Digital Music Player
DMP-Z1

Use this manual when you have trouble or when you need to know how to use your player.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

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Customer registration websites

We recommend that you register the player to get better customer support.

For customers in the US:

https://productregistration.sony.com/

For customers in Canada:

https://productregistration.sony.ca/

For customers in Latin America:

http://www.sony-latin.com/registration

For customers in Europe:

http://www.sony.eu/mysony/

For customers in China:

https://www.sonystyle.com.cn/b2c_sony/b2c/productRegister.do

For customers in other countries/regions:

https://extra.sony-asia.com/dmpwalkman/register/

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Before first use

Thank you for purchasing a player.

- For information on laws, regulations, and trademark rights, refer to "Important Information" in the internal memory of your unit. To read it, open the following folders in the system storage after you connect the unit to your computer.
[PLAYER] - [Information_HelpGuide] - [Important_Information]
After you double-click the [index.html] file, select a language.

- Before you start using the player, read the topics under [Related Topic].

- All other trademarks and registered trademarks are trademarks or registered trademarks of their respective holders. In this manual, TM and ® marks are not specified.

Before you start using the player, check the following information.

Model names

Several model names appear in this [Help Guide]. Some models are not available depending on the country or region where you purchased the player.

Computer system requirements

When you connect the player to a computer, check the computer system requirements.

Battery charging

The battery might be low when you use the player for the first time. Charge the battery before use.

microSD cards

The following memory cards are referred to as [microSD cards] in this [Help Guide].

- microSD cards
- microSDHC cards
- microSDXC cards

Images and illustrations

The screen images and illustrations shown in this [Help Guide] are for reference only. They may differ from the actual product or onscreen display.

Design and specifications are subject to change without notice.

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Related Topic

- Manuals and general information

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Manuals and general information

Sony provides the following manuals and information regarding the player.
The provided manuals explain the following operations and functions.

- Basic operations.
- Unique functions that require explanations.
- Complicated operations that require instructions.

Help Guide

This Help Guide provides the standard operating procedures only.

- How to transfer content to the player.
- How to use various functions.
- Notes on using the player.

The Help Guide refers to the product as "player."

Startup Guide (printed)

- Basic steps to start listening to music after you purchase the player.

Instruction Manual (printed)

- Notes on using the player
- Compliance information
- How to access [Important Information]

Important Information

- Information on copyrights, laws, and regulations
  See [Before first use] for details on viewing the information.

Customer support website (online)

See [Customer support website] in this [Help Guide].

- The latest information on the player
- FAQ: Frequently Asked Questions

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Before first use
- Customer support website

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Checking the contents of the package

- Digital Music Player (1)
- USB Type-C™ cable (USB-A to USB-C) (1)
- AC adaptor ACDP-045L01 (1)
- AC power cord *
- Carrying case (1)
- Cleaning cloth (1)
- Startup Guide
- Instruction Manual

* Depending on your region/country.

Note

- Headphones and a microSD card are not supplied with the Digital Music Player.

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Configuring the initial setup

When you turn on the player for the first time, the initial setup wizard will launch.
You can set the following items during the initial setup.

- Language
- Date and time

1 **Hold down the button ([1]) for 4 seconds until the player turns on.**

The initial setup wizard will launch. Confirm the message and tap ➡ .
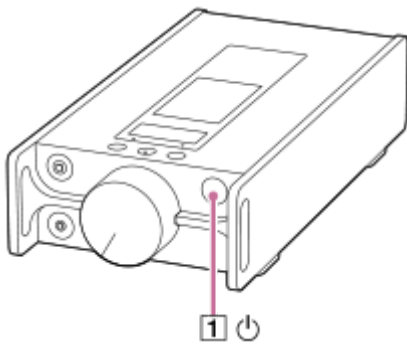
2 **Select the language and tap ➡ .**

3 **Set date and time, and then tap ➡ .**

Follow the onscreen instructions.
You can view the [Guide to High Quality Sound] screen, if you prefer.

Note

- The player does not display a clock. The clock setting is used for data management.

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Installing Music Center for PC (Windows)

Music Center for PC is an application for Windows computers. Use the latest version of Music Center for PC.
You can use Music Center for PC to perform the following operations.

- Importing content (such as music) from CDs to a computer.

- Organizing and managing the content.
  For example, you can create playlists.

- Transferring content on a computer to the player.

Confirm the system requirements before you install Music Center for PC.

1 **Access the Music Center for PC download website.**

https://www.sony.net/smc4pc/

2 **Install Music Center for PC.**

For details on installation, see [Download] – [Installation procedure] on the Music Center for PC support website.
(https://www.sony.net/smc4pc/)

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Related Topic
- Preparing music content
- Transferring content from a Windows computer using Music Center for PC
- System requirements

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Turning the power on or off

1 **Hold down the button (①) for 4 seconds until the player turns on.**

When you turn on the player for the first time, the initial setup wizard will launch. Follow the onscreen instructions. You can set the following items during the initial setup.

- Language
- Date and time
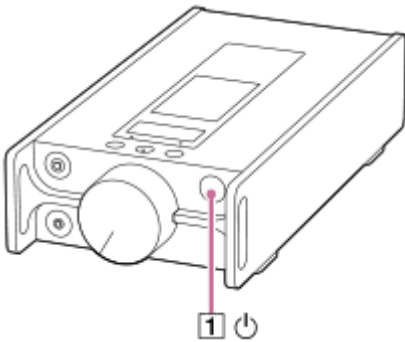
To turn off the player

Hold down the button (①) for 2 seconds while the screen is turned on.
Follow the onscreen instructions to turn off the player.

Hint

- The screen will turn off automatically if you do not operate the player for a certain period of time. To turn on the screen, press the button (①).

- To conserve the battery power, set the player to turn off automatically. The player will turn off automatically if you do not operate the player for 15 minutes after you pause playback. Tap the menu items in the following order to add a check mark.
  ⊞ – [Settings] – [Device Settings] (Basic Settings) – [Auto Power Off].

Note

- The player does not display a clock. The clock setting is used for data management.

- If the player does not turn on, check the connection between the AC adaptor (supplied) and the AC power cord (supplied).

- The battery may be depleted if you have not used the player for a long period of time. Use the AC adaptor to charge the player. If the problem persists even after you have fully charged the player, restart the player.

