operations may cause the player to malfunction. Disconnect the player from the computer before performing these operations.
- Heat may build up in the player while charging. This is not a malfunction.
- After connecting to a computer with the USB cable, the resume information of the last played song, video, photo, etc., is cleared. Reselect the desired content from the list screen.

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About battery life

- ▼ [Turn off the player manually](#)
- ▼ [Longer battery life settings](#)
- ▼ [Adjust data format and bit rate](#)

By adjusting the settings or managing the power supply properly, it is possible to save battery power for longer usage time between charges.

The following hints will yield a longer battery life.

Turn off the player manually

If you press and hold the OPTION/PWR OFF button, the player enters standby mode and the screen turns off to save battery power. Furthermore, if standby mode continues for more than about 4 hours, the player turns completely off automatically.

Longer battery life settings

The following settings are effective for extending the battery life of the player.

- Reduce the [Brightness] setting value.
- Set [Type] of [Screensaver] to [Blank].
- Set [Equalizer], [Clear Stereo] and [Dynamic Normalizer] to [None] or [Off].

See [\[Details\]](#) for details on the effect of setting changes, default settings, and battery life measurement conditions.

Adjust data format and bit rate

Playing time will vary, as battery charge can be affected by the format and bit rate of songs, videos or photos that are played.

For details on charging time and usage time, see [\[Details\]](#).

Related Topics

[Charging time](#)

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[Top page](#) > [Getting Started](#) > [Initial Settings](#) > [Selecting the display language \[Language Settings\]](#)

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▶ How to Use the Software

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Selecting the display language [Language Settings]

You can select from a variety of languages for menus and messages.

1. From the Home menu, select  [Settings] → [Language Settings] → desired language setting.

Language	Messages and menus are displayed in
[Deutsch]	German
[English]	English
[Español]	Spanish
[Français]	French
[Italiano]	Italian
[Polski]	Polish
[Português]	Portuguese
[Русский]	Russian
[Türkçe]	Turkish
[한국어]	Korean
[简体中文]	Simplified Chinese
[繁體中文]	Traditional Chinese

Related Topics

[How to use the Home menu](#)

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Setting the current time [Set Date-Time]

▼ To display the current time

You can set the date and time.

1. From the Home menu, select  [Settings] → [Common Settings] → [Set Date-Time].
2. Press the ◀ / ▶ button to select the year, and then press the ▲ / ▼ button to change the value.
3. As in step 2, adjust the settings for month, date, hour, and minutes, and then press the ▶|| button to confirm.

■ To display the current time

- Select  [Clock Display] on the Home menu.
- Press the OPTION/PWR OFF button on the Home menu or the playback screen, and select [Clock Display] from the option menu.

Hint

- You can select the date format from [YYYY/MM/DD], [MM/DD/YYYY], or [DD/MM/YYYY] [\[Details\]](#). Furthermore, you can select the time format from either [12-hour] or [24-hour] [\[Details\]](#).

Note

- If battery power is used up because, for example, the player has not been used for a long time, your settings for date and time may be lost, and “-” will be displayed instead of the current date and time.
- The clock may gain or lose up to 60 seconds per month. In this case, set the clock again.

Related Topics

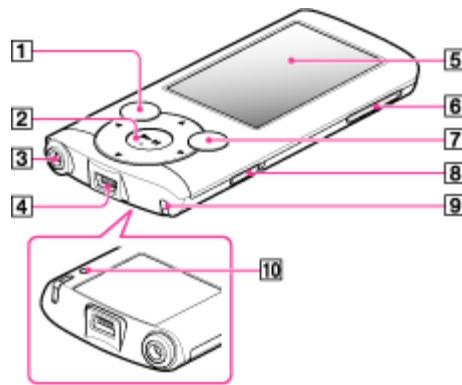
[How to use the Home menu](#)

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Parts and controls



- 1** BACK/HOME button [\[Details\]](#)
Press to go up one list screen level, or to return to the previous menu.
Press and hold the BACK/HOME button to display the Home menu.
- 2** 5-way button (*1) [\[Details\]](#)
Press to start playback or navigate through the player's on-screen menus.
(*1) There is a tactile dot. Use it to help with button operations.
- 3** Headphone jack
Insert the headphone plug until it clicks into place. If the headphones are connected improperly, the sound from the headphones will be impaired.
- 4** USB connector
Connect the USB cable (supplied).
- 5** Display
- 6** VOL + (*1)/- button
Press to adjust the volume.
(*1) There is a tactile dot. Use it to help with button operations.
- 7** OPTION/PWR OFF button [\[Details\]](#)
Press to display the option menu.
If you press and hold the OPTION/PWR OFF button, the screen turns off and the player enters standby mode [\[Details\]](#).
- 8** HOLD switch
You can protect the player against accidental operation during transportation by setting the HOLD switch. By sliding the HOLD switch in the direction of the arrow ➡, all operation buttons are disabled. If you slide the HOLD switch in the opposite position, the HOLD function is released.
- 9** Strap hole
This is used to attach a strap (not supplied).
- 10** RESET button [\[Details\]](#)
Press the RESET button with a small pin, etc., to reset the player.

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About the software

▼ Bundled software

▼ Compatible software

You can use several software shown below to manage music, videos and photos on your computer or transfer them to the player.

■ Bundled software

Content Transfer

Content Transfer can transfer music, videos or photos from a computer to the player by a simple drag-and-drop operation. You can use Windows Explorer or iTunes, etc., to drag-and-drop data to Content Transfer. Content Transfer can also convert a video file of a format not supported by the player into a playable format. For details on operation, refer to the Help of the software. Transferable files: Music (MP3, WMA, AAC, WAV), Photo (JPEG), Video (WMV (*1))

(*1) Some WMV files cannot be played back after being transferred by Content Transfer. If you retransfer them using Windows Media Player, they may become playable.

WALKMAN Guide

The User Guide (this manual) and a useful list of links are available to you.

■ Compatible software

Windows Media Player

Windows Media Player can import audio data from CDs and transfer data to the player.

Transferable files: Music (MP3, WMA), Video (WMV), Photo (JPEG)

For details on operation, refer to the Help of the software, or visit the following website.

<http://support.microsoft.com/>

Related Topics

[Importing music from CDs using Windows Media Player](#)

[Transferring music using Windows Media Player](#)

[Transferring music using Content Transfer](#)

[Transferring videos/photos using Content Transfer](#)

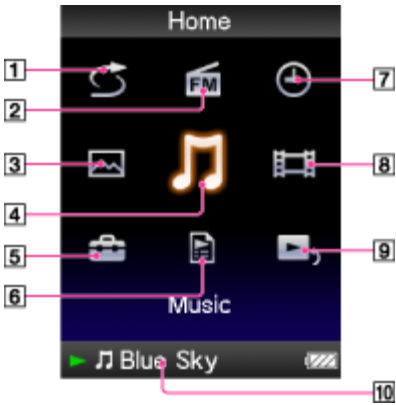
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About the Home menu

The following list shows the items of the Home menu.

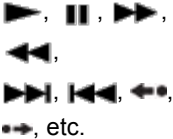




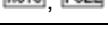






- 1** [Shuffle All] [\[Details\]](#)
Listen to all the songs stored on the player in random order.
- 2** [FM Radio] [\[Details\]](#)
Listen to FM radio broadcasting.
- 3** [Photos] [\[Details\]](#)
View photos transferred to the player.
- 4** [Music] [\[Details\]](#)
Listen to songs transferred to the player.
- 5** [Settings] [\[Details\]](#)
Set up the player and its applications.
- 6** [Playlists] [\[Details\]](#)
Listen to songs in the playlists.
- 7** [Clock Display] [\[Details\]](#)
Display the current time.
- 8** [Videos] [\[Details\]](#)
Watch videos transferred to the player.
- 9** [Now Playing]
Display the playback or display screen of the currently playing content.
- 10** Information area [\[Details\]](#)

About the information area

The icons shown in the table below appear in the information area. The icons vary according to the playback status, setting or screen.
For details about the icons, see each reference page.

Icons	Description

	Music playback status [Details] , video playback status [Details] , and playback status of a slide show [Details]
	Song name, artist name, video title, or photo title
	FM radio
	Play mode [Details]
	Equalizer [Details]
	Zoom setting ([Auto] or [Full]) [Details]
	Remaining battery power [Details]
	Alarm timer indication [Details]
	Sleep timer indication [Details]
	Busy status indication

Related Topics

[How to use the Home menu](#)

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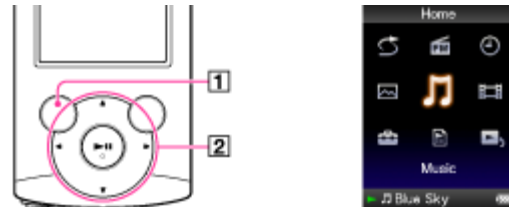
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How to use the Home menu

The Home menu is the starting point of each application, such as searching for songs, changing settings, etc.

You can display the Home menu by pressing and holding the BACK/HOME button of the player.



1 BACK/HOME button

2 5-way button

From the Home menu, you can select the desired item on the screen by using the 5-way button.

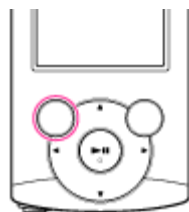
- ▲ / ▼ / ◀ / ▶ button: Selects an item.
- ►|| button: Confirms an item.

In this manual, operating instructions from the Home menu are described as below.

Example:

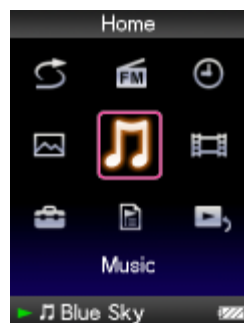
From the Home menu, select [Music] → [Album] → desired album → desired song.

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



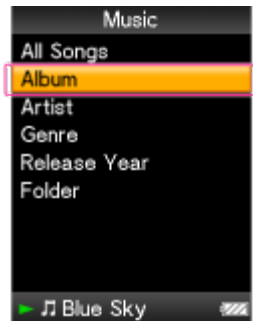
2. Press the ▲ / ▼ / ◀ / ▶ button to select [Music], and then press the ►|| button to confirm.

The [Music] screen appears.



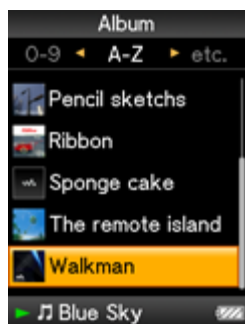
3. Press the ▲ / ▼ / ◀ / ▶ button to select [Album], and then press the ►|| button to confirm.

The album list appears.



4. Press the ▲ / ▼ / ◀ / ▶ button to select an album, and then press the ►|| button to confirm.

The song list for the selected album appears.



5. Press the ▲ / ▼ / ◀ / ▶ button to select a song, and then press the ►|| button to confirm.

The music playback screen appears and playback begins.



To return to the Home menu during operation

Press and hold the BACK/HOME button.

To return to the previous screen during operation

Press the BACK/HOME button.

Related Topics

[How to use the option menu](#)

[About the Home menu](#)

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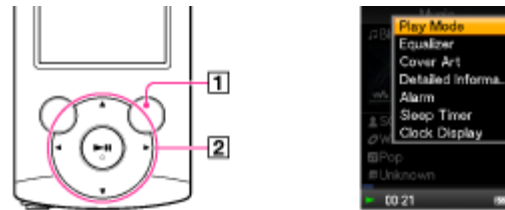
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How to use the option menu

The option menu items vary depending on the function, allowing you to change the settings of each application.

You can display the option menu by pressing the OPTION/PWR OFF button. Press the OPTION/PWR OFF button once more to dismiss the option menu.



1 OPTION/PWR OFF button

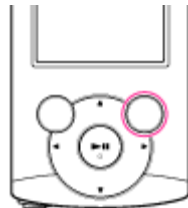
2 5-way button

From the option menu, you can select the desired item on the screen by using the 5-way button.

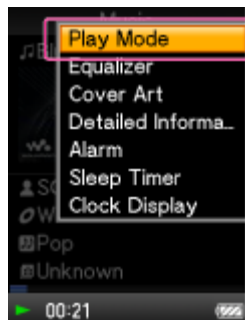
- ◀ / ▶ / ▲ / ▼ button: Selects a menu item.
- ▶|| button: Confirms an item.

For example, the operations for setting [Play Mode] option to [Shuffle] are shown below.

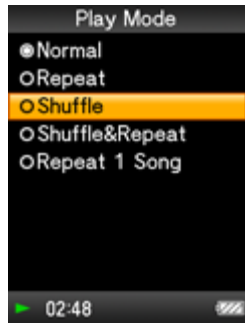
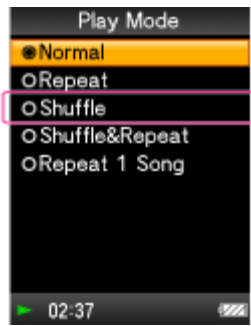
1. From the music playback screen, press the OPTION/PWR OFF button.
The option menu appears.



2. Press the ▲ / ▼ / ◀ / ▶ button to select [Play Mode], and then press the ▶|| button to confirm.



3. Press the ▲ / ▼ / ◀ / ▶ button to select [Shuffle], and then press the ▶|| button to confirm.
The play mode changes to [Shuffle].



The items in the option menu differ, depending on the screen on which you press the OPTION/PWR OFF button.

Related Topics

[How to use the Home menu](#)

[Using the music option menu](#)

[Using the video option menu](#)

[Using the photo option menu](#)

[Using the FM radio option menu](#)

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Importing music from CDs using Windows Media Player

You can use Windows Media Player to copy (rip) music from your CDs. Follow these instructions to rip songs from a CD to your computer.



Hint

- For details about usage or support on Windows Media Player, refer to Windows Media Player information from the following web site:
<http://support.microsoft.com/>

1. Insert an audio CD.
2. Start up Windows Media Player, and then click the [Rip] tab at the top of the window. When connected to the Internet, Windows Media Player obtains CD information (CD title, song name or artist name, etc.), and displays it in the window.
3. Click [Start Rip].
Windows Media Player begins to import the CD.
The imported songs are indicated as [Ripped to library]. Wait until all songs have been imported.