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**Related Topic**

- Configuring the initial setup

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Charging the battery

1 **Connect the AC power cord (supplied) and the AC adaptor (supplied).**

2 **Connect the AC adaptor to the DC IN 19.5V jack of the player. Then, connect the AC power cord to the wall socket (wall outlet).**

The CHARGE lamp ([1]) will light up.
When charging is finished, the battery status icon will change to 100% ⬚. The color of the CHARGE lamp ([1]) will also change.
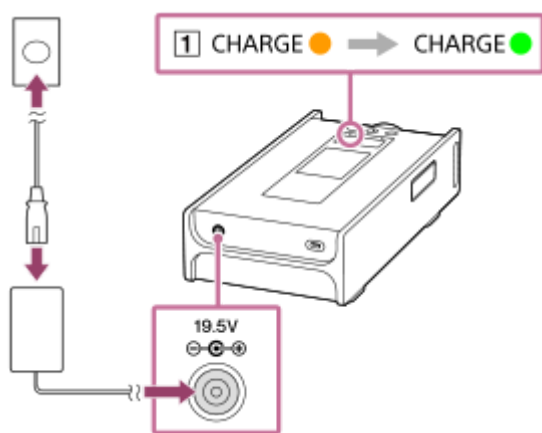
CHARGE 🟠 : Charging is in progress.
CHARGE 🟢 : Charging is finished.

Display during charging

The selected power source and the charging status appear in the information area when you connect the AC adaptor to the player.

[A]: Fully charged; running on battery power
[B]: Fully charged; running on AC power
Tap the information area to switch the power source.

Hint

- For details on how long it takes to charge the battery fully, see [Specifications].

Note

- The CHARGE lamp ([1]) will not light up in the following cases.

  - The AC adaptor is not connected.
  - Battery power is selected as the power source.

- You cannot charge the player through the USB Type-C port.

- This player is equipped with a function to avoid battery deterioration. Battery deterioration can occur when the battery is charged and discharged repeatedly.
  When you connect the player to an AC power source, after you turn off the player by holding down the ⏻ (power) button for 2 seconds, charging continues until the battery is fully charged. Once the battery is fully charged, discharging will start. Discharging continues over a long period of time until the battery runs out.
  Therefore, the player may not turn on if you do not use the player for a long period of time. If you cannot turn on the player even when you hold down the ⏻ (power) button for 4 seconds, disconnect and reconnect the AC adaptor (supplied). Charging will start, and then you can use the player.

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Related Topic

- Reducing the battery consumption
- Notes on charging the battery
- Switching the power source
- Specifications

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Switching the power source

You can select the power source to use when you connect the player to an AC power source. There are 2 options: the built-in rechargeable battery (battery power), and AC power.
Battery power is free from interference by usage conditions. Select battery power for a cleaner power signal and higher audio quality.

1 **Tap on the information area (1).**
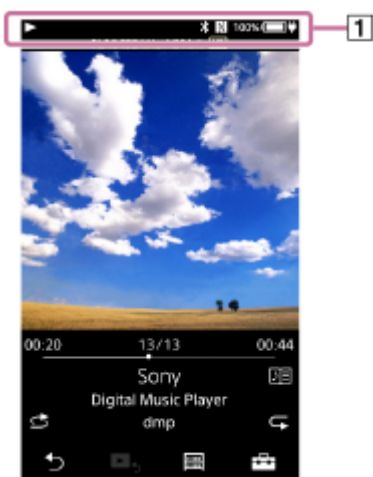
2 **Select [Battery] or [AC].**
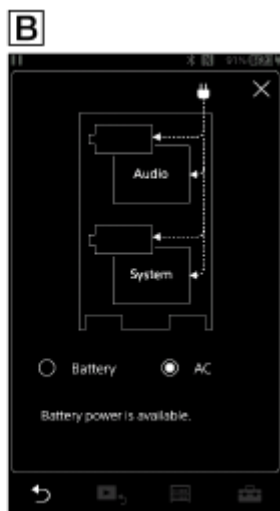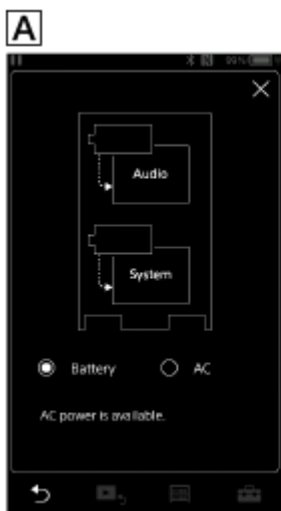
A Battery power screen
B AC power screen

To use battery power preferentially

The player can power on with battery power, even while the AC adaptor (supplied) is connected. Tap the menu items in the following order to add a check mark.
 – [Settings] – [Device Settings] ([Basic Settings]) – [Battery Preferred].

Even when you select [Battery Preferred], charging will start if the following conditions are met.

- The AC adaptor is connected to the player.
- You do not operate the player for 15 minutes while you have paused playback on the player.

If you operate the player, the player will run on battery power again.

Note

- The power source automatically switches to AC power when the following conditions are met.

  - The battery has become depleted while the player is running on battery power.
  - The AC adaptor is connected to the player.

- The power source automatically switches to AC power when you connect the AC adaptor.

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Reducing the battery consumption

You can reduce the battery consumption by using the player in the following manner.
The battery life depends on usage conditions. For details on the battery life, see [Battery life].

- Turn off the power manually when you do not use the player.
- Set [Auto Power Off]. The player will turn off automatically if you do not operate the player for 15 minutes after you pause playback. Tap the menu items in the following order to add a check mark.
  ▭ – [Settings] – [Device Settings] ([Basic Settings]) – [Auto Power Off].

- Set a shorter time for [Screen Off Timer].
  (▭ – [Settings] – [Device Settings] ([Basic Settings]) – [Screen Off Timer].)
  The battery life of the player will become significantly shorter if you play music with the screen turned on.

- Adjust the screen brightness.
- Set all sound quality settings to off.
- Turn off the Bluetooth function when you are not using it.
- Turn off the NFC function when you are not using it.