Hint

- Imported songs are stored in the [My Music] folder (Windows XP/Windows 7) or [Music] folder (Windows Vista) of the computer. Click the [Library] tab of the Windows Media Player window to find them.
- Windows Media Player obtains the CD information from a database on the Internet. However, depending on the CD, information may not be available in the database. If your CDs' information is missing, you can add it after importing. For information about adding and editing CD information, refer to the Help of Windows Media Player.
If you want a song not to be imported, uncheck the checkbox to the left of the song title.

Note

- Imported songs are limited to private use only. Use of a song beyond this limitation requires permission of the copyright holders.
- Some files may not be played back on the player due to copyright protection.
- The player cannot play the audio files that use the digital rights management technology for Windows Media ("WM-DRM"). If the audio files cannot be transferred, check on Windows Media Player information about DRM from the following web site:
<http://support.microsoft.com/>

Related Topics

[About the software](#)

[Transferring music using Windows Media Player](#)

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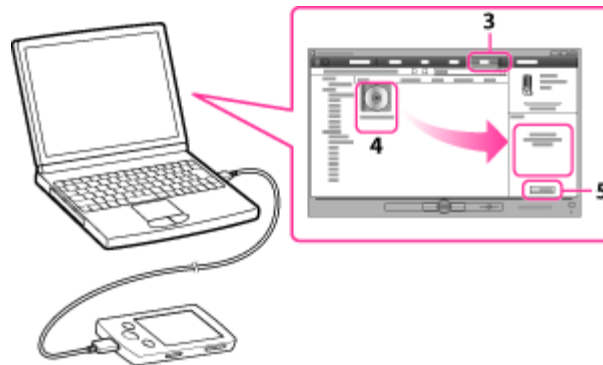
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Transferring music using Windows Media Player

You can use Windows Media Player to transfer music from your computer to the player.



Note

- Do not disconnect the USB cable while [Do not disconnect.] appears on the player, as the data being transferred may be damaged.
- If Content Transfer starts automatically after connecting the player to your computer using the USB cable (supplied), close or ignore Content Transfer as Content Transfer need not be used. For details on setting automatic start of Content Transfer, refer to the Help of Content Transfer.

Hint

- For details about usage or support on Windows Media Player, refer to Windows Media Player information from the following web site:
<http://support.microsoft.com/>

1. Start up Windows Media Player, and then connect the player to your computer using the USB cable (supplied).
 Insert the connector of the USB cable into the player.
 The [Device Setup] window appears.
2. Click [Cancel].
 Close the auto play window, if it appears, by clicking [Cancel] or the Close icon.
 - If you click [Finish] instead of [Cancel], the entire library data of Windows Media Player is automatically copied to the player. If the library data size is larger than the available storage space on the player, the copy process will not start.
 - You can open the [Device Setup] window at any time. To open it, right-click [WALKMAN] on the left side of the Windows Media Player window, and then click [Set Up Sync].
3. Click the [Sync] tab on the Windows Media Player window.
4. Drag-and-drop the desired songs to the Sync List on the right side of the window.
 The songs are added to the Sync List.
5. Click [Start Sync] to start synchronization.
 When synchronization is complete, a message confirming you can disconnect the player appears on the Sync List. After completion, close Windows Media Player, and disconnect the player from the computer.

Note

- Some files may not be played back on the player due to copyright protection.
- The player cannot play the audio files that use the digital rights management technology for Windows Media ("WM-DRM"). If the audio files cannot be transferred, check on Windows Media Player information about DRM from the following web site:
<http://support.microsoft.com/>

Related Topics

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[Importing music from CDs using Windows Media Player](#)

[Transferring music using Content Transfer](#)

[Transferring music using Windows Explorer](#)

[Playing music](#)

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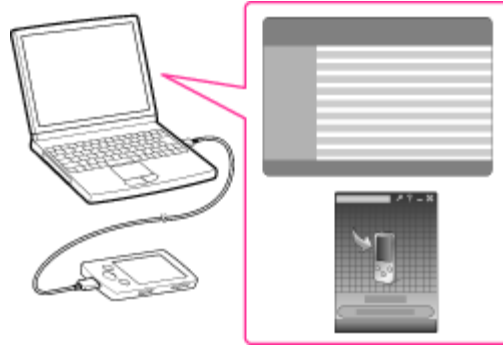
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Transferring music using Content Transfer

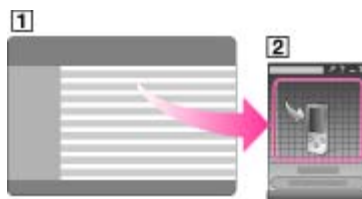
If you have already managed music with iTunes, etc., you can transfer them to the player using Content Transfer. You can use iTunes, etc., to drag-and-drop music to Content Transfer.



Note

- Do not disconnect the USB cable while [Do not disconnect.] appears on the player, as the data being transferred may be damaged.
- Content Transfer cannot be used for Windows Media Player contents.
- Contents with copyright protection cannot be transferred.
- Content Transfer supports data transfer from iTunes 10.0 to the player. For details on restrictions on transferring songs from iTunes, visit the customer support Web sites [\[Details\]](#).

1. Connect the player to your computer using the USB cable (supplied).
Insert the connector of the USB cable into the player.
Content Transfer starts automatically.
 - For details on setting automatic start and general operation of Content Transfer, refer to the Help of Content Transfer.
 - You can also click [All programs] in the [start] menu, and then [Content Transfer] - [Content Transfer] to start the software.
2. Start up iTunes, etc.
3. Select the desired songs from iTunes, etc. (**1**), and drag-and-drop them to Content Transfer (**2**).
Content Transfer recognizes the type of data by filename extension, and sends it to the appropriate folder of the player.



Related Topics

[About the software](#)

[Transferring videos/photos using Content Transfer](#)

Transferring music using Windows Media Player
Transferring music using Windows Explorer
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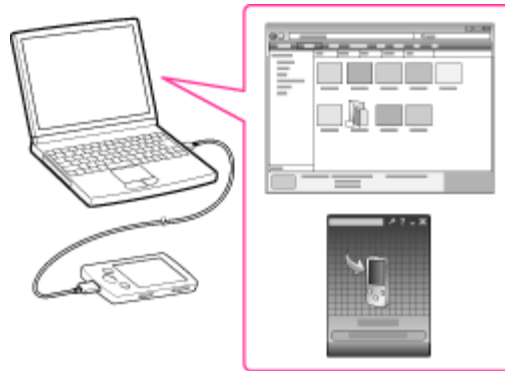
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Transferring videos/photos using Content Transfer

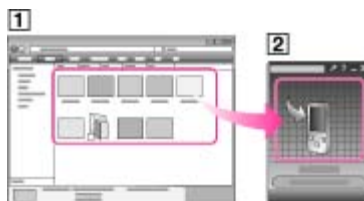
You can transfer videos/photos stored on your computer to the player using Content Transfer. You can transfer videos/photos by drag-and-drop of the desired videos/photos from Windows Explorer to Content Transfer.



Note

- Do not disconnect the USB cable while [Do not disconnect.] appears on the player, as the data being transferred or the data stored in the player may be damaged.
- Contents with copyright protection cannot be transferred.

1. Connect the player to your computer using the USB cable (supplied). Insert the connector of the USB cable into the player. Content Transfer starts automatically.
 - For details on setting automatic start and general operation of Content Transfer, refer to the Help of Content Transfer.
 - You can also click [All programs] in the [start] menu, and then [Content Transfer] - [Content Transfer] to start the software.
2. Select the desired videos/photos from Windows Explorer (**1**), and drag-and-drop them to Content Transfer (**2**).
Content Transfer recognizes the type of data by filename extension, and sends it to the appropriate folder of the player.



Related Topics

[About the software](#)

[Transferring music using Content Transfer](#)

[Transferring videos/photos using Windows Explorer](#)

[Watching videos \[Videos\]](#)

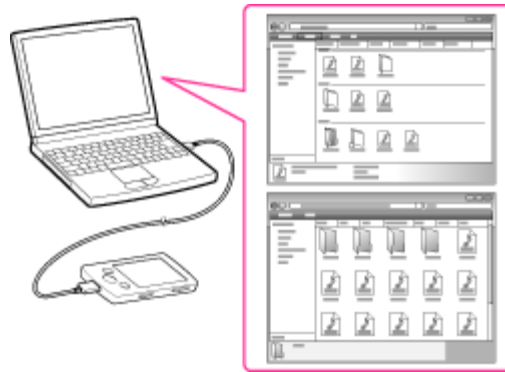
[Top page](#) > [How to Use the Software](#) > [Windows Explorer \(Drag-and-Drop\)](#) > [Transferring music using Windows Explorer](#)

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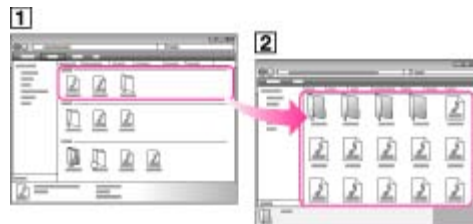
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Transferring music using Windows Explorer

You can directly transfer data by drag-and-drop using Windows Explorer on your computer.



1. Connect the player to your computer using the USB cable (supplied).
Insert the connector of the USB cable into the player.
2. Click [start] – [My Computer] or [Computer] – [WALKMAN] – [Storage Media], and then select the [MUSIC] folder.
Data hierarchy may differ, depending on your computer environment.
3. Drag-and-drop files or folders (**1**) into the [MUSIC] folder (**2**), or one of its subfolders.



Note

- Do not disconnect the USB cable while [Do not disconnect.] appears on the player. Otherwise, data being transferred or stored on the player 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 [\[Details\]](#).
- Do not change folder names or delete the [MUSIC], [MP_ROOT], [MPE_ROOT], [VIDEO], [PICTURE] and [PICTURES] folders.
- Do not change folder or file names directly under the [MP_ROOT] and [MPE_ROOT] folders. Otherwise, they will not be displayed on the player.
- Some files may not be played back on the player due to copyright protection.
- If Content Transfer starts automatically after connecting the player to your computer using the USB cable (supplied), close or ignore Content Transfer as Content Transfer need not be used. For details on setting automatic start of Content Transfer, refer to the Help of Content Transfer.

[Transferring music using Windows Media Player](#)
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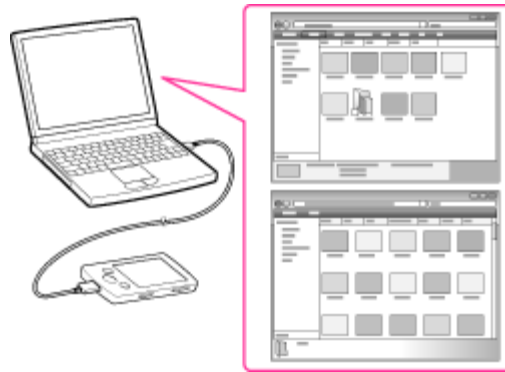
[Top page](#) > [How to Use the Software](#) > [Windows Explorer \(Drag-and-Drop\)](#) > [Transferring videos/photos using Windows Explorer](#)

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Transferring videos/photos using Windows Explorer

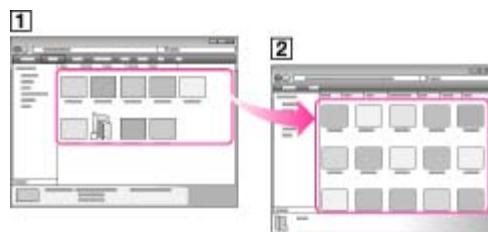
You can directly transfer data by drag-and-drop using Windows Explorer on your computer.



Hint

- Some WMV files can be played back only by transferring using Windows Media Player.

1. Connect the player to your computer using the USB cable (supplied). Insert the connector of the USB cable into the player.
2. Click [start] – [My Computer] or [Computer] – [WALKMAN] – [Storage Media], and then select the [VIDEO], [PICTURE] or [PICTURES] folder. Data hierarchy may differ, depending on your computer environment.
3. Drag-and-drop files or folders into the [VIDEO], [PICTURE] or [PICTURES] folder or one of their subfolders.
 - Video files or folders: drag and drop into the [VIDEO] folder, or one of its subfolders.
 - Photo files or folders: drag and drop into the [PICTURE] or [PICTURES] folder, or one of their subfolders.



1 Video/photo files or folders in your computer

2 Video: [VIDEO] folder in your player

Photo: [PICTURE] or [PICTURES] folder in your player

Note

- Do not disconnect the USB cable while [Do not disconnect.] appears on the player. Otherwise, data being transferred or stored on the player 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 [\[Details\]](#).
- Do not change folder names or delete the [MUSIC], [MP_ROOT], [MPE_ROOT], [VIDEO], [PICTURE] and [PICTURES] folders.

- Do not change folder or file names directly under the [MP_ROOT] and [MPE_ROOT] folders. Otherwise, they will not be displayed on the player.
- Some files may not be played back on the player due to copyright protection.
- If Content Transfer starts automatically after connecting the player to your computer using the USB cable (supplied), close or ignore Content Transfer as Content Transfer need not be used. For details on setting automatic start of Content Transfer, refer to the Help of Content Transfer.

Related Topics

[Transferring videos/photos using Content Transfer](#)

[Transferring music using Windows Explorer](#)

[Watching videos \[Videos\]](#)

[Viewing photos \[Photos\]](#)


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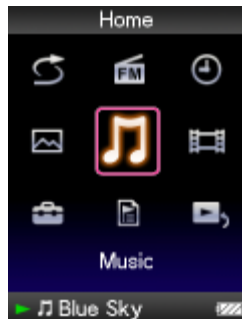
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Playing music

To play music, select  [Music] on the Home menu to display the [Music] screen.

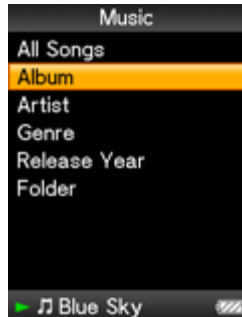
1. From the Home menu, select  [Music].



The search menu appears.

- You can select the desired search method to display the music list screen and search for songs [\[Details\]](#).

2. Select desired search method ➡ desired song.



The music playback screen appears and song playback begins.

- Select items until a song list appears.
- For details on how to operate the music playback screen, see [\[Details\]](#).

Note

- 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.

Related Topics

[Importing music from CDs using Windows Media Player](#)

[Transferring music using Windows Media Player](#)

[Transferring music using Content Transfer](#)

[Transferring music using Windows Explorer](#)

[Browsing and using the music screen](#)

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Browsing and using the music screen

▼ [Music playback screen](#)

▼ [Music list screen](#)

Music playback screen



- 1 Song name
- 2 Current song number/Total song number to be played (*1)
- 3 Artist name
- 4 Album title
- 5 Genre
- 6 Release year
- 7 Information area

(*1) These items disappear after a while.