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Related Topic
- Charging the battery
- Turning the power on or off
- Settings menu
- Sound quality setting screens
- One-touch connections with a Bluetooth device (NFC)
- Using shortcut buttons from the quick setting panel
- Notes on the built-in battery
- Displaying lyrics
- Battery life

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Notes on charging the battery

- The charging time depends on the battery usage conditions.
- This player is equipped with a function to avoid battery deterioration. Battery deterioration can occur when the battery is charged and discharged repeatedly.
  When you connect the player to an AC power source, after you turn off the player by holding down the ⏻ (power) button for 2 seconds, charging continues until the battery is fully charged. Once the battery is fully charged, discharging will start. Discharging continues over a long period of time until the battery runs out.
  Therefore, the player may not turn on if you do not use the player for a long period of time. If you cannot turn on the player even when you hold down the ⏻ (power) button for 4 seconds, disconnect and reconnect the AC adaptor (supplied). Charging will start, and then you can use the player.
- When the battery is sufficiently charged but the battery life has dropped to about half of its normal span, the battery may be worn out. Contact the nearest Sony dealer or Sony Service Center.
- When the ambient temperature exceeds the recommended range, 🌡️ appears on the screen and then charging is forcibly terminated. Charge the battery at an ambient temperature from 5 °C to 35 °C (41 ºF to 95 ºF).
- The battery can be recharged about 500 times from a completely depleted state. The exact number of times may vary depending on the usage conditions.
- To prevent deterioration of the battery, charge the battery at least once every 6 months.
- The player may become hot while charging. This is not a malfunction.
- The battery indicator does not correspond exactly to the remaining battery level. Refer to the battery indicator as a guide.
- You cannot charge the player via the USB Type-C port.

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Related Topic

- Charging the battery
- Reducing the battery consumption
- Notes on the built-in battery
- Battery life

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Using a microSD card

This topic includes instructions for the following operations.

- Inserting a microSD card into the player.
- Removing a microSD card from the player.
- Formatting a microSD card on the player.
  To use a microSD card on the player, you first need to format the microSD card on the player.

1 **Insert a microSD card.**

Open the microSD card slot cover (1).
Insert the microSD cards (2) into the card slots (1 and 2) (3) until they click into place.
Make sure to insert the microSD cards in the correct direction. The gold contact pins should face down.
Close the cover (1).
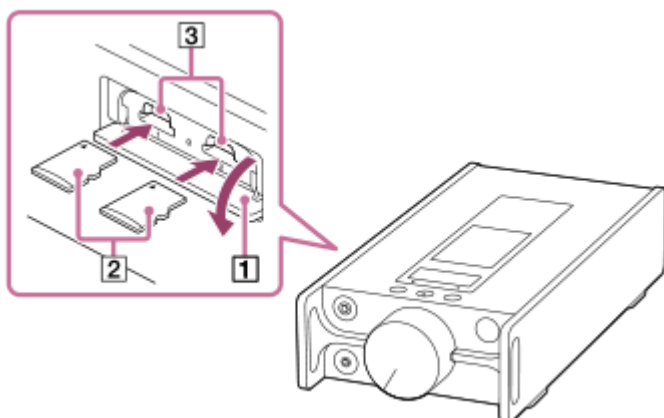
The player will start updating the database.
When the update is complete, the library screen will appear.

2 **Format the microSD card.**

Tap the menu items in the following order.
⊞ – [Settings] – [Device Settings] ([Basic Settings]) – [Reset/Format] – [Format SD Card] – [Format SD Card 1]/[Format SD Card 2].
Follow the onscreen instructions. Make sure to confirm the messages carefully.

To remove the microSD card

Before you remove a microSD card from the player, first unmount the microSD card from the player.

1. On the library screen, tap the menu items in the following order.
   ⊞ – [Settings] – [Device Settings] ([Basic Settings]) – [Mount/Unmount SD Card] – [SD Card 1]/[SD Card 2] – [OK].

2. Open the microSD card slot cover. Make sure that the access lamp (1) is turned off.
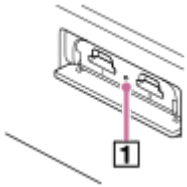
3. Push the microSD card into the microSD card slot.
   The microSD card will pop out.
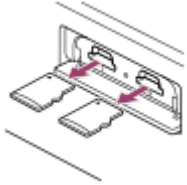
4. Remove the microSD card. Then, close the microSD card slot cover.

> **Note**
> - On the player, you cannot exchange data between the player memory and a microSD card.
>
> - Even when you insert 2 microSD cards into the player, you cannot exchange data between the microSD cards.
>
> - If the player does not recognize the microSD card, remove and reinsert the microSD card into the player.
>
> - Do not insert any object other than a microSD card into the microSD card slot.
>
> - If the inserted microSD card contains a large amount of data, it may take about 10 minutes or longer for the player to update the database.
>
> - When you remove the microSD card, the following information will be deleted.
>   - The content that is currently being played.
>   - The playback position.
>   - Tracks and the playback order on the play queue screen
>   - Bookmark information for tracks on the microSD card.
>
> - Formatting a microSD card will delete all data stored on the microSD card. Save a back up copy of important data.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic
- Notes on microSD cards
- Formatting a microSD card

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Notes on microSD cards

- Use a microSD card that has been formatted on the player. Sony does not guarantee the operation of other microSD cards.
- Sony does not guarantee all operations for microSD cards that are used on multiple devices.
- Formatting a microSD card will delete all data stored on the microSD card. Save a backup copy in advance.
- Do not leave a microSD card within the reach of small children. Small children may accidentally swallow the microSD card.
- Unmount the microSD card ([Mount/Unmount SD Card]) from the player before you remove a microSD card. Otherwise, the player may not function properly.
- Sony does not guarantee the operation of all types of compatible microSD cards with the player.
- Data may be corrupted in the following situations.

  - When a microSD card is removed during a read or write operation.
  - When the player is turned off during a read or write operation.
  - When a microSD card is used in a location where there is static electricity or electrical noise.

- Sony assumes no responsibility for any loss or damage of stored data. Sony recommends that you save a backup copy of important data regularly.
- Observe the following cautions when you handle microSD cards.

  - Do not apply strong force to a microSD card.
  - Do not bend a microSD card.
  - Do not drop a microSD card.
  - Do not disassemble a microSD card.
  - Do not modify a microSD card.
  - Do not expose a microSD card to water.
  - Do not leave a microSD card in the hot interior of a car.
  - Do not leave a microSD card in direct sunlight.
  - Do not leave a microSD card near a heater.
  - Do not leave a microSD card in a humid place.
  - Do not leave a microSD card in a location where corrosive substances are present.

- Observe the following cautions regarding the microSD card slot.