Indication icons of the music playback screen

Icon	Description
	[Play Mode] is set to [Repeat] [Details] .
	[Play Mode] is set to [Shuffle] [Details] .
	[Play Mode] is set to [Shuffle&Repeat] [Details] .
	[Play Mode] is set to [Repeat 1 Song] [Details] .
	[Equalizer] is set to [Heavy] [Details] .
	[Equalizer] is set to [Pop] [Details] .
	[Equalizer] is set to [Jazz] [Details] .
	[Equalizer] is set to [Unique] [Details] .
	[Equalizer] is set to [Custom 1] [Details] .
	[Equalizer] is set to [Custom 2] [Details] .

Operations on the music playback screen

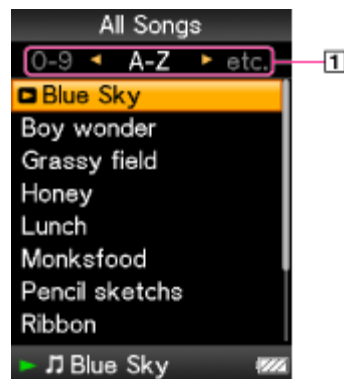
To (screen indication)	Do this
Play (▶)/pause (⏸) (*1)	Press the ▶⏸ button.
Fast forward (⏭)/ fast rewind (⏮)	Press and hold the ◀ / ▶ button.
Find the beginning of the previous (or current) song (⏮))/ find the beginning of the next song (⏭)	Press the ◀ / ▶ button.
Display the cursor and scroll all through the displayed items	Press the ▲ / ▼ button.
Return to the list screen	Press the BACK/HOME button.

(*1) During pause, if there is no operation for a while, the player automatically enters standby mode.

Music list screen

The following are examples of music list screens.

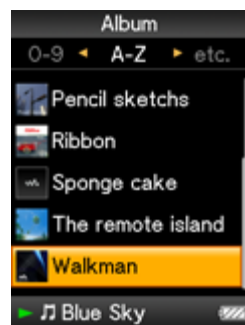
Song list screen



1 Index

The initials of song and album, etc., names in the list section appear.

Album list screen



Operations on the music list screen

To	Do this
Confirm an item in the list	Press the ▶⏸ button.

Move the cursor up or down	Press the ▲ / ▼ button. • Press and hold the ▲ / ▼ button to scroll up or down faster.
Move the cursor left/right when an index is displayed	Press the ◀ / ▶ button.
Display the previous/next screen of the list when an index is not displayed	Press the ◀ / ▶ button.
Return to the list screen of the next upper level	Press the BACK/HOME button.


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Searching for songs

When you select  [Music] on the Home menu, the search menu appears. You can select the desired search method on the search menu to search the music list for a desired song.

1. From the Home menu, select  [Music] → desired search method → desired song.
 - Select items as follows until a song list appears.

Search method

Method	Description
[All Songs]	Select a song from the all songs list.
[Album]	Select an album → song.
[Artist] (*1)	Select an artist → an album → song.
[Genre]	Select a genre → an artist → an album → song.
[Release Year]	Select a release year → an artist → song.
[Folder]	Select a folder → song.

(*1) "The" at the beginning of artist names is ignored when arranging a list.

Hint

- [All Songs], [Album], [Artist] and [Genre] lists are arranged in alphanumeric order. The [Release Year] list is arranged in reverse chronological order. In the [Folder] list, folders are displayed in name order first, then files are displayed in name order. In this case, upper or lower case letters are not distinguished.
- You can see all the songs of the selected artist, genre or release year. On the [Artist], [Genre] or [Release Year] list screen, select [All [XXX]].

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Playing the songs in a playlist

You can play lists of songs (playlists).

Playlists are created using Windows Media Player. For information on how to create a playlist, refer to the Help of Windows Media Player. Cover art images registered to a playlist are not displayed on the player.

1. From the Home menu, select  [Playlists] ➡ desired playlist ➡ desired song.

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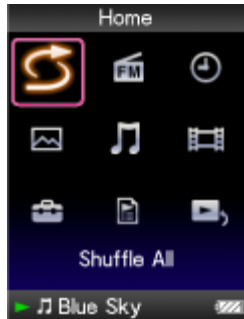
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Playing all songs in random order

All the songs stored on the player are played in random order.

1. From the Home menu, select  [Shuffle All].



All songs are shuffled. Then the music playback screen appears and playback of the songs begins.

Hint

- When you start [Shuffle All] play, the play mode changes to [Shuffle] or [Shuffle&Repeat] [\[Details\]](#). Even if you cancel [Shuffle All], the [Shuffle] or [Shuffle&Repeat] setting for the play mode is retained.
- [Shuffle All] play is automatically canceled by any of the following operations:
 - Starting playback of a song by selecting it from the [Music], etc.
 - Changing the play mode.

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Deleting songs

When you delete songs from the player, use the software you used to transfer the songs, or Windows Explorer.

For details about using the software, see the Help of the software.

Note

- You cannot delete songs without connecting the player to a computer.

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Using the music option menu

- ▼ [Option items appearing on the music playback screen](#)
- ▼ [Option items appearing on the music list screen](#)
- ▼ [Displaying the detailed information screen \[Detailed Information\]](#)
- ▼ [Displaying the cover art screen \[Cover Art\]](#)

You can bring up the music option menu by pressing the OPTION/PWR OFF button on the music list or on the music playback screen. For details on how to use the option menu, see [\[Details\]](#). The option items shown on the option menu vary depending on the screen from which you bring it up. See the reference page for settings and usage.

Option items appearing on the music playback screen

Option items	Description/reference page
[Play Mode]	Sets the play mode [Details] .
[Equalizer]	Customizes the sound quality [Details] .
[Cover Art]	Displays cover art [Details] .
[Detailed Information]	Displays detailed information of a song, such as playing time, audio format, bit rate, and file name [Details] .
[Alarm]	Sets the alarm [Details] .
[Sleep Timer]	Sets the sleep timer [Details] .
[Clock Display]	Displays the current time [Details] .

Option items appearing on the music list screen

Option items	Description/reference page
[Now Playing]	Displays the playback or display screen of the currently playing content.
[Go to FM Radio screen]	The FM Radio screen of the last received broadcast station appears [Details] .
[Detailed Information]	Displays detailed information of a song, such as playing time, audio format, bit rate, and file name [Details] .
[Go to the song playback screen]	Displays the music playback screen of the song last played.

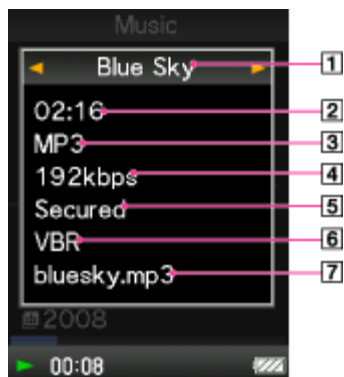
Displaying the detailed information screen [Detailed Information]

1. From the music playback screen, press the OPTION/PWR OFF button to bring up the option

menu.

2. Select [Detailed Information].

Detailed information screen



1 Song name

2 Playback time

3 File format

4 Bit rate

5 Copyrighted files

While playing back copyright protected songs, [Secured] appears.

6 Variable bit rate song

While playing back variable bit rate songs, [VBR] is shown.

7 File name

Hint

- When you display this screen from the music playback screen, you can move to the previous or next song by pressing the ◀ / ▶ button.

Displaying the cover art screen [Cover Art]

1. From the music playback screen, press the OPTION/PWR OFF button.
2. Select [Cover Art].

Cover art screen



Hint

- While the cover art screen is displayed, you can move songs to the previous or the next one by pressing the ◀ / ▶ button.
- If the songs do not have cover art information, the default picture of the player will be displayed.
- Cover art only appears if cover art information is available. You can set cover art using

Windows Media Player or another transfer capable software for setting cover art. For details on operation, refer to the Help or maker of the software. Cover art may not be displayed, depending on the cover art file format.

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Setting the play mode [Play Mode]

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

1. From the Home menu, select  [Settings] → [Music Settings] → [Play Mode] → desired play mode type.

Type - icon	Description
[Normal] - No icon	The songs within the playback range are played back in the song list order. (Default setting)
[Repeat] - 	The songs within the playback range are played back in the song list order and then repeated.
[Shuffle] - SHUF	The songs within the playback range are played back in random order.
[Shuffle&Repeat] - 	The songs within the playback range are played back in random order and then repeated.
[Repeat 1 Song] - 	The current song or the song selected from a song list is played back repeatedly.

Note

- The player plays back songs only in the lists from which the playback starts (album list, artist list, etc.).
- When you start [Shuffle All] play, the play mode changes to [Shuffle] or [Shuffle&Repeat].

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Setting the sound quality (CLEAR BASS) [Equalizer]


▼ Setting the sound quality







▼ Customizing sound quality

You can set the sound quality according to the music genre, etc.

Equalizer settings contain the CLEAR BASS setting. Increasing the CLEAR BASS setting value allows the player to reproduce dynamic deep bass without distortion, even at a high volume.

Setting the sound quality

- From the Home menu, select  [Settings] ➔ [Music Settings] ➔ [Equalizer] ➔ desired equalizer type.

Type - icon	Description
[None] - No icon	Sound quality setting is not activated. (Default setting) (*1)
[Heavy] - 	Emphasizes high and low ranges for a powerful sound.
[Pop] - 	Stresses the middle range audio, ideal for vocals.
[Jazz] - 	Emphasizes high and low ranges for a lively sound.
[Unique] - 	Emphasizes high and low ranges, so that even soft sounds can be heard easily.
[Custom 1] - 	User-customizable sound settings for which you can adjust each frequency range individually. See [Details] for details.
[Custom 2] - 	


(*1) The default setting of players sold in the Latin America region is [Custom 1], and CLEAR BASS is set to level +3.

Note

- If your personal settings saved as [Custom 1] and [Custom 2] seem to produce a different volume level than other settings, you may have to adjust the volume manually to compensate.
- The [Equalizer] setting is not applied while playing a video or FM radio.

Customizing sound quality

You can preset the value of CLEAR BASS (bass) and 5 band Equalizer as [Custom 1] or [Custom 2].

- From the Home menu, select  [Settings] ➔ [Music Settings] ➔ [Equalizer] ➔ [Edit] displayed under [Custom 1] or [Custom 2].

2. Press the ◀ / ▶ button to select CLEAR BASS or the frequency range setting, and press the ▲ / ▼ button to adjust the setting level, and then press the ▶|| button to confirm.

The [Equalizer] screen reappears.

- CLEAR BASS can be set to any of 4 sound levels, and the 5 frequency ranges can be set to any of 7 sound levels.
- After you have adjusted the setting level, be sure to press the ▶|| button to confirm. If you press the BACK/HOME button before you confirm, the setting will be canceled.

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Listening with Clear Stereo [Clear Stereo]

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

1. From the Home menu, select  [Settings] ➔ [Music Settings] ➔ [Clear Stereo] ➔ desired Clear Stereo type.

Type	Description
[On]	Activates the [Clear Stereo] function when you use the supplied headphones.
[Off]	Disables the [Clear Stereo] function and plays back normal sound. (Default setting)

Note

- The [Clear Stereo] setting is not applied while playing a video or FM radio.
- The [Clear Stereo] function is designed to obtain maximum effect with the supplied headphones. The [Clear Stereo] effect may not be obtained with other headphones. When using other headphones, set [Clear Stereo] to [Off].

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Adjusting the volume level [Dynamic Normalizer]

You can 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 differences in their recording levels.

1. From the Home menu, select  [Settings] → [Music Settings] → [Dynamic Normalizer]
→ desired Dynamic Normalizer type.

Type	Description
[On]	Minimizes the difference in volume level between songs.
[Off]	Plays back songs at their original transferred volume level. (Default setting)

Note


- The [Dynamic Normalizer] setting is not applied while playing a video or FM radio.


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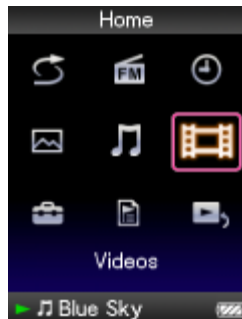
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Watching videos [Videos]

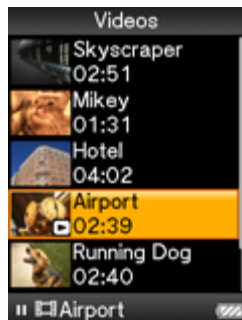
To play a video, select  [Videos] on the Home menu to display the [Videos] screen.

1. From the Home menu, select  [Videos].



The [Videos] screen appears.

2. Select desired video.



The video playback screen appears and playback of the video begins.

- For details on how to operate the video playback screen, see [\[Details\]](#).

Hint

- When [Display] is set to [On], detailed information, such as the video title, its playback icon, elapsed playing time, etc., appears while the video is playing. The information disappears if this setting is [Off] [\[Details\]](#).
- You can play back the most recently played video. Press the OPTION/PWR OFF button on the video list, and then select [Most Recent Video] from the option menu.
- Video files are displayed in the order they are transferred. (The latest data appears at the top.)
- You can set JPEG files as thumbnails of video files. When you display the video list, you can see the thumbnails (small pictures to display on the list) for the video files on the player. Use a computer to create a thumbnail, observing the following rules:
 - The thumbnail image file must be in JPEG format.
 - The image dimension must be horizontal 160 × vertical 120 dots.
 - The file name must be the same as the video file, with extension “.jpg”.
 - The thumbnail and video file must be placed in the same folder of the player.
- The maximum video size playable on the player is 240 × 320. For detailed specifications, see [\[Details\]](#).
- Videos are not played back continuously. They are played back one by one.

Note

- Up to 1,000 video files can be displayed in the video lists.

Related Topics

[Transferring videos/photos using Content Transfer](#)

[Transferring videos/photos using Windows Explorer](#)

[Browsing and using the video screen](#)

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Browsing and using the video screen

▼ Video playback screen

▼ Video list screen

Video playback screen



1 Video title



2 Elapsed time/total time

3 Progress bar

4 Information area

These indications disappear after a while.

Indication icons of the video playback screen

Icon	Description
 	Zoom setting ([Auto] or [Full]) [Details]

Operations on the video playback screen

While the player is playing back a video in horizontal orientation, the ▲ / ▼ buttons and ◀ / ▶ buttons swap functions.