  - Insert microSD cards into the microSD card slot in the correct direction.
  - Do not insert any object other than a microSD card into the microSD card slot.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Using a microSD card
- Formatting a microSD card

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Parts and controls
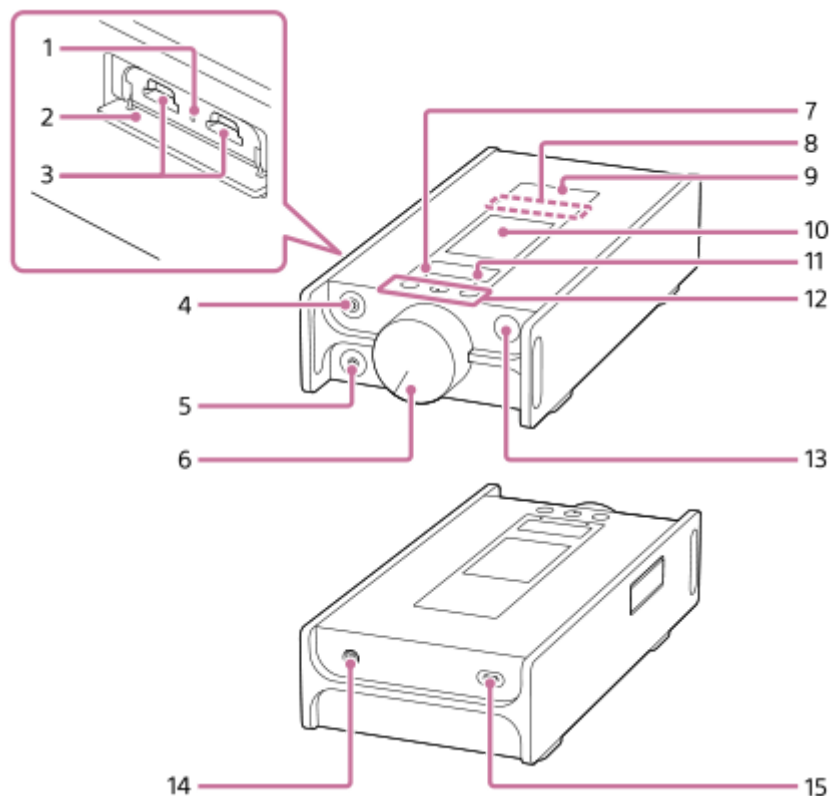
1. **Access lamp (The lamp is inside the slot cover.)**
   Do not remove the microSD cards (not supplied) when the access lamp is lit up.

2. **microSD card slot cover**
   Open the cover to insert microSD cards.

3. **microSD card slots 1/2 (The card slots are inside the slot cover.)**
   Insert microSD cards until they click into place.

4. **Headphone jack (Balanced Standard)**

   - Connect headphones with a balanced standard plug. Push in the headphone plug until it clicks into place. Connect the headphones properly. Otherwise, the output sound will be impaired.
   - Connect passive headphones (*1) to the headphone jack (Balanced Standard) only. If you use an audio cable to connect the headphone jack (Balanced Standard) to the line-in jack of an audio device, it may damage the device.
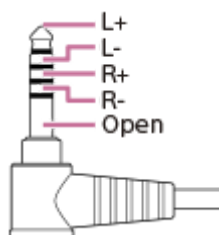
5. **Headphone jack (Stereo Mini)**

   - Connect headphones with a stereo mini plug. Push in the headphone plug until it clicks into place. Connect the headphones properly. Otherwise, the output sound will be impaired.

6. Volume knob
   Turn the knob to adjust the volume.

7. MUTING (muting) lamp
   The lamp lights up or flashes when the player turns off the sound automatically (when the Auto Muting function turns on).

8. Built-in Bluetooth antenna
   The antenna allows the player to connect with Bluetooth devices or smartphones.
   Do not cover the antenna when a Bluetooth connection is active. Otherwise, the connection may be interrupted.

9. N-mark
   Touch the N-mark on a Bluetooth device or a smartphone to this mark.
   The Bluetooth device or the smartphone must support the NFC function.
   You can connect the Bluetooth device or the smartphone to the player.

10. Touch screen
    Tap icons or items on the screen to operate the player.

11. CHARGE (charging) lamp
    CHARGE 🟠: Charging is in progress.
    CHARGE 🟢: Charging is finished.

12. Playback operating buttons
    ►II (*2): Press the button to start or pause playback.
    I◄◄ / ►►I: Press the buttons to jump to the beginning of the current track, previous track, or next track.
    Hold down the buttons to fast-rewind or to fast-forward playback.

13. ⏻ (power) button

    • Press the button to turn the screen on or off.
    • Hold down the button for 4 seconds to turn on the player, and 2 seconds to turn off the player.
    • If operations become unstable, hold down the button for 8 seconds to restart the player.

14. DC IN 19.5V jack
    Connect the AC adaptor (supplied) and the AC power cord (supplied) to this jack.

15. USB Type-C port
    Connect the USB Type-C cable (supplied) to this port.
    You cannot charge the player through the USB Type-C port.

*1 Passive headphones: Headphones without a Noise Canceling function or Bluetooth function.
*2 There is a tactile dot on the ►II button. The tactile dot can help you operate the buttons without looking at them.

Note

• The internal circuit of the player uses a relay. When a pair of headphones is connected to the headphone jack (Balanced Standard or Stereo Mini), you may hear sound from the relay in the following cases.

  – When you change the output device.
  – When you change the content or the sound quality settings.
  – When you turn the power on or off.
  – While the screen is off.

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How to use the various screens

This topic explains the layout of the various screens with the playback screen (A) at the center. Flick the playback screen (A) to switch to other screens (up/down/left/right).
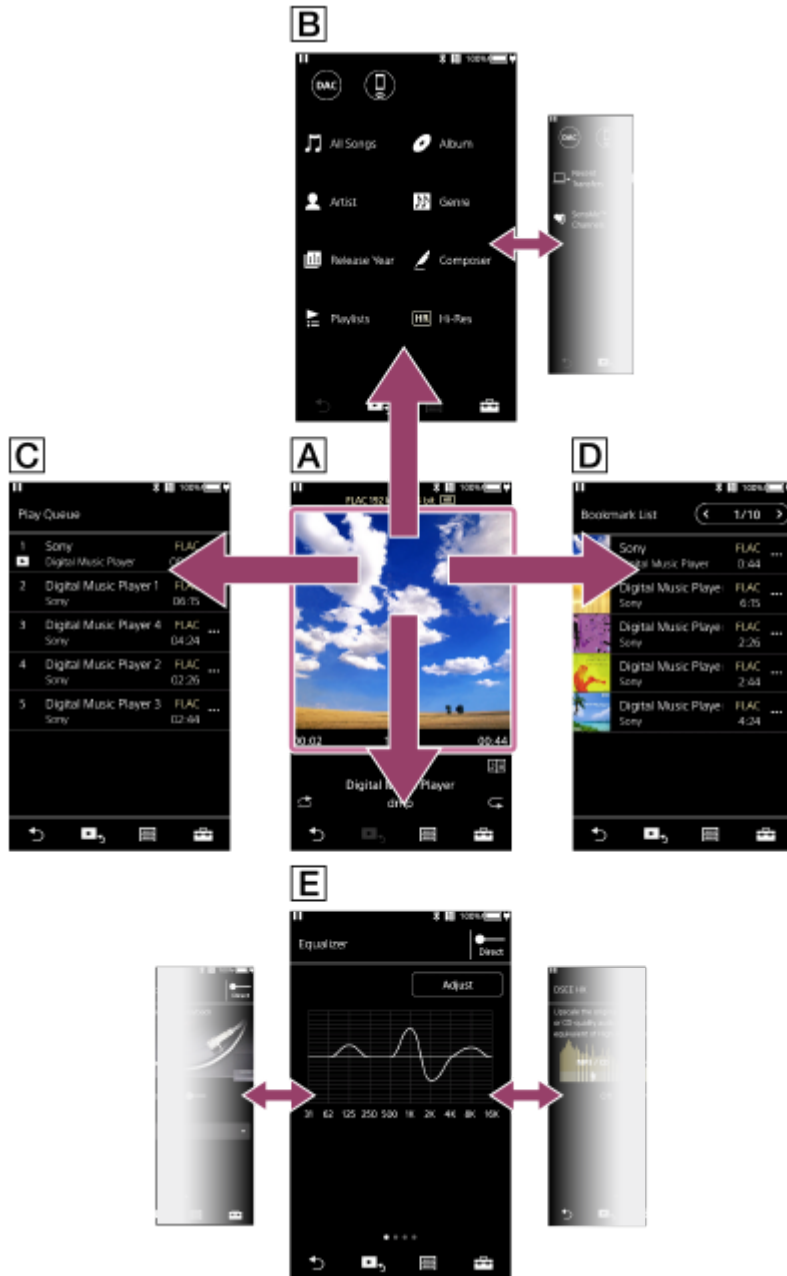
A **Playback screen**