To (Screen indication)	Do this
Play (▶) / pause (⏸) (*1)	Press the ▶⏸ button.
Fast forward (⏭) / fast rewind (⏮)	Press and hold the ◀ / ▶ button.
Fast forward (⏭) / fast rewind (⏮) during pause (*2)	Press and hold the ◀ / ▶ button during pause.
Forward slightly (⏩) / rewind slightly (⏪) (*3)	Press the ◀ / ▶ button during pause.

Find the beginning of the current video	Press the ▲ button.
Return to the list screen	Press the BACK/HOME button.

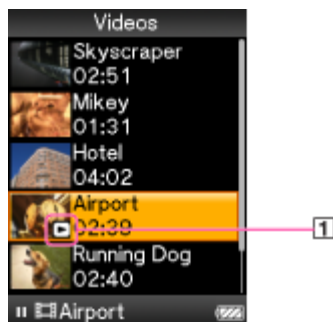
(*1) During pause, if there is no operation for a while, the player automatically enters standby mode.

(*2) The speed of fast forward/fast rewind during pause varies depending on the length of the video.


(*3) The interval of forward/rewind during pause varies depending on the video.

Video list screen

The following is an example of video list screens.



1 Playback icon

Icon	Description
 (Playback icon)	Shows that the video is currently playing.

Operations on the video list screen

To	Do this
Select an item	Press the ► button.
Move the cursor up or down	Press the ▲ / ▼ button. • Press and hold the ▲ / ▼ button to scroll up or down faster.
Display the previous/next screen of the list	Press the ◀ / ▶ button.
Return to the list screen of the next upper level	Press the BACK/HOME button.

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Deleting videos

When you delete videos from the player, use the software you used to transfer the videos, or Windows Explorer.

For details about using the software, see the Help of the software.

Note

- The player itself cannot delete videos without connecting to a computer.

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Using the video option menu

▼ Option items appearing on the video list screen

▼ Option items appearing on the video playback screen

You can bring up the video option menu by pressing the OPTION/PWR OFF button on the video list or on the video playback screen. For details on how to use the option menu, see [\[Details\]](#). The option items shown on the option menu vary depending on the screen from which you bring it up. See the reference page for settings and usage.

Option items appearing on the video list screen

Option items	Description/reference page
[Now Playing]	Displays the playback or display screen of the currently playing content.
[Go to FM Radio screen]	The FM Radio screen of the last received broadcast station appears [Details] .
[Play from beginning]	Finds the beginning of a video.
[Detailed Information]	Displays file information, such as file size, resolution, video/audio compression format, and file name, etc.
[Most Recent Video]	Starts playback of the most recently played video.
[Go to the song playback screen]	Displays the music playback screen of the song last played.

Option items appearing on the video playback screen


Option items	Description/reference page
[Play from beginning]	Finds the beginning of a video.
[Zoom Settings]	Sets the zoom function [Details] .
[Video Orientation]	Sets the video orientation [Details] .
[Display]	Sets to display/not display video information [Details] .
[Detailed Information]	Displays file information, such as file size, resolution, video/audio compression format, and file name, etc.
[Brightness]	Adjusts the brightness of the screen [Details] .
[Clock Display]	Displays the current time [Details] .
[Go to the song playback screen]	Displays the music playback screen of the song last played.





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Setting the zoom function [Zoom]

You can zoom in the currently playing video.


1. From the Home menu, select  [Settings] ➔ [Video Settings] ➔ [Zoom Settings] ➔ desired zoom setting type.

Type	Description
[Auto]	<p>The video image is resized to fit the display area, maintaining the original aspect ratio. (Default setting) When a 16:9 (wide size) video image is displayed, black bands appear on the top and bottom of the screen.</p> <div><div>1</div><div>2</div></div> <div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div>
[Full]	<p>The video image is resized to fill the available display area, maintaining the aspect ratio. When a 16:9 (wide size) video image is displayed, the right/left sides of the image are trimmed to fit.</p> <div><div>1</div><div>2</div></div> <div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div> <ul style="list-style-type: none">• The dotted line frame represents the original video image size.
	<p>The video image is not resized, and appears in the original resolution. If video resolution is too high, the left, right, top and bottom of the screen will be cut. If video resolution is too low, black bars will appear on the right, left, top and bottom of the screen.</p>

[Off]

1


Video
Beach



01:04 02:40

2

Video
Running Dog



01:04 02:40

1 16:9 source
2 4:3 source


- The dotted line frame represents the original video image size.

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Setting the display of the video screen [Display]

You can display or hide detailed information of a video, such as its title, playback icon, and elapsed playing time, etc., during playback.

1. From the Home menu, select  [Settings] → [Video Settings] → [Display] → desired display type.

Type	Description
[On]	Displays the video title, playback status, or the elapsed time, etc.
[Off]	Hides detailed information of the currently playing video and displays it only when you operate the player. (Default setting)

Note

- If [Video Orientation] is set to [Horizontal (right)], the title of the video is not displayed.

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Setting the video orientation [Video Orientation]

You can set the video orientation to [Vertical] or [Horizontal (right)].
The operation of the 5-way button is switched according to the setting of [Video Orientation].

1. From the Home menu, select  [Settings] → [Video Settings] → [Video Orientation] → desired video orientation type.

Type	Description
[Vertical]	Displays at 240 × 180 pixels. (Default setting)
	<div><div><div>1</div><div></div></div><div><div>2</div><div></div></div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div>
[Horizontal (right)]	Displays at 320 × 240 pixels.
	<div><div><div>1</div><div></div></div><div><div>2</div><div></div></div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div>

Hint

- When [Display] is set to [On], detailed information, such as the video title, its playback icon, and elapsed playing time, etc., appears. The information disappears if this setting is set to [Off] [\[Details\]](#).

Note

- If [Video Orientation] is set to [Horizontal (right)], the video title is not displayed.

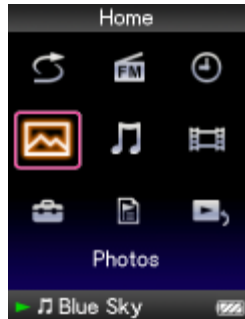
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Viewing photos [Photos]

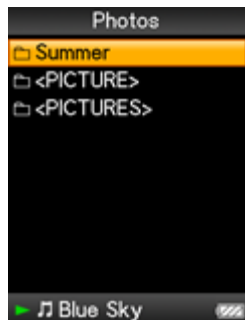
To view photos, select  [Photos] on the Home menu to display the [Photos] screen.

1. From the Home menu, select  [Photos].



The [Photos] screen appears.

2. Select desired folder → desired photo.



The photo display screen appears.

- Press the ◀ / ▶ button to display the previous or next photo.
- For details on how to operate the photo display screen, see [\[Details\]](#).


Hint

- In the photo folder list, only folders containing photos are displayed in alphabetical order.
- Playback of songs continues even while you are searching for photos in the photo folder lists or photo lists, or when the photo display screen is displayed.
- You can display the photos in a selected folder continuously (slide show play) [\[Details\]](#).
- You can arrange photos transferred to the player by folder. Select the player (as [WALKMAN]) using Windows Explorer, and drag and drop a new folder just under the [PICTURE] or [PICTURES] folder. For details on data hierarchy, see [\[Details\]](#).
- Photo files are displayed in alphabetical order. The files under the [PICTURE], [PICTURES] and [DCIM] folders are displayed in the [PICTURE], [PICTURES] and [DCIM] folders respectively.

Note

- All files with the extension .jpg, including thumbnail files of videos, are recognized as photos. All folders containing .jpg files are displayed in the photo folder list.
- Up to 8,000 photo folders can be displayed in the photo folder list. And, up to 8,000 photos

can be displayed in the photo lists, regardless of the number of folders in which they are contained.

- If the size of a photo is too large, or the photo file is damaged,  appears, and the photo cannot be displayed.
- If photos are not compliant with DCF 2.0 (or folder/file name is long., etc.), operation time (to display photos or slideshow) may take more time.

Related topics

[Transferring videos/photos using Content Transfer](#)

[Transferring videos/photos using Windows Explorer](#)

[Browsing and using the photo screen](#)

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[Using the photo option menu](#)

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Browsing and using the photo screen

▼ Photo display screen

▼ Photo list screen

Photo display screen

When a photo appears on the screen, information such as the photo's file name is displayed for a few seconds.



1 Information area

Operations on the photo display screen

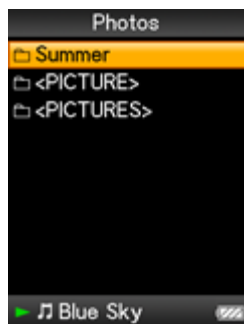
While the player is playing back a photo in horizontal orientation, the ▲ / ▼ and ◀ / ▶ buttons interchange their functions with each other.

To (Screen indication)	Do this
Play (▶)/pause (⏸) a slide show (*1)	Press the ▶⏸ button.
Display the next/previous photo	Press the ◀ (previous)/ ▶ (next) button.
Display the following/previous photos consecutively	Press and hold the ◀ (previous)/ ▶ (next) button.
Return to the list screen	Press the BACK/HOME button.

(*1) When playing songs while a slide show is paused, the screen goes dark if there is no operation for more than 30 seconds. When the song playback and a slide show accompanying it are paused, and there is no operation for more than 3 minutes, the screen turns off and the player enters standby mode.

Photo list screen

The following are examples of photo list screens.



Operations on the photo list screen

To (Screen indication)	Do this
Select an item	Press the ► button.
Move the cursor up or down	Press the ▲ / ▼ button. <ul style="list-style-type: none"> • Press and hold the ▲ / ▼ button to scroll up or down faster.
Display the previous/next screen of the list	Press the ◀ / ▶ button.
Return to the list screen of the next upper level	Press the BACK/HOME button.

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Playing a slide show

You can display photos in a selected folder in slide show form.

1. From the Home menu, select  [Photos].
The photo folder list appears.
2. Press the ▲ / ▼ / ◀ / ▶ button to select a photo folder, and then press and hold the ►|| button.
A slide show of the photos in the selected folder starts.

Hint

- You can start playback of a slide show by any of the following operations:
 - Press and hold the ►|| button in the photo list.
 - Press the ►|| button on the photo display screen.
 - Press the OPTION/PWR OFF button on the photo folder list, or a photo list, and then select [Begin slide show] from the option menu.

Note

- The screen does not turn off automatically or change to a screensaver [\[Details\]](#) while a slide show is playing.

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Deleting photos

When you delete photos from the player, use the software you used to transfer the photos, or Windows Explorer.

For details about using the software, see the Help of the software.

Note

- The player itself cannot delete photos without connecting to a computer.

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Using the photo option menu

▼ Option item appearing on the photo folder/photo list screen

▼ Option items appearing on the photo display screen

You can bring up the photo option menu by pressing the OPTION/PWR OFF button on the photo folder list or photo list, or on the photo display screen. For details on how to use the option menu, see [\[Details\]](#).

The option items shown on the option menu vary depending on the screen from which you bring it up. See the reference page for settings and usage.

Option item appearing on the photo folder/photo list screen

Option items	Description/reference page
[Now Playing]	Displays the playback or display screen of the currently playing content.
[Go to FM Radio screen]	The FM Radio screen of the last received broadcast station appears [Details] .
[Begin slide show]	Starts a slide show [Details] .
[Detailed Information]	Displays file information, such as file size, resolution, and file name, etc.
[Most Recent Photo]	Starts playback of the most recently played photo.
[Go to the song playback screen]	Displays the music playback screen of the last song played.

Option items appearing on the photo display screen


Option items	Description/reference page
[Photo Orientation]	Sets the photo orientation [Details] .
[Display]	Sets to display/not display photo information [Details] .
[Detailed Information]	Displays file information, such as file size, resolution, and file name, etc.
[Slide Show Repeat]	Selects the slide show play mode [Details] .
[Slide Show Interval]	Selects the slide show interval [Details] .
[Brightness]	Adjusts the brightness of the screen [Details] .
[Clock Display]	Displays the current time [Details] .
[Go to the song playback screen]	Displays the music playback screen of the last song played.



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Photo orientation [Photo Orientation]

You can set the photo orientation to [Vertical], [Horizontal (right)], or [Horizontal (left)].
The operation of the 5-way button is switched according to the setting of [Photo Orientation].

1. From the Home menu, select  [Settings] ➡ [Photo Settings] ➡ [Photo Orientation] ➡ desired photo orientation type.

Type	Description
[Vertical]	Displays at 240 × 180 pixels. (Default setting) 
[Horizontal (right)] [Horizontal (left)]	Displays at 320 × 240 pixels. 


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Setting the display of the photo screen [Display]

You can display or hide detailed information of a photo, such as an icon that shows playback status, etc., while displaying a photo.

1. From the Home menu, select  [Settings] ➡ [Photo Settings] ➡ [Display] ➡ desired display type.

Type	Description
[On]	Displays the photo title, the shooting date, playback status, photo number, etc.
[Off]	Hides the information of the current photo. (Default setting)

Note


- If [Photo Orientation] is set to [Horizontal (right)], or [Horizontal (left)] [\[Details\]](#), the photo title is not displayed, even if [Display] is set to [On].

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Setting the slide show play mode [Slide Show Repeat]

You can display photos as a slide show repeatedly.

1. From the Home menu, select  [Settings] → [Photo Settings] → [Slide Show Repeat] → desired setting type.

Type	Description
[On]	Displays photos in a photo folder continuously and repeatedly.
[Off]	Displays photos in a photo folder continuously, to the last photo, then returns to the first photo, and playback pauses. (Default setting)

Note

- The screen does not turn off automatically or change to a screensaver [\[Details\]](#) while a slide show is playing.

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Setting the interval of a slide show [Slide Show Interval]

You can set the time each photo is displayed.

1. From the Home menu, select  [Settings] → [Photo Settings] → [Slide Show Interval] → desired interval type.

Type	Description
[Short]	Photos switch to the next photos at a short interval.
[Normal]	Photos switch to the next photos at the standard interval. (Default setting)
[Long]	Photos switch to the next photos at a long interval.


Note

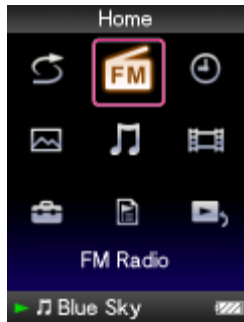
- It may take time to display a large-size photo.