You can confirm a variety of information for the currently selected track.

B **Library screen**

You can select tracks from the library screen. Tracks are classified into various categories (such as [All Songs], [Album], [Artist], etc.).
You can also switch to functions such as USB-DAC and Bluetooth Receiver.

C **Play Queue screen**

You can check the list of tracks that the player will play with the current settings.

D Bookmark List screen

You can listen to tracks that you have registered to a bookmark list beforehand.
You can add tracks to bookmark lists on the playback screen, etc.
The following operations can be performed from this screen.

- Adding tracks to a bookmark list.
- Removing tracks from a bookmark list.
- Changing the order of tracks in a bookmark list.
- Adding tracks to playlists.
- Checking the details of the track information.

E Sound quality setting screens

You can adjust various sound quality settings.
You can save sound quality settings as presets. Up to 3 presets can be stored.

- Equalizer/Tone Control
- DSEE HX
- Dynamic Normalizer
- Vinyl Processor

> **Hint**
>
> - You can also configure sound quality settings from the menu. Tap the menu items in the following order.
>   ⊞ – [Settings] – [Sound Settings] ([Sound]).

Basic operating buttons

There are 4 basic operating buttons at the bottom of each screen. These buttons may not always be active depending on the screen.

- ↩ (back)
  Tap the button to return to the previous screen.

- ▶₅ (go to playback screen)
  Tap the button to return to the playback screen.

- ▦ (library)
  Tap the button to display the library screen.

- ⊞ (options/settings)
  Tap the button to display the option/setting menus.
  You can configure various settings for the player.
  Available menu items may differ depending on the screen or settings. To configure the basic settings for the player, select the [Settings] menu.

Basic playback operating buttons

There are buttons for playback modes (shuffle and repeat) in the lower area of the playback screen.

- (shuffle play)
  Tap the button to shuffle playback.

- (repeat play)
  Tap the button to repeat playback. You can choose to repeat one track or all tracks.

Use the buttons on the top of the player for the following operations.

- Play/pause
- Fast-rewind
- Fast-forward

### Hint

- Drag the timeline bar to change the playback position in a track.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Library screen
- Playback screen
- Play Queue screen
- Bookmark List screen
- Sound quality setting screens
- Playback methods
- USB-DAC screen
- Bluetooth Receiver screen

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Library screen

You can select tracks from the library screen. Tracks are classified into various categories (such as [All Songs], [Album], [Artist], etc.).
You can also switch to functions such as USB-DAC and Bluetooth Receiver.

To display the library screen

Flick the playback screen down.
You can also tap ▦ at the bottom of the screen to display the library screen.

1. **Function buttons**
   You can switch to the following functions.

DAC	USB-DAC
(Bluetooth icon)	Bluetooth receiver

2. **Music categories ([All Songs], [Album], [Artist], etc.)**
   Each track is classified into several categories. Select a track from the desired category.

3. **Page indicator**
   The number of dots represents the number of available pages.

4. **Subcategories**
   After you select a music category, select a subcategory until you find the desired track.
   You can check the codecs for tracks, such as FLAC. Codecs for High-Resolution Audio formats appear in color.

Option/setting menu

Tap 🔧 to display the menu.
Available menu items may differ depending on the screen or settings.

🔧 **Settings**	Select the item to display the Settings menu.
Select Items to Display	Select the item to set which categories to display or not to display.
Reset display item order	Select the item to display the default categories.
❓ **View Help**	Select the item to view the operating guide.

Pop-up menu

Tap ••• to display the pop-up menu. ••• appears beside each item in a subcategory list.
Available menu items may differ depending on the screen or settings.

Add to Bookmark List	Select the item to add a track or subcategory item to the bookmark list.
Add to Playlist	Select the item to add a track or subcategory item to a playlist.
Detailed Song Information	Select the item to display the details of the track.
Delete	Select the item to delete the selected track, folder, or playlist.
Edit Playlist Name	Select the item to change the playlist name.
Delete from Playlist	Select the item to remove the selected track from the playlist.

Hint

- You can drag-and-drop the category icons to change the order.

- You can also display the pop-up menu by holding down an item in the list.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Playing music
- USB-DAC screen
- Bluetooth Receiver screen

Digital Music Player
DMP-Z1

Playback screen

You can confirm a variety of information for the currently selected track.

To display the playback screen

Tap ▶️ at the bottom of the screen.
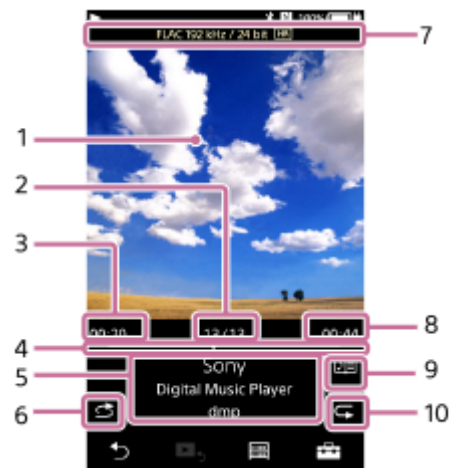
1. Cover art

2. Track number / Total numbers of tracks

3. Elapsed time of the current track

4. Timeline bar

5. Track title / Artist name / Album title

6. Shuffle button

7. Sound quality (codec, sampling frequency, bit rate) / High-Resolution Audio icon

8. Length of the track

9. Lyrics icon

10. Repeat button

Playback screen while a Bluetooth device is connected (Bluetooth transmitting mode)

When the player is playing music via a Bluetooth device (such as headphones), the following information appears.

- Bluetooth (Output destination) / Codec
- Volume buttons (+/–)

Tap the volume buttons to adjust the volume while a Bluetooth device is connected. You cannot use the volume knob on the player while there is an active Bluetooth connection.

Playback screen while a USB device is connected

When the player is playing music via a USB device (such as speakers), the following information appears.

- Sound quality (codec, sampling frequency, bit rate) / High-Resolution Audio icon
- Output destination

Option/setting menu

Tap ⊞ to display the menu.
Available menu items may differ depending on the screen or settings.
Scroll through the menu dialog to display the items listed below.

⊘ **Settings**	Select the item to display the Settings menu.
✎ **Add to Bookmark List**	Select the item to add the current track to a bookmark list.
≡ **Add to Playlist**	Select the item to add the current track to a playlist.
▦ **Change Playback Screen**	Select the item to change the layout of the playback screen.
ⓘ **Detailed Song Information**	Select the item to display the details of the current track.
▤ **Display Lyrics**	Select the item to display the lyrics of the current track.
? **View Help**	Select the item to view the operating guide.

Hint

- You can select the playback screen from 3 different layouts. Tap ▥ and then [Change Playback Screen].

  — Standard
  — Spectrum Analyzer
  — Analog Level Meter

- [Spectrum Analyzer] or [Analog Level Meter] will not appear in the following cases.

  — There is an active Bluetooth connection.
  — USB audio device is connected.

- Drag the timeline bar to change the playback position in a track.

- If you do not operate the player for a certain period of time, items on the playback screen will disappear, or the playback screen itself will turn off.
  To display the items again, perform the following operations.

  — When some of the information on the screen disappears: Tap the screen to display all of the items again.
  — When the screen turns off: Press the ⏻ (power) button to turn the screen back on.

Note

- The elapsed time and timeline bar indications may not be accurate.

- The player may not display cover art depending on the file format.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Playing music
- Playback methods
- Displaying lyrics
- Adjusting the sound quality settings

Digital Music Player
DMP-Z1

Play Queue screen

You can check the list of tracks that the player will play with the current settings.

To display the play queue screen

Flick the playback screen to the right.
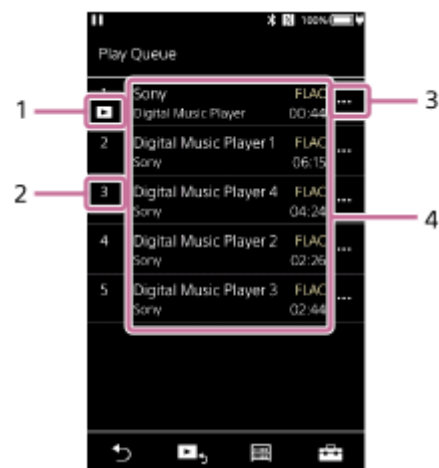
1. Current track

2. Playback order

3. Pop-up menu icon

4. Track information

  - Artist name
  - Track title
  - Codec
    Codecs for High-Resolution Audio formats appear in color.
  - Length

Option/setting menu

Tap ⊞ to display the menu.
Available menu items may differ depending on the screen or settings.

Settings	Select to display the Settings menu.
Add All Songs to Bookmark List	Select the item to add the current play queue to a bookmark list.
Add All Songs to Playlist	Select the item to add the current play queue to a playlist.

Pop-up menu

Tap ••• to display the pop-up menu.
Available menu items may differ depending on the screen or settings.

Add to Bookmark List	Select the item to add the selected track to the bookmark list.

Add to Playlist	Select the item to add the selected track to a playlist.
Detailed Song Information	Select the item to display the details of the track.

Hint

- You can also display the pop-up menu by holding down an item in the list.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.


Related Topic

- How to use the various screens
- Playing music
- Playback methods
- Managing playlists on the player
- Managing bookmarks on the player

Digital Music Player
DMP-Z1

Bookmark List screen

You can listen to tracks that you have registered to a bookmark list beforehand.
You can add tracks to bookmark lists on the playback screen, etc.

To display the bookmark list screen

Flick the playback screen to the left.

1. Track information

- Cover art
- Artist name
- Track title
- Codec
- Length

2. Number of the current list
The previous list and the next list buttons

3. Pop-up menu icon

Option/setting menu

Tap [icon] to display the menu.
Available menu items may differ depending on the screen or settings.

[icon] **Settings**	Select the item to display the Settings menu.
Edit Song Order	Select the item to change the order of tracks in the selected bookmark list. Drag-and-drop [icon] until they are in the desired order.
[icon] **Add All Songs to Bookmark List**	Select the item to add all tracks in the selected bookmark list to another bookmark list.
[icon] **Add All Songs to Playlist**	Select the item to add all tracks in the selected bookmark list to a playlist.
Delete All	Select the item to remove all tracks from the selected bookmark list.

Pop-up menu

Tap ⋯ to display the pop-up menu.
Available menu items may differ depending on the screen or settings.

Add to Another Bookmark List	Select the item to add the selected track to another bookmark list.
Add to Playlist	Select the item to add the selected track to a playlist.
Delete from Bookmark List	Select the item to remove the selected track from the current bookmark list.
Detailed Song Information	Select the item to display the details of the track.

Hint

- You can also display the pop-up menu by holding down an item in the list.

Note

- When you remove a microSD card from the player, tracks on the microSD card will be removed from the bookmark list.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Playing music
- Playback methods
- Managing playlists on the player
- Managing bookmarks on the player

Digital Music Player
DMP-Z1

Sound quality setting screens

You can adjust various sound quality settings.
You can save sound quality settings as presets. Up to 3 presets can be stored.

To display the sound quality setting screen

Flick the playback screen up.

To navigate the sound quality setting screens

Flick the screen left or right to select the sound quality setting that you want to adjust.
Tap the Direct switch to turn off the [Direct Source (Direct)] function so that you can flick the screen.