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Listening to FM radio [FM Radio]

1. From the Home menu, select  [FM Radio].



The [FM Radio] screen appears.

2. Press the  /  button to select the desired frequency, or press the  /  button to select the desired preset number.

The FM radio broadcasting of the selected frequency or preset number is received.

- For details on how to operate the FM Radio screen, see [\[Details\]](#).

Note

- You cannot select a preset number if no preset station is stored. Preset receivable stations using [Auto Preset] [\[Details\]](#), or preset the receivable stations manually [\[Details\]](#).
- The headphone cord serves as an antenna, so extend it as far as possible.

Related Topics

[Browsing and using the FM radio screen](#)

[Presetting broadcast stations automatically \[Auto Preset\]](#)

[Presetting broadcast stations manually](#)

[Deleting preset broadcast stations \[Delete from Preset\]](#)

[Using the FM radio option menu](#)

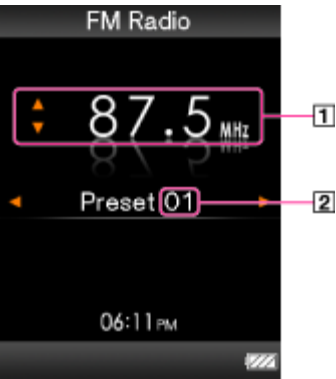
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Browsing and using the FM radio screen

▼ Operations on the [FM Radio] screen



- 1** Frequency
- 2** Preset number

Note

- Depending on the country/region in which you have purchased the player, the screen appearance may differ.

Operations on the [FM Radio] screen

To	Do this
Select the previous/next frequency	Press the ▲ / ▼ button.
Select the previous/next receivable station (*1)	Press and hold the ▲ / ▼ button.
Select the previous/next preset number (*2)	Press the ◀ / ▶ button.
Pause/resume the FM reception	Press the ► button.

(*1) If sensitivity is too high, change the [Scan Sensitivity] setting [\[Details\]](#) to [Low].

(*2) You cannot select a Preset number if no preset station is stored. Preset receivable stations using [Auto Preset] [\[Details\]](#).

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Presetting broadcast stations automatically [Auto Preset]

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

1. On the [FM Radio] screen, press the OPTION/PWR OFF button.

The option menu appears.

2. Select [Auto Preset] ➡ [Yes].

Receivable broadcast stations will be preset in order of frequency (low to high).

[Auto Preset completed.] appears when presetting is completed, and the first preset station is received.

- Select [No] to cancel automatic presetting.

Hint

- If high sensitivity causes the player to receive many unwanted broadcast stations, change the [Scan Sensitivity] setting [\[Details\]](#) to [Low].

Note


- The [Auto Preset] operation will delete already preset broadcast stations.

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Presetting broadcast stations manually

You can manually preset broadcast stations that [Auto Preset] cannot detect [\[Details\]](#).

1. On the [FM Radio] screen, select the desired frequency.
2. Press and hold the  button.

The frequency you select in step 1 is preset and the assigned preset number appears below the frequency.

Hint

- You can preset up to 30 stations.

Note

- The preset numbers are stored in order, from low to high frequency.

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Deleting preset broadcast stations [Delete from Preset]

1. On the [FM Radio] screen, select the preset number you intend to delete.
2. Press the OPTION/PWR OFF button to bring up the option menu.
3. Select [Delete from Preset].
The preset broadcast station is deleted, and a message appears.

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Using the FM radio option menu

You can bring up the FM radio option menu by pressing the OPTION/PWR OFF button on the [FM Radio] screen. For details on how to use the option menu, see [\[Details\]](#).
The option items shown on the option menu vary depending on the screen from which you bring it up. See the reference page for settings and usage.

Option items	Description/reference page
[Save to Preset]	Presets the currently tuned-in broadcast station [Details] .
[Delete from Preset]	Deletes a broadcast station from a preset station [Details] .
[Auto Preset]	Presets broadcast stations automatically [Details] .
[Scan Sensitivity]	Adjusts the sensitivity of radio reception [Details] .
[Mono/Auto]	Changes to either monaural or stereo [Details] .
[Clock Display]	Displays the current time [Details] .
[Go to the song playback screen]	Displays the music playback screen of the last song played.

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Setting the reception [Scan Sensitivity]

When you select stations using the [Auto Preset] function [\[Details\]](#) or the ▲ / ▼ button, the FM receiver may receive unwanted broadcast stations as a result of sensitivity being too high. In this case, set the reception to [Low]. [High] is set by default.

1. From the Home menu, select  [Settings] ➔ [FM Radio Settings] ➔ [Scan Sensitivity]
 - ➔ [Low].
 - To set the reception sensitivity back to the default, select [High].

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Setting monaural/stereo [Mono/Auto]

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

1. From the Home menu, select  [Settings] ➔ [FM Radio Settings] ➔ [Mono/Auto] ➔ [Mono].
 - To return to automatic setting, select [Auto].

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About the timer

You can set the timer to play back songs at a specified time (Alarm). You can also set the period of time after which the player automatically enters standby mode and the screen turns off (Sleep Timer).

Note

- If the [Set Date-Time] setting is not accurate, timer settings cannot be set correctly. Set the current date and time before setting the timer [\[Details\]](#).
- The alarm and sleep timer cannot be set at the same time.

Related topics

[Setting the alarm \[Alarm\]](#)

[Setting the sleep timer \[Sleep Timer\]](#)

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Setting the alarm [Alarm]

▼ To cancel the alarm

You can set the alarm timer to play back a selected song at a specified time as an alarm.

1. From the Home menu, select  [Music] → desired search method → desired song.
2. Press the OPTION/PWR OFF button.
The option menu appears.
3. Select [Alarm].
4. Press the ◀ / ▶ button to select the hour, and then press the ▲ / ▼ button to change the value.
5. As in step 4, adjust the minute setting.
6. Press the ▶|| button to confirm.
The player automatically stops playback of the songs, and the player is automatically turned off.
At the set time, the player automatically plays back the song last played.

I To cancel the alarm

After setting the alarm, press any button to turn on the player.

When [Alarm is now set. Cancel?] appears, select [Yes].

If you select [No], the alarm is not canceled, and the player turns off automatically.

Note

- The alarm will not activate if the player is connected to a computer. Disconnect the USB cable before the set time.
- If there is no resume information for the song last played, or if the song file last played is deleted, the alarm sounds automatically at the set time.
- The alarm will automatically stop after 60 minutes.
- Do not fall asleep while wearing headphones. If you sleep wearing headphones, the headphone cord may wind around your neck, which may cause suffocation.
- In the following situations, the alarm will be postponed until the process is finished.
 - Deleting data.
 - Formatting memory.
- The alarm will not sound in the following situation.
 - Connected to a computer.

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Setting the sleep timer [Sleep Timer]


▼ To cancel the sleep timer

You can set the period of time after which the player automatically enters standby mode and the screen turns off (Sleep Timer).

1. On the music playback screen, press the OPTION/PWR OFF button.
The option menu appears.
2. Select [Sleep Timer] ➡ desired sleep timer duration.

Type	Description
[30 Min]	Turns off the player after 30 minutes.
[60 Min]	Turns off the player after 60 minutes.
[90 Min]	Turns off the player after 90 minutes.
[120 Min]	Turns off the player after 120 minutes.

Hint

- After setting the sleep timer,  appears in the information area of the music playback screen.

■ To cancel the sleep timer

After setting the sleep timer, press the BACK/HOME button, press and hold the BACK/HOME button or press the OPTION/PWR OFF button on the music playback screen.

When [Sleep timer is now set. Cancel?] appears, select [Yes].

If you select [No], the sleep timer is not canceled, and the music playback screen reappears.

Note


- The sleep timer will not activate if the player is connected to a computer.
- After setting the sleep timer, if you turn the player off by pressing and holding the OPTION/PWR OFF button and then turn the player on again, the sleep timer is canceled.
- In the following situations, the sleep timer will be postponed until the process is finished.
 - Deleting data.
 - Formatting memory.
- The sleep timer will not activate in the following situations.
 - Connected to a computer.
 - Using [Auto Preset] function of the FM radio.
 - Sounding the alarm.
- The sleep timer will be canceled in the following situations.
 - Entering standby mode.
 - Connecting the player to a computer.

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Displaying the player information [Unit Information]

Information such as model name, firmware version, etc., is displayed.

1. From the Home menu, select  [Settings] → [Common Settings] → [Unit Information].

Item	Description
[Model:]	Displays the model name of the player.
[Firmware:]	Displays version information of the player's firmware.
[Total songs:]	Displays the total number of songs stored on the player.
[Total videos:]	Displays the total number of videos stored on the player.
[Total photos:]	Displays the total number of photos stored on the player.

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Limiting the volume [AVLS (Volume Limit)]

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

1. From the Home menu, select  [Settings] ➔ [Common Settings] ➔ [AVLS (Volume Limit)] ➔ desired setting type.

Type	Description
[On]	Maintains a moderate volume level.
[Off]	Plays back audio at the original volume. (Default setting)

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Turning off the beep sound [Beep Settings]

You can turn on or off the operation sounds of the player.

1. From the Home menu, select  [Settings] ➔ [Common Settings] ➔ [Beep Settings] ➔ desired setting type.

Type	Description
[On]	Produces beep sounds. (Default setting)
[Off]	Does not produce beep sounds.

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Setting the screensaver type [Screensaver]

You can set the screen saver to either [Clock] or [Blank] for when there is no operation for more than 30 seconds during song playback or FM reception.

1. From the Home menu, select  [Settings] ➡ [Common Settings] ➡ [Screensaver] ➡ [Type] ➡ desired setting type.


Type	Description
[Clock]	When there is no operation for more than 30 seconds, a clock appears as a screen saver.
[Blank]	When there is no operation for more than 30 seconds, the screen goes off. (Default setting)

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Adjusting the brightness of the screen [Brightness]

You can set the display brightness to one of 5 levels.

1. From the Home menu, select  [Settings] → [Common Settings] → [Brightness].
2. Press the ◀ / ▶ button to select the desired setting, and then press the ▶|| button to confirm.
You can adjust to any of 5 levels. The larger the number, the brighter the screen. [3] is set by default.

Note

- After selecting a setting value, be sure to press the ▶|| button to confirm. If you press the BACK/HOME button before confirming, the setting will be canceled.

Hint

- If you set the brightness of the screen to a lower level, the battery will last longer [\[Details\]](#).
- While the player is connected via the USB cable, the brightness of the screen may be set to a lower level regardless of the setting.

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Setting the current time [Set Date-Time]

▼ To display the current time

You can set the date and time.

1. From the Home menu, select  [Settings] → [Common Settings] → [Set Date-Time].
2. Press the ◀ / ▶ button to select the year, and then press the ▲ / ▼ button to change the value.
3. As in step 2, adjust the settings for month, date, hour, and minutes, and then press the ►|| button to confirm.

■ To display the current time

- Select  [Clock Display] on the Home menu.
- Press the OPTION/PWR OFF button on the Home menu or the playback screen, and select [Clock Display] from the option menu.

Hint

- You can select the date format from [YYYY/MM/DD], [MM/DD/YYYY], or [DD/MM/YYYY] [\[Details\]](#). Furthermore, you can select the time format from either [12-hour] or [24-hour] [\[Details\]](#).

Note

- If battery power is used up because, for example, the player has not been used for a long time, your settings for date and time may be lost, and “-” will be displayed instead of the current date and time.
- The clock may gain or lose up to 60 seconds per month. In this case, set the clock again.

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Setting the date format [Date Display Format]

You can set the date format displayed for the current date [\[Details\]](#) as [YYYY/MM/DD], [MM/DD/YYYY], or [DD/MM/YYYY].

1. From the Home menu, select  [Settings] ➔ [Common Settings] ➔ [Date Display Format] ➔ desired format type.


Type	Description
[YYYY/MM/DD]	Displays the date as year/month/day.
[MM/DD/YYYY]	Displays the date as month/day/year.
[DD/MM/YYYY]	Displays the date as day/month/year.

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Setting the time format [Time Display Format]

You can select the format to display the current time [\[Details\]](#) from either a [12-hour] or [24-hour] display.

1. From the Home menu, select  [Settings] → [Common Settings] → [Time Display Format] → desired format type.

Type	Description
[12-hour]	Displays the current time in the 12-hour format.
[24-hour]	Displays the current time in the 24-hour format.

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Returning to the factory settings [Reset all Settings]

You can reset the player to the default settings. Resetting the player will not delete data such as music, video, and photos.

Note

- This function is only available in the pause mode.

1. From the Home menu, select  [Settings] → [Common Settings] → [Reset all Settings] → [Yes].
[Restored factory settings.] appears.
 - To cancel the operation, select [No] on the confirmation screen.

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Formatting memory [Format]

You can format the built-in flash memory of the player.

Note

- If the memory is formatted, all data (songs, videos, photos, etc., including sample data installed at the factory, bundled software installer, and the User Guide) will be erased. Be sure to verify the data stored in memory prior to formatting, and export any important data to the hard disk of your computer.
- Be sure not to initialize (format) the built-in flash memory of the player using Windows Explorer. If you have formatted with Windows Explorer, format again using the player.
- If you select this function during playback, the player will pause playback before performing the reset process.


1. From the Home menu, select  [Settings] ➔ [Common Settings] ➔ [Format].
[All data including songs will be deleted. Proceed?] appears.
2. Select [Yes].
[All data will be deleted. Proceed?] appears.
 - To cancel the operation, select [No].
3. Select [Yes].
When initialization finishes, [Memory formatted.] appears.
 - To cancel the operation, select [No].

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Selecting the display language [Language Settings]

You can select from a variety of languages for menus and messages.

1. From the Home menu, select  [Settings] → [Language Settings] → desired language setting.

Language	Messages and menus are displayed in
[Deutsch]	German
[English]	English
[Español]	Spanish
[Français]	French
[Italiano]	Italian
[Polski]	Polish
[Português]	Portuguese
[Русский]	Russian
[Türkçe]	Turkish
[한국어]	Korean
[简体中文]	Simplified Chinese
[繁體中文]	Traditional Chinese

Related Topics

[How to use the Home menu](#)


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Setting the play mode [Play Mode]

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

1. From the Home menu, select  [Settings] ➡ [Music Settings] ➡ [Play Mode] ➡ desired play mode type.

Type - icon	Description
[Normal] - No icon	The songs within the playback range are played back in the song list order. (Default setting)
[Repeat] - 	The songs within the playback range are played back in the song list order and then repeated.
[Shuffle] - SHUF	The songs within the playback range are played back in random order.
[Shuffle&Repeat] - 	The songs within the playback range are played back in random order and then repeated.
[Repeat 1 Song] - 	The current song or the song selected from a song list is played back repeatedly.