Adjustable sound quality settings

- Equalizer/Tone Control
- DSEE HX
- Dynamic Normalizer
- Vinyl Processor
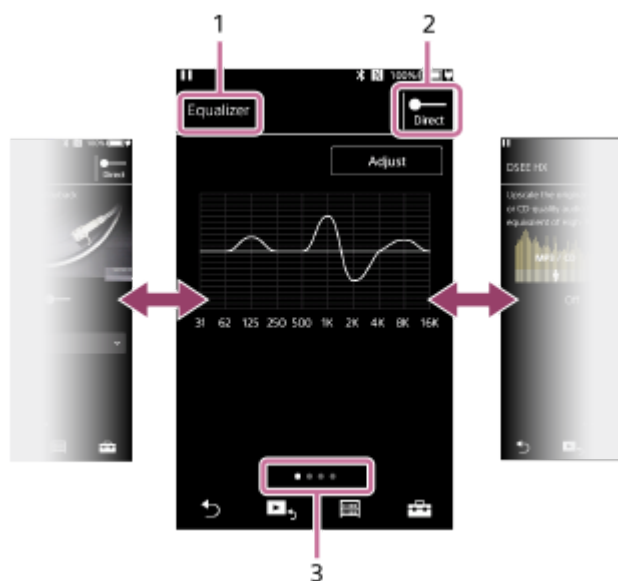
1. Name of the sound quality setting

2. Direct switch
   You can turn the [Direct Source (Direct)] function on or off.

3. Page indicator
   The number of dots represents the number of available pages. Flick the screen to the left or right to switch to a different page.

Option/setting menu

Tap [icon] to display the menu.
Available menu items may differ depending on the screen or settings.

Saved Sound Settings	Select the item to save or retrieve customized settings.
Tone Control	Select the item to switch from the Equalizer screen to the Tone Control screen.

Equalizer	Select the item to switch from the Tone Control screen to the Equalizer screen.

Hint

- You can flick any of the sound quality setting screens down to return to the playback screen.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Adjusting the sound quality settings

Digital Music Player
DMP-Z1

USB-DAC screen

You can use the player as a USB-DAC device. Use this function to listen to music on a computer.

To switch to the USB-DAC function

Tap [DAC] on the library screen.
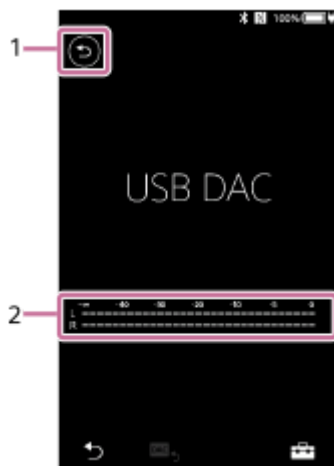
1. [⟲] button
   Tap the button to switch back to the music playback function.

2. Signal indicator
   The indicator reflects the audio signal level of the music content that is being played.

Option/setting menu

Tap [⊟] to display the menu.

🔧 Settings	Select the item to display the Settings menu.

Hint

- Flick the USB-DAC screen up if you want to change the sound quality settings.

- While the player is playing music from a computer using the USB-DAC function, the following information appears on the USB-DAC screen.
  - File format of the current track
  - Sampling frequency of the current track

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

Digital Music Player
DMP-Z1

Bluetooth Receiver screen

You can use the player to enjoy music content stored on a smartphone (Bluetooth Receiver function). Use headphones with the player. The sound quality settings on the player apply to the output sound.

To switch to the Bluetooth Receiver function

Tap ![icon] on the library screen.
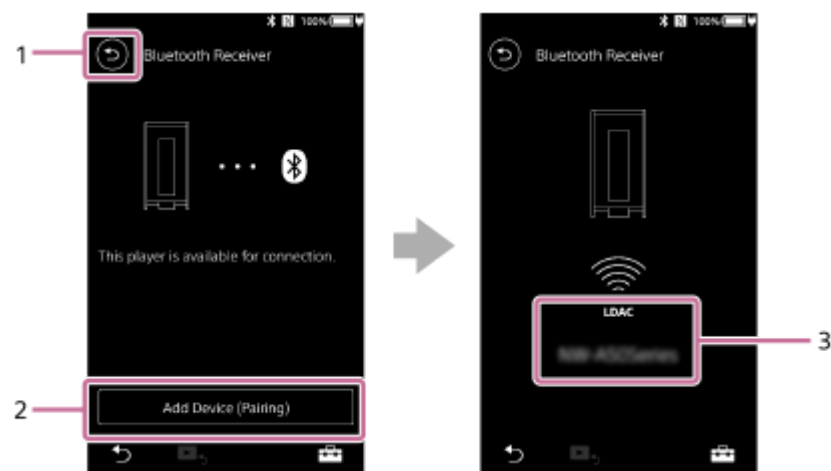
1. ![icon] button
   Tap the button to switch back to the music playback function.

2. [Add Device (Pairing)]
   Tap the button to prepare for pairing. [Cancel] appears while the player is pairing.
   If the player cannot complete pairing within 5 minutes, [Add Device (Pairing)] will appear again.
   If paired devices are found, [Reconnect] will appear.

3. Codec/name of the connected device

Option/setting menu

Tap ![icon] to display the menu.

![icon] Settings	Select to display the Settings menu.

Hint

- Flick upward on the Bluetooth Receiver screen to change the sound quality settings. You can listen to music on a smartphone using the sound quality of the player.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Library screen
- Connecting the player to an unpaired smartphone for the first time
- Connecting the player to a paired smartphone
- One-touch connections with a smartphone (NFC)
- Configuring the Bluetooth function (Bluetooth receiving mode)

Digital Music Player
DMP-Z1

List of icons displayed in the information area

You can check the playback status and various settings using the icons displayed in the information area. The icons vary depending on the status of the player.

1. Information area

►, ▐▐, ►►▌, ▐◄◄	Playback status Play, pause, find the beginning of the next track, find the beginning of the current or previous track
BALANCED	BALANCED indicator The indicator appears when headphones are connected to the headphone jack (Balanced Standard).
DIRECT	Direct Source (Direct)
→DSD	DSD Remastering
H	High Gain Output
(Sleep Timer icon)	Sleep Timer
※	Bluetooth function
N	NFC
100%	Battery status, AC adaptor connected

> **Hint**
>
> - You can switch the power source between AC power and battery power. Tap the information area while the AC adaptor (supplied) is connected to the player.