Note

- The player plays back songs only in the lists from which the playback starts (album list, artist list, etc.).
- When you start [Shuffle All] play, the play mode changes to [Shuffle] or [Shuffle&Repeat].

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Setting the sound quality (CLEAR BASS) [Equalizer]


▼ Setting the sound quality







▼ Customizing sound quality

You can set the sound quality according to the music genre, etc.

Equalizer settings contain the CLEAR BASS setting. Increasing the CLEAR BASS setting value allows the player to reproduce dynamic deep bass without distortion, even at a high volume.

Setting the sound quality

- From the Home menu, select  [Settings] ➔ [Music Settings] ➔ [Equalizer] ➔ desired equalizer type.

Type - icon	Description
[None] - No icon	Sound quality setting is not activated. (Default setting) (*1)
[Heavy] - 	Emphasizes high and low ranges for a powerful sound.
[Pop] - 	Stresses the middle range audio, ideal for vocals.
[Jazz] - 	Emphasizes high and low ranges for a lively sound.
[Unique] - 	Emphasizes high and low ranges, so that even soft sounds can be heard easily.
[Custom 1] - 	User-customizable sound settings for which you can adjust each frequency range individually. See [Details] for details.
[Custom 2] - 	


(*1) The default setting of players sold in the Latin America region is [Custom 1], and CLEAR BASS is set to level +3.

Note

- If your personal settings saved as [Custom 1] and [Custom 2] seem to produce a different volume level than other settings, you may have to adjust the volume manually to compensate.
- The [Equalizer] setting is not applied while playing a video or FM radio.

Customizing sound quality

You can preset the value of CLEAR BASS (bass) and 5 band Equalizer as [Custom 1] or [Custom 2].

- From the Home menu, select  [Settings] ➔ [Music Settings] ➔ [Equalizer] ➔ [Edit] displayed under [Custom 1] or [Custom 2].

2. Press the ◀ / ▶ button to select CLEAR BASS or the frequency range setting, and press the ▲ / ▼ button to adjust the setting level, and then press the ▶|| button to confirm.

The [Equalizer] screen reappears.

- CLEAR BASS can be set to any of 4 sound levels, and the 5 frequency ranges can be set to any of 7 sound levels.
- After you have adjusted the setting level, be sure to press the ▶|| button to confirm. If you press the BACK/HOME button before you confirm, the setting will be canceled.

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Listening with Clear Stereo [Clear Stereo]

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

1. From the Home menu, select  [Settings] ➔ [Music Settings] ➔ [Clear Stereo] ➔ desired Clear Stereo type.

Type	Description
[On]	Activates the [Clear Stereo] function when you use the supplied headphones.
[Off]	Disables the [Clear Stereo] function and plays back normal sound. (Default setting)

Note

- The [Clear Stereo] setting is not applied while playing a video or FM radio.
- The [Clear Stereo] function is designed to obtain maximum effect with the supplied headphones. The [Clear Stereo] effect may not be obtained with other headphones. When using other headphones, set [Clear Stereo] to [Off].

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Adjusting the volume level [Dynamic Normalizer]

You can 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 differences in their recording levels.

1. From the Home menu, select  [Settings] → [Music Settings] → [Dynamic Normalizer] → desired Dynamic Normalizer type.

Type	Description
[On]	Minimizes the difference in volume level between songs.
[Off]	Plays back songs at their original transferred volume level. (Default setting)

Note

- The [Dynamic Normalizer] setting is not applied while playing a video or FM radio.


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Setting the zoom function [Zoom]


You can zoom in the currently playing video.

1. From the Home menu, select  [Settings] ➔ [Video Settings] ➔ [Zoom Settings] ➔ desired zoom setting type.


Type	Description
[Auto]	<p>The video image is resized to fit the display area, maintaining the original aspect ratio. (Default setting) When a 16:9 (wide size) video image is displayed, black bands appear on the top and bottom of the screen.</p> <div><div>1</div><div>2</div></div> <div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div>
[Full]	<p>The video image is resized to fill the available display area, maintaining the aspect ratio. When a 16:9 (wide size) video image is displayed, the right/left sides of the image are trimmed to fit.</p> <div><div>1</div><div>2</div></div> <div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div> <ul style="list-style-type: none">• The dotted line frame represents the original video image size.
	<p>The video image is not resized, and appears in the original resolution. If video resolution is too high, the left, right, top and bottom of the screen will be cut. If video resolution is too low, black bars will appear on the right, left, top and bottom of the screen.</p>

[Off]

1



2



1 16:9 source
2 4:3 source


- The dotted line frame represents the original video image size.

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Setting the display of the video screen [Display]

You can display or hide detailed information of a video, such as its title, playback icon, and elapsed playing time, etc., during playback.

1. From the Home menu, select  [Settings] → [Video Settings] → [Display] → desired display type.

Type	Description
[On]	Displays the video title, playback status, or the elapsed time, etc.
[Off]	Hides detailed information of the currently playing video and displays it only when you operate the player. (Default setting)

Note

- If [Video Orientation] is set to [Horizontal (right)], the title of the video is not displayed.

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Setting the video orientation [Video Orientation]

You can set the video orientation to [Vertical] or [Horizontal (right)].
The operation of the 5-way button is switched according to the setting of [Video Orientation].

1. From the Home menu, select  [Settings] → [Video Settings] → [Video Orientation] → desired video orientation type.

Type	Description
[Vertical]	Displays at 240 × 180 pixels. (Default setting)
	<div><div><div>1</div><div></div></div><div><div>2</div><div></div></div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div>
[Horizontal (right)]	Displays at 320 × 240 pixels.
	<div><div><div>1</div><div></div></div><div><div>2</div><div></div></div></div> <div><div>1</div>16:9 source</div> <div><div>2</div>4:3 source</div>

Hint

- When [Display] is set to [On], detailed information, such as the video title, its playback icon, and elapsed playing time, etc., appears. The information disappears if this setting is set to [Off] [\[Details\]](#).

Note


- If [Video Orientation] is set to [Horizontal (right)], the video title is not displayed.



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Photo orientation [Photo Orientation]

You can set the photo orientation to [Vertical], [Horizontal (right)], or [Horizontal (left)].
The operation of the 5-way button is switched according to the setting of [Photo Orientation].

1. From the Home menu, select  [Settings] → [Photo Settings] → [Photo Orientation] → desired photo orientation type.

Type	Description
[Vertical]	Displays at 240 × 180 pixels. (Default setting) 
[Horizontal (right)] [Horizontal (left)]	Displays at 320 × 240 pixels. 


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Setting the display of the photo screen [Display]

You can display or hide detailed information of a photo, such as an icon that shows playback status, etc., while displaying a photo.

1. From the Home menu, select  [Settings] ➔ [Photo Settings] ➔ [Display] ➔ desired display type.

Type	Description
[On]	Displays the photo title, the shooting date, playback status, photo number, etc.
[Off]	Hides the information of the current photo. (Default setting)

Note


- If [Photo Orientation] is set to [Horizontal (right)], or [Horizontal (left)] [\[Details\]](#), the photo title is not displayed, even if [Display] is set to [On].

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[Top page](#) > [Settings](#) > [Photo Settings](#) > [Setting the slide show play mode \[Slide Show Repeat\]](#)

Setting the slide show play mode [Slide Show Repeat]

You can display photos as a slide show repeatedly.

1. From the Home menu, select  [Settings] → [Photo Settings] → [Slide Show Repeat] → desired setting type.

Type	Description
[On]	Displays photos in a photo folder continuously and repeatedly.
[Off]	Displays photos in a photo folder continuously, to the last photo, then returns to the first photo, and playback pauses. (Default setting)

Note

- The screen does not turn off automatically or change to a screensaver [\[Details\]](#) while a slide show is playing.

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Setting the interval of a slide show [Slide Show Interval]

You can set the time each photo is displayed.

1. From the Home menu, select  [Settings] → [Photo Settings] → [Slide Show Interval] → desired interval type.

Type	Description
[Short]	Photos switch to the next photos at a short interval.
[Normal]	Photos switch to the next photos at the standard interval. (Default setting)
[Long]	Photos switch to the next photos at a long interval.

Note

- It may take time to display a large-size photo.

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Setting the reception [Scan Sensitivity]

When you select stations using the [Auto Preset] function [\[Details\]](#) or the ▲ / ▼ button, the FM receiver may receive unwanted broadcast stations as a result of sensitivity being too high. In this case, set the reception to [Low]. [High] is set by default.

1. From the Home menu, select  [Settings] ➔ [FM Radio Settings] ➔ [Scan Sensitivity]
 - ➔ [Low].
 - To set the reception sensitivity back to the default, select [High].

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Setting monaural/stereo [Mono/Auto]

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

1. From the Home menu, select  [Settings] ➔ [FM Radio Settings] ➔ [Mono/Auto] ➔ [Mono].
 - To return to automatic setting, select [Auto].

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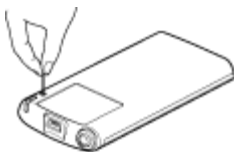
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What can I do to solve a problem?

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

1. Find the symptoms of the issue in this manual, and try any corrective actions listed.
2. Connect the player to your computer to charge the battery.
You may be able to resolve some issues by charging the battery [\[Details\]](#).
3. Press the RESET button with a small pin, etc.
If you press the RESET button while operating the player, stored data and player settings may be lost.



4. Check information on the issue in the Help of each software.
5. Look up information on the issue on one of the customer support Web sites [\[Details\]](#).
6. If the approaches listed above fail to resolve the issue, consult your nearest Sony dealer.

Note

- No data will be deleted and no settings will be changed by resetting the player.

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Customer support Web site

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/>

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Table of contents for symptoms and possible causes

The following topics show possible causes and remedies for symptoms. See an appropriate topic according to your problem.

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Operation

There is no sound.

- The volume level is set to zero.
 - ➔ Turn the volume up.
- The headphone plug is not connected properly.
 - ➔ If the headphones are connected improperly, the sound from the headphones will be impaired. Insert the headphone plug until it clicks into place [\[Details\]](#).
- The headphone plug is dirty.
 - ➔ Clean the headphone plug with a soft dry cloth.
- No songs or videos are stored on the player.
 - ➔ Follow the instructions in the displayed message, and transfer songs or videos from the computer.
- After prescribing the remedies above, if the problem still persists, press the RESET button of the player [\[Details\]](#).

Data cannot be played.

- The battery is consumed.
 - ➔ Charge the battery fully [\[Details\]](#).
 - ➔ If the player does not react, even after charging the battery, press the RESET button to reset the player [\[Details\]](#).
- No data is stored on the player.
 - ➔ Follow the instructions in the message, and transfer data from the computer.
- After transferring by drag-and-drop in Windows Explorer, data hierarchy levels do not correspond to the player.
 - ➔ Place the data in the correct place by drag-and-drop [\[Details\]](#).
- Transferred files are not in a playable format.
 - ➔ For information on the playable formats, see [\[Details\]](#). Some files may not be played back, depending on certain file specifications.
- You are placing audio MP4 files in a video folder by drag-and-drop.
 - ➔ Place them in the [MUSIC] folder by drag-and-drop.
- The data may be damaged.
 - ➔ Damaged data within a file may be recognized as a non-playable format. Delete the damaged data, and then transfer the non-damaged data from your computer again.

Data cannot be deleted on the player.

- You cannot delete songs, videos or photos on the player.
 - ➔ Delete them using the software you used to transfer the data, or Windows Explorer.

Transferred data is not displayed in its list.

- Videos and photos in unsupported format may not be recognized by the player and may not appear in a list [\[Details\]](#).
- If you rename a video file that is transferred from a computer to the player, or move it to another folder, it may not be recognized by the player and may not appear in a video list.
- The maximum number of files that can be displayed has been reached. The maximum number of files is 1,000 files for videos, and 8,000 files for photos. Also, the maximum number of folders is 8,000 folders for photos in the photo folder list.
 - Delete unnecessary data.
- Data was placed in the wrong location by drag-and-drop.
 - Place the data in the correct place by drag-and-drop [\[Details\]](#).
- Available capacity is insufficient.
 - Delete unnecessary data to increase free space on the player.
- After transferring by drag-and-drop in Windows Explorer, data hierarchy levels do not correspond to the player [\[Details\]](#).
- The built-in flash memory of the player was formatted using Windows Explorer.
 - Format the built-in flash memory on the player [\[Details\]](#).
- The USB cable (supplied) was disconnected from the player while data was being transferred.
 - Transfer usable files back to your computer and format the built-in flash memory on the player [\[Details\]](#).

When [All Songs] or [Album] is selected, all the songs will appear, but some songs do not appear when [Folder] is selected.

- The audio files are not in folders under the [MUSIC] folder.
 - Place them in folders under the [MUSIC] folder by drag-and-drop.

Songs are played back within a limited playback range only, such as within one album.

- The player plays back songs only in the lists from which playback starts (album list, artist list, etc.) [\[Details\]](#).

Noise is generated.



- A device emitting radio signals, such as a mobile phone is being used near the player.
 - When using devices such as mobile phones, keep them away from the player.
- Music data imported from CDs, etc., is damaged.
 - Delete the data, then import and transfer it again. When importing data to your computer, close any other applications to avoid data damage.
- Transferred files are not in a playable format. For details, see [\[Details\]](#).
 - Some songs may not be played back, depending on certain file specifications.
- The headphone plug is dirty.
 - Clean the headphone plug with a soft dry cloth.

The player does not respond to any button operations.

- The HOLD switch is set to the HOLD position.
 - Slide the HOLD switch on the right side to the opposite position [\[Details\]](#).
- The player contains moisture condensation.
 - Wait a few hours to let the player dry out.

- The remaining battery power is low or insufficient.
 - Charge the battery by connecting the player to a running computer [\[Details\]](#).
 - If you charge the battery and nothing changes, press the RESET button to reset the player [\[Details\]](#).
- The player is connected to the computer via USB connection.
 - Disconnect the USB connection, then operate the player.

Playback does not stop.

- With this player, there is no difference between stopping and pausing. When you press the  button,  appears and playback pauses/stops.

Transferred data cannot be found.

- If a lot of data is stored on the player, some data may not be displayed.
- The built-in flash memory of the player was formatted using Windows Explorer.
 - Format the built-in flash memory on the player [\[Details\]](#).
- The supplied USB cable was disconnected from the player while data was being transferred.
 - Transfer usable files back to your computer and format the built-in flash memory on the player [\[Details\]](#).
- After drag-and-drop in Windows Explorer, data hierarchy levels do not correspond to the player [\[Details\]](#).
- Transferred files are not in a playable format. For details, see [\[Details\]](#).
 - Songs or videos may not be played back, depending on the file format [\[Details\]](#).
 - Photos may not be displayed, depending on the file size or the file format [\[Details\]](#).

There is insufficient volume.

- [AVLS (Volume Limit)] is enabled.
 - Disable [AVLS (Volume Limit)] [\[Details\]](#).

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 plug is not fully inserted.
 - If the headphones are not connected correctly, sound will not be output properly. Insert the headphone plug into the jack until it clicks [\[Details\]](#).

Playback has stopped suddenly.

- The remaining battery power is insufficient.
 - Charge the battery by connecting the player to a running computer [\[Details\]](#).
- The songs or video files that cannot be played are played.
 - Play back another song or video file.

Thumbnails (such as cover art) are not displayed.

- Songs of a file format supported by the player do not have cover art information. Thumbnails are displayed only when songs have cover art information and whose file format is supported by the player.
 - Transfer again using Windows Media Player 11, or another transfer capable software.

•

- Thumbnail name does not match its video, or the video is not in the correct location.
→ Place a JPEG file of the same name as the video into the folder under the [VIDEO] folder.
- If photos do not have thumbnails that comply with Exif file format, the thumbnails cannot be displayed.
- If you have transferred a song without cover art to the player, you cannot attach cover art to the song even if you transfer it once more along with its cover art.
→ Delete the song from the player, then transfer it to the player again along with its cover art.

Cover art is not displayed.

- Cover art information is not included with the data.
→ The cover art only appears if cover art information is included.
You can set cover art using Windows Media Player 11, or another transfer capable software for setting cover art. For details on operation, refer to the Help or maker of the software.
- Some cover art may not be displayed depending on its file format.

Cannot format the player.

- The remaining battery is low or insufficient.
→ Charge the battery by connecting the player to a running computer [\[Details\]](#).

The player's power turned off, and then on again.

- If a malfunction occurs, the player turns off, and then on again automatically.

The player does not work properly.

- The computer was started or restarted with the player connected to it.
→ Reset the player by pressing the RESET button of the player [\[Details\]](#). Disconnect the player when you start or restart the computer.

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Display

" □ " appears for a title.

- Characters that cannot be displayed on the player are included in the title.
 - ➔ Rename the title with appropriate characters, using the software you used to transfer, or Windows Explorer.

[Unknown] is displayed for an album or artist name, etc.

- Information such as album or artist name, etc., is not contained in the data.

Garbled characters are displayed.

- The wrong language is selected.
 - ➔ Select the correct language from [Language Settings] [\[Details\]](#), and then transfer data to the player again.

The screen darkens while displaying a photo.

- There has been no operation attempted for more than 30 seconds [\[Details\]](#).
 - ➔ Press any button.

The screen turns off.

- No operation performed for more than 3 minutes with the player in pause mode.
 - ➔ Press any button.
- No operation performed for more than 30 seconds with [Screensaver] set to [Blank] [\[Details\]](#).
 - ➔ Press any button.
 - ➔ Set [Screensaver] to other than [Blank].

A message appears.

- See "Messages" [\[Details\]](#).

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Power

Battery life is short.

- The operating temperature is below 5 °C (41 °F).
 - ➔ Battery life becomes shorter as a result of the battery characteristics. This is not a malfunction.
- Battery charging time is not sufficient.
 - ➔ Charge the battery until **Full** appears.
- 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 [\[Details\]](#).
- You have not used the player for more than a year.
 - ➔ Depending on the conditions under which your player is used, the battery may have been deteriorated. Consult your nearest Sony dealer.
 - ➔ The efficiency of the battery will improve by repeatedly charging and discharging it.
- When usable battery life becomes half the usual time, even after charging the battery fully, the battery should be replaced.
 - ➔ Consult your nearest Sony dealer.

The player cannot charge the battery.

- The USB cable is not connected to a USB connector on your computer properly.
 - ➔ Disconnect the USB cable, and then reconnect it.
 - ➔ Use the supplied USB cable.
- The battery is charged in an ambient temperature out of the range of 5 °C (41 °F) to 35 °C (95 °F).
 - ➔ You cannot charge the battery when  icon appears. Charge the battery in an ambient temperature of 5 °C (41 °F) to 35 °C (95 °F).
- The computer is not on.
 - ➔ Turn on the computer.
- Your computer has entered Sleep or Hibernation status.
 - ➔ Release the computer from Sleep or Hibernation status.
- A USB hub is being used.
 - ➔ Connecting the player via a USB hub may not work. Connect the player to your computer using the USB cable (supplied).
- The operating system installed on the computer is not supported by the player.
 - ➔ To charge the player, connect the player to a computer with the operating system that is supported by the player [\[Details\]](#).
- You have not used the player for more than a year.
 - ➔ Depending on the conditions under which your player is used, the battery may have been deteriorated. Consult your nearest Sony dealer.
- After prescribing the remedies above, if the problem still persists, press the RESET button of the player [\[Details\]](#) and reconnect it to the computer by using the USB cable (supplied).

The player turns off automatically.

- To avoid unnecessary battery consumption, the player automatically turns off.
→ 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 full charge.

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Connection to a computer

Cannot install the software.

- Your computer is installed with an operating system that is not supported by the player.
 - Check the operating system of your computer [\[Details\]](#).
- Other software is running on Windows.
 - If another software is running, it may interfere with installation. Particularly, be sure to stop security software as it can put a heavy load on the computer.
- There is not enough free space for the hard drive.
 - Check the required hard drive space for installing the application, and delete unnecessary files.
- Your account has no administrator privileges, or you have not logged in as the computer's administrator.
 - To install the software, log in with an account with administrator privileges or log in as the computer's administrator.
- A message dialog is covered from your site by the install screen.
 - Press and hold the [Alt] key and press the [Tab] key several times until the message dialog appears. Then follow the message.

The progress bar on the install screen does not proceed. Or, the access lamp of the hard drive does not light for several minutes.

- Wait until the installation is completed, because it is progressing properly. The installation may take 30 minutes or more depending on the computer.

[Connected USB. The Timer and Alarm will become invalid.] or [Connected USB (MTP) The Timer and Alarm will become invalid.] does not appear when connected to the computer with the USB cable (supplied) (The computer does not recognize the player).

- The remaining battery power is insufficient.
 - Charge the battery by connecting the player to a running computer for at least 5 minutes.
- The USB cable is not connected to a USB connector on your computer properly.
 - Disconnect the USB cable, and then reconnect it.
 - Use the supplied USB cable.
- A USB hub is being used.
 - Connecting the player via a USB hub may not work. Connect the player directly to your computer using the USB cable (supplied).
- The USB connector on your computer may have a problem.
 - Connect the player to another USB connector on your computer.
- When you use the player for the first time, or when the battery is low, it may take the player about 30 seconds to display the message after connected to a computer. This is not a malfunction.

- The software authentication may be performed and it may take rather a long time. Wait for a while.
- The software installation has been failed.
 - Reinstall the software by using the installer. The imported data will remain untouched.
- The computer is running another software other than the one used for transferring.
 - Disconnect the USB cable, wait a few minutes, and reconnect it. If the problem persists, disconnect the USB cable, restart the computer, and then reconnect the USB cable.
- [Connected USB. The Timer and Alarm will become invalid.] or [Connected USB (MTP) The Timer and Alarm will become invalid.] may not appear on the player, depending on the software environment that is running on your computer.
 - Activate Windows Media Player, or Windows Explorer.
- After prescribing the remedies above, if the problem still persists, press the RESET button of the player and reconnect it to the computer by using the USB cable (supplied).

Data cannot be transferred to the player from your computer.

- Transferring may be stopped due to noise, such as static electricity, etc. This happens to protect data information.
 - Disconnect the player, then reconnect it.
- If you transfer files by drag-and-drop on a computer that does not have Windows Media Player 11 installed, only a limited amount of files (AAC, video files, etc.) may be transferrable by drag-and-drop.
 - Install Windows Media Player 11 from the Windows Media Player download site, then transfer files by drag-and-drop again. Before installing Windows Media Player 11 on your computer, make sure to check whether your software or service corresponds to Windows Media Player 11. For details on usage, or support on Windows Media Player, visit the following web site:
<http://support.microsoft.com/>
- The USB cable is not connected to a USB connector on your computer properly.
 - Disconnect the USB cable, and then reconnect it.
- There is not enough free space in the built-in flash memory.
 - Delete any unnecessary data to increase free space.
 - For details on the maximum recordable number of files and folders, see [Details].
- 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.
- Abnormal data exists on the player.
 - Transfer usable files back to your computer and format the built-in flash memory on the player [Details].
- You may not be using the supported software to transfer data to the player.
 - Install the supported software and use it to transfer data.
- The data may be damaged.
 - Delete the data that cannot be transferred from your computer, then import it to your computer again. When importing data to your computer or transferring data to the player, close any other applications to avoid data damage.
- You may be attempting to transfer a file that is not in a playable format.
 - For information on the supported file format, see [Details]. You may not transfer a file depending on the file specification.
- Transferable limit of files and folders has been exceeded.
 - Delete unnecessary data.
- You are trying to transfer .m4a, .mp4, .3gp or .m4v files on a computer that already has Windows Media Player 10 installed.

- ➔ If you are using Windows XP or Windows Vista, install Windows Media Player 11 from the Windows Media Player download site.
- If you transfer data using an appropriate software for transferring, but the transfer is not made, refer to the manufacturer.
- The player cannot play the audio files that use the digital rights management technology for Windows Media ("WM-DRM").

The transfer takes too long time.

- You are transferring a large file.
 - ➔ It may take a long time to transfer a large file.

Only a small amount of data can be transferred to the player.

- There is not enough free space in the built-in flash memory.
 - ➔ Delete any unnecessary data to increase free space.
- Data that cannot be played on the player is stored on the player.
 - ➔ If data other than song, video, or photo data is stored on the player, less data can be transferred. Transfer back data that cannot be played on the player to the computer to increase the available space.

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 extension cable may not work. Connect the player directly to your computer using the USB cable (supplied).

Folders cannot be renamed or deleted.

- You cannot delete or rename the [MUSIC], [MP_ROOT], [MPE_ROOT], [VIDEO], [DCIM], [PICTURE] and [PICTURES] folders.

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FM Radio

FM broadcasts are unclear.

- The received station is not fully tuned in.
 - ➔ Tune the station in manually using the ▲ / ▼ button [\[Details\]](#).

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 in vehicles.
- The headphone cord is not fully extended.
 - ➔ The headphone cord functions as an antenna. Extend the headphone cord as far as possible.
- Setting the receiver to monaural may reduce noise.
 - ➔ Set the [Mono/Auto] option to [Mono] [\[Details\]](#).

FM broadcasts are affected by interference.

- A device emitting radio signals, such as a mobile phone, is being used near the player.
 - ➔ When using devices such as mobile phones, keep them away from the player.

FM broadcasts cannot be heard.

- The headphones are not connected.
 - ➔ The headphone cord functions as an antenna. When a peripheral device (not supplied) is connected to the USB connector and the headphones cannot be connected, FM broadcast reception is unavailable.

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Other

There is no beep sound when the player is operated.

- [Beep Settings] is set to [Off].
➔ Set [Beep Settings] to [On] [\[Details\]](#).
- The beep does not sound when the player is connected to the cradle (not supplied), or another device.

The player gets warm.

- The player may become 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 a 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, and set the date and time again [\[Details\]](#).

Noise is generated when plugging or unplugging the headphones.

- Take off the headphones when plugging or unplugging the headphones. If you plug or unplug the headphones while playing a song, you may hear noise from the headphones. This is not a malfunction.

The alarm does not function.

- When setting the alarm, the setting was stopped halfway or the player was turned off without confirming the setting of the hour and minutes.
- The alarm does not function while the player is connected to a computer.
➔ Disconnect the USB cable.
- The remaining battery power is low or insufficient.
➔ Charge the battery by connecting the player to a running computer [\[Details\]](#).

The alarm does not go off.

- The alarm will not sound in the following situations.
 - Connected to a computer.

The alarm is delayed.

- In the following situations, the alarm will be postponed until the process is finished.
 - Deleting data.

- Formatting memory.

The sleep timer does not work.

- The sleep timer will not activate in the following situations.
 - Connected to a computer.
 - Using [Auto Preset] function of the FM radio.
 - Sounding the alarm.
- The sleep timer will be canceled in the following situations.
 - Entering standby mode.
 - Connecting the player to a computer.

The sleep timer is delayed.

- In the following situations, the sleep timer will be postponed until the process is finished.
 - Deleting data.
 - Formatting memory.

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Messages

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

[All group numbers have been used.]

- The total number of songs registered in the playlists has reached 27,000.
 - ➔ Songs exceeding the limit are stored in [Others].
 - ➔ If you cannot find a song, search for it in the [Others] list first.
 - ➔ If you do not want to store songs that exceed the limit in the [Others] list, delete unnecessary songs from the player using the software you used to transfer the songs, or Windows Explorer.
 - ➔ If the total number of playlists registered to the player exceeds 27,000, playlists exceeding this number cannot be displayed. Decrease the number of playlists (by deleting them) using the software you used to transfer the playlists.

[Cannot play; file format is not supported.]

- You are trying to play a file that cannot be played on the player.
 - ➔ You cannot play a song in an unsupported format file [\[Details\]](#).

[Cannot save more than 30 Preset stations.]

- 30 broadcast stations are already preset.
 - ➔ Delete unnecessary stations first [\[Details\]](#), then preset the stations you want within the limit number.

[Do not disconnect.]

- The player is connected to a computer or other external devices to transfer data.
 - ➔ This is not an error message. Do not disconnect the USB cable until transferring completes.

[Firmware update failed.]

- Updating the firmware failed to complete.
 - ➔ Follow the instructions displayed on your computer to retry updating the firmware.

[LOW BATTERY. Please Charge.]

- The player's battery is running low.
 - ➔ Charge the battery [\[Details\]](#).

[Not enough free space in memory. Delete files to ensure free space.]

- The player's available capacity is insufficient.

- ➔ Connect the player to your computer using the supplied USB cable, and then delete any unnecessary data from the player using another software used for transferring, or Windows Explorer.

[On hold... Cancel HOLD function to activate controls.]

- The player cannot be operated because the HOLD switch is set to the HOLD position.
 - ➔ To operate the player, slide the HOLD switch in the opposite position [\[Details\]](#).

[The device's memory was not formatted correctly. Please re-format using Settings menu.]

- The built-in flash memory was not formatted properly.
- The built-in flash memory was formatted on a computer.
 - ➔ Select [Settings]- [Common Settings]- [Format] to format the built-in flash memory again [\[Details\]](#).

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Important product information

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-E363/E364

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.

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, 108-0075 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.

At high volume, prolonged listening to the personal audio player can damage the user's hearing.



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.

On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead.

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.

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Warning

The following descriptions are important for using the player. Be sure to follow the instructions below.

- Be sure not to short-circuit the terminals of the player with metallic objects.
- 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 USB cable from the player, and consult your nearest Sony dealer or Sony Service Center.
- Do not place the player in 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.
- Do not put any heavy object on top of the player or apply a strong shock to the player. It may cause a malfunction or damage.

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- ▼ [Notes on use](#)
- ▼ [Notes on usage environment](#)
- ▼ [Notes on handling the player](#)
- ▼ [Notes on protecting the player from getting wet](#)

Notes on use

The following descriptions are important for using the player. Be sure to follow the instructions below.

- 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.
- If the player causes interference to radio or television reception, turn the player off and move it away from the radio or television.
- In particularly dry air conditions, mild tingling may be felt on your ears. This is a result of static electricity accumulated in the body, and not a malfunction of the player.
The effect can be minimized by wearing clothes made from natural materials.
- When using a strap (not supplied), be careful to avoid catching 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.
- If you see lightning or hear thunder, take off the headphones immediately and refrain from using the player.
- If you experience an allergic reaction to the supplied headphones, stop using them at once and contact a doctor.

Notes on usage environment

- Never use the player where it will be subjected to extremes of light, temperature, moisture or vibration. Also, never leave the player exposed to high temperature, such as in a car parked in the sun or under direct sunlight. The player may become discolored, distorted or damaged.
- 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.

Notes on handling the player

- When you unplug the headphones 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.
- Do not apply strong force to the surface of the LCD. This may cause a distortion in colors or brightness, or cause a malfunction of the LCD.
- 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.



Notes on protecting the player from getting wet

- 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.



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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 data due to problems of the player or computer.
- Depending on the type 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 language or character that are not supported by the player.
- Heat may build up in the player while charging if it is used for an extended period of time.
- 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.
- If you use the player in a cold location, images may appear with black bands around them. This is not a malfunction of the player.

About sample data (*1)

The player is pre-installed with sample data.

If you delete the sample data, you cannot restore it, and we will not supply any replacement data.

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

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Notes 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 to avoid excessive levels hurting 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.

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Notes on the 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.
- The software provided with this player cannot be used with equipment other than that to which it 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 want to display.
 - We do not guarantee all the languages will be able to be displayed properly on the 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.

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Notes on cleaning

- Clean the player's case with a soft cloth, such as a cleaning cloth for eyeglasses.
- If the player's case should become 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.

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Storing data

You can store computer data into the built-in flash memory of the player by transferring the data from your computer using Windows Explorer, or other transfer-capable software. If the player is connected to the computer, the built-in flash memory appears in Windows Explorer as [WALKMAN].

Note

- Do not use the bundled software while using Windows Explorer to interact with the built-in flash memory of the player.
- Do not disconnect the USB cable (supplied) while [Do not disconnect.] appears during data transfer. Otherwise, the data being transferred or the data stored in the player may be damaged.
- Do not format the built-in flash memory using Windows Explorer. If you want to format the built-in flash memory, format it on the player [Details].
- Do not rename the [MUSIC], [MP_ROOT], [MPE_ROOT], [VIDEO], [PICTURE] and [PICTURES] folders, or delete them.
- Do not rename files and folders directly under the [MP_ROOT] or [MPE_ROOT] folder. Otherwise, they will not be displayed on the player.

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Upgrading the player's firmware

You can update the player's firmware. Installing the latest player's firmware allows you to add new features to the player. For details on the latest firmware information and how to install it, visit the customer support Web sites [\[Details\]](#).

1. Download the update program to your computer from the Web site.
2. Connect the player to your computer, and then start the update program.
3. Follow the on-screen instructions to update the player's firmware.
Firmware update is complete.

Hint

- Version information for the player's firmware can be displayed by selecting  [Settings] → [Common Settings] → [Unit Information] from the Home menu [\[Details\]](#).

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Information on ncurses

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Information on netkit-ftp

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Information on strace

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Sony provides these source codes on the following web site. Please visit the following web site to obtain the source codes.

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

Please do not make direct requests for the contents of the source codes.

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Specifications

Supported file format

Music		
Audio Formats (Codec)	MP3	Media File format: MP3 (MPEG-1 Layer3) file format File extension: .mp3 Bit rate: 32 to 320 kbps (Supports variable bit rate (VBR)) Sampling frequency (*1): 32, 44.1, 48 kHz
	WMA	Media File format: ASF file format File extension: .wma Bit rate: 32 to 192 kbps (Supports variable bit rate (VBR)) Sampling frequency (*1): 44.1 kHz * WM-DRM not supported
	AAC-LC (*2)	Media File format: MP4 file format File extension: .mp4, .m4a Bit rate: 16 to 320 kbps (Supports variable bit rate (VBR)) (*3) Sampling frequency (*1): 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz
	Linear PCM	Media File format: Wave-Riff file format File extension: .wav Bit rate: 1,411 kbps Sampling frequency (*1): 44.1 kHz
Video		
Video Formats (Codec)		Frame rate: Max. 30 fps Resolution: Max. QVGA (240 × 320)
	Windows Media Video 9 (*4)	Media File format: ASF file format File extension: .wmv Profile: Main Profile, Simple Profile Bit rate: Max. 768 kbps * WM-DRM not supported
Audio Formats (Codec)	WMA (for Windows Media Video 9)	Bit rate: 32 to 192 kbps (Supports variable bit rate (VBR)) Sampling frequency (*1): 44.1 kHz
File size		Max. 2 GB
The number of files		Max. 1,000
Photo (*5)		
Photo Format (Codec)	JPEG	Media File format: Compatible with Exif 2.21 file format File extension: .jpg Profile: Baseline Profile Number of pixels: Max. 4,000 × 4,000 pixels (16,000,000 pixels)

The number of files		Max. 8,000
---------------------	--	------------

- (*1) Sampling frequency may not correspond to all encoders.
(*2) Copyright protected AAC-LC files cannot be played back.
(*3) Non-standard bit rates or non-guaranteed bit rates are included depending on the sampling frequency.
(*4) Some WMV files can be played back only by transferring using Windows Media Player 11.
(*5) Some photo files cannot be played back, depending on their file formats.

Maximum recordable number of songs and time (Approx.)

The approximate times are based on the case in which you transfer or record only 4 minute songs (not including videos and photos) in the MP3 format. Other playable audio file format song numbers and times may differ from MP3 format.

	NWZ-E363		NWZ-E364	
Bit rate	Number	Time	Number	Time
48 kbps	2,600	173 hr. 20 min.	5,300	353 hr. 20 min.
64 kbps	1,950	130 hr. 00 min.	4,050	270 hr. 00 min.
128 kbps	990	66 hr. 00 min.	2,000	133 hr. 20 min.
256 kbps	500	33 hr. 20 min.	1,000	66 hr. 40 min.
320 kbps	400	26 hr. 40 min.	810	54 hr. 00 min.

Maximum recordable time of videos (Approx.)

The approximate recordable times are estimated in the case where only videos are transferred. The time may differ, depending on the conditions under which the player is used.

	NWZ-E363	NWZ-E364
Bit rate	Time	Time
Video Format: 384 kbps Audio Format: 128 kbps	15 hr. 00 min.	30 hr. 20 min.
Video Format: 768 kbps Audio Format: 128 kbps	8 hr. 20 min.	17 hr. 20 min.

Maximum recordable number of photos that can be transferred (Approx.)

Max. 8,000

Recordable number of photos may be less depending on file sizes.

Capacity (User available capacity) (*1)

NWZ-E363: 4 GB (Approx. 3.6 GB = 3,865,470,566 bytes)

NWZ-E364: 8 GB (Approx. 7.3 GB = 7,838,315,315 bytes)

(*1) Available storage capacity of the player may vary.

A portion of the memory is used for data management functions.

Output (headphones)

Frequency response

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

FM radio

FM Frequency range

87.5 to 108.0 MHz

The frequency is changed by 0.1 MHz.

IF (FM)

Not applicable

Antenna

Headphone cord antenna

Interface

Headphone: Stereo mini-jack

USB I/F: mini-B

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 via a USB connector of the player)

Charging time

USB-based charging

Approx. 2 hours (full charge), Approx. 45 minutes (approx. 80%)

Battery life (continuous playback)

Actual battery life may vary depending on settings. The estimated battery usage hours shown below are based on typical usage conditions with “Basic setting of battery life measurement” as shown in the table below.

Note

- Even if the player is turned off for an extended period, a small amount of battery power is still consumed.
- Battery life may vary depending on volume setting, conditions of use, and ambient temperature.

Music	
Playback at MP3 128 kbps	Approx. 30 hours
Video	
Playback at WMV9 384 kbps	Approx. 4 hours
FM radio	
Receiving FM broadcasting	Approx. 13 hours

Player settings which affect battery life

	Setting	Basic setting of battery life measurement (Default setting)
[Common Settings]	[Brightness] (*1) [Details]	[3]
	[Type] of [Screensaver] (*2) [Details]	[Blank]
[Music Settings]	[Equalizer] (*3) [Details]	[None] (*4)
	[Clear Stereo] (*3) [Details]	[Off]
	[Dynamic Normalizer] (*3)	

(*1) When [Brightness] is set to [5], battery life may shorten by about 30%.

(*2) When [Type] of [Screensaver] is set to [Clock], battery life may shorten by about 20%.

(*3) When [Equalizer] is set to [Custom 1], [Clear Stereo] is set to [On], and [Dynamic Normalizer] is set to [On], battery life may shorten by about 50%.

(*4) The default setting of players sold in the Latin America region is [Custom 1], and CLEAR BASS is set to level +3.

Display

2-inch, TFT color display with white LED-backlight, QVGA (240 × 320 pixels), 262,144 colors

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

45 × 87.5 × 9.8 mm (1 13/16 × 3 1/2 × 13/32 inches)

Dimensions (w/h/d)

45 × 87.5 × 9.9 mm (1 13/16 × 3 1/2 × 13/32 inches)

Mass

Approx. 55 g (2.0 oz)

Design and specifications are subject to change without notice.

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Supplied items

- Headphones (1)
- USB cable (1)
- Quick Start Guide
- Software

The software is stored in the built-in flash memory of the player, and includes the following items. For details on how to install, refer to “Quick Start Guide.”

- Content Transfer
- WALKMAN Guide
- User Guide, etc.

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System requirements

- Computer
IBM PC/AT compatible computer preinstalled with the following Windows operating systems (*1):
 - Windows XP Home Edition (*2) (Service Pack 3 or later)
 - Windows XP Professional (*2) (Service Pack 3 or later)
 - Windows Vista Home Basic (Service Pack 1 or later)
 - Windows Vista Home Premium (Service Pack 1 or later)
 - Windows Vista Business (Service Pack 1 or later)
 - Windows Vista Ultimate (Service Pack 1 or later)
 - Windows 7 Home Basic
 - Windows 7 Home Premium
 - Windows 7 Professional
 - Windows 7 Ultimate

Not supported by OSs other than above.

(*1) Excluding OS Versions not supported by Microsoft.

(*2) Excluding 64-bit OS versions.

- CPU: Pentium III 450 MHz or higher for Windows XP, Pentium III 800 MHz or higher for Windows Vista, Pentium III 1 GHz or higher for Windows 7
- RAM: 256 MB or more for Windows XP, 512 MB or more for Windows Vista, 1 GB or more for Windows 7 32-bit versions, 2 GB or more for Windows 7 64-bit versions
- Hard Disk Drive: 600 MB or more of available space
- Display:
 - Screen Resolution: 800 × 600 pixels (or higher) (recommended 1,024 × 768 or higher)
 - Colors: 8 bit or higher (16 bit recommended)
- USB connector (Hi-Speed USB is recommended)
- Internet Explorer 7 or later
- Windows Media Player 11 for Windows XP and Windows Vista, Windows Media Player 12 for Windows 7
- 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

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What is audio format?

▼ What is copyright protection?

▼ What is bit rate?

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

Audio format refers to the method used to import audio data from the Internet or audio CDs to a computer, to save as an audio file.

Common formats include MP3 and WMA, 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 a smaller file size.

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 achieve CD sound quality by recording with this format.

Hint

- For details on supported file formats and bit rates, see [\[Details\]](#).

What is copyright protection?

Certain music files or video files, etc., that you purchase from a music download service site, etc., may have access control technologies applied, such as encryption, to limit usage and duplication of the material, in accordance with copyright laws.

The player cannot play the audio files that use the digital rights management technology for Windows Media ("WM-DRM").

What is bit rate?

Bit rate refers to the amount of data used to store each second of audio, expressed in kbps (kilo bits per second), such as 64 kbps. Generally, higher bit rates provide better sound quality, but require more storage space for the same length of audio.

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.

Note

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

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What is video format?

Video format refers to the method used when importing video and audio data to a computer and saving it as a video file.

WMV: WMV (Windows Media Video) is a video compression format developed by Microsoft Corporation. It was built upon MPEG-4, achieves a high compression rate, and supports copy control by DRM.

Hint

- For details on supported file formats and bit rates, see [\[Details\]](#).

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What is photo format?

Photo format refers to the method used to import images to a computer to save as image files. JPEG is one example of a commonly used format.

JPEG: JPEG (Joint Photographic Experts Group) is a common image compression format developed by the JPEG. JPEG can compress an image file to between 1/10 and 1/100 the size of original image files.

Hint

- For details on supported file formats and bit rates, see [\[Details\]](#).

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