Related Topic

- Switching the power source

Related Topic

- Switching the power source

Digital Music Player
DMP-Z1

Adjusting the volume / Canceling the Auto Muting function
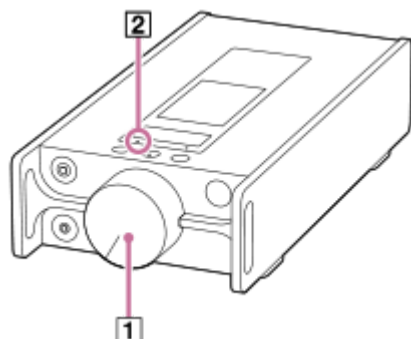
Adjusting the volume

Turn the volume knob (1) to adjust the volume.

> **Hint**
> - The volume may be low when you use certain headphones. In this case, switch the output setting to [High Gain Output]. To change the setting, tap the menu items in the following order.
> ▦ – [Settings] – [Output Settings] ([Basic Settings]) – [High Gain Output] ([Headphone Output]).
> Then, tap the appropriate item for the headphones that you are using.

Auto Muting function

The player is equipped with an Auto Muting function. The Auto Muting function prevents excessive output (loud volume) from the headphones.
In the following cases, the Auto Muting function turns on and sound output stops. The MUTING lamp (2) flashes when the Auto Muting function turns on.

- When you connect headphones to the player.
- When you turn on the player while headphones are connected.
- When you turn the [Direct Source (Direct)] function on or off while headphones are connected.
- When you change the setting for [High Gain Output] while headphones are connected.
- When the output destination changes from another device to the headphone jacks on the player while headphones are connected. (Example: from a Bluetooth device to the headphones, or from a USB audio device to headphones that are connected to the player)
- When you switch the headphones from the headphone jack (Stereo Mini) to the headphone jack (Balanced Standard), or vice versa.

To turn the volume back up

Follow the message on the screen and perform the operations below.

1. Turn the volume knob all the way to the left.

2. Tap [Clear] on the screen.

3. Turn the volume knob to adjust the volume.

To turn off the Auto Muting function

You can change the setting for the Auto Muting function so that the function does not turn on.

1. Tap the menu items in the following order and remove the check mark for [Auto Muting].
   ⊟ – [Settings] – [Output Settings] ([Basic Settings]) – [Auto Muting] ([Headphone Output]).

Even if you turn off the Auto Muting function, the function will turn on in the following cases. These are situations where the output level of the headphone jacks on the player changes drastically.

- When you turn the [Direct Source (Direct)] function on or off while headphones are connected.
- When you change the setting for [High Gain Output] while headphones are connected.

Note

- If you turn off the Auto Muting function, the volume from the headphones may become extremely loud. Be very careful not to damage the headphones or your ears.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic
- Switching the power source

Digital Music Player
DMP-Z1

Browsing the operating guide

You can browse the operating guide to take a quick tour of the operations on the player.

1 **On the library screen or the playback screen, tap ⊞ and then [View Help].**

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Digital Music Player
DMP-Z1

Browsing the operating guide

Digital Music Player
DMP-Z1

Preparing music content

Before you transfer music content to the player, you need to prepare the music content.
This topic includes instructions for the following operations.

- Importing music content from an audio CD to Music Center for PC.
- Importing music content stored on a computer to Music Center for PC.
- Importing music content stored on an external media device to a computer.
- Purchasing music content from online music services.

The instructions below are for operations using Music Center for PC. Music Center for PC is the recommended application for the player. Install Music Center for PC in advance.

Note

- Imported music content is limited to private use only. Use of music content for other purposes requires the permission of the copyright holders.

- If you are using a Mac computer, use Finder. You can transfer music content by dragging and dropping it from Finder.

Importing music content from an audio CD to Music Center for PC

1. Use a computer on which Music Center for PC has been installed.

2. Launch Music Center for PC.

3. Click [CD] under [Import] in the sidebar.

4. Insert an audio CD into the media drive of the computer.
   The music content on the audio CD will appear on the Music Center for PC screen.
   You can change the format setting for importing CDs, if necessary. Click ⋯ next to ⏏, and then select a file format from [CD import settings].

   - For higher sound quality: FLAC
   - For normal sound quality: AAC (.mp4), MP3 (.mp3)

5. Add check marks to the music content that you want to import.

6. Click [Import] to start importing music content.
   To cancel importing, click [Stop].

For details on the procedure, see [How to use] on the Music Center for PC support website. (https://www.sony.net/smc4pc/)

Hint

- You can also use iTunes instead of Music Center for PC to import audio CDs.

Importing music content stored on a computer to Music Center for PC

1. Use a computer on which Music Center for PC has been installed.

2. Launch Music Center for PC.

3. Click ☰ (menu) in the top left of the Music Center for PC screen. Then, select the import method from the [File] menu.

4. Specify folders or files for the music content that you want to import.

5. Start importing music content.

For details on the procedure, see [How to use] on the Music Center for PC support website.
(https://www.sony.net/smc4pc/)

Importing music content stored on an external media device to a computer

Use an external media device that contains music content.
The following instructions are for Windows Explorer. If you are using a Mac computer, use Finder.

1. Connect the external media device to a computer.

2. Open the external media device in Windows Explorer.

3. Open the [Music] folder of the computer in Windows Explorer.

4. Drag-and-drop the folders or files from the external media device to the [Music] folder on the computer.

Purchasing music content from online music services

You can purchase music content from online music services.
Check the service guide for the provider you use. Each service provider has different downloading procedures, compatible file formats, and payment methods. Note that the provider may choose to suspend or terminate the service without notice.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Installing Music Center for PC (Windows)
- Transferring content from a Windows computer using Music Center for PC
- Transferring content using Windows Explorer
- Transferring content using Mac Finder
- Adding lyric information using a computer
- Playing music

Digital Music Player
DMP-Z1

Purchasing High-Resolution Audio content

High-Resolution Audio refers to audio content in a format with higher sound quality than the CD standard. High-Resolution Audio content is available via online music services.

Access an online music service that provides High-Resolution Audio content. Services vary by country or region. Check the service guide for the provider you use. Each service provider has different downloading procedures, compatible file formats, and payment methods.
Note that the provider may choose to suspend or terminate the service without notice.

To transfer High-Resolution Audio content to the player

- On a Windows computer: Use Music Center for PC or Windows Explorer.
- On a Mac computer: Use Finder.

Hint

- High-Resolution Audio content is indicated with an icon (HR) both on the player and in Music Center for PC.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Installing Music Center for PC (Windows)
- Transferring content from a Windows computer using Music Center for PC
- Transferring content using Windows Explorer
- Transferring content using Mac Finder

Digital Music Player
DMP-Z1

Transferring content from a Windows computer using Music Center for PC

You can transfer music content that is stored on a Windows computer to the player via Music Center for PC.
Illustrations and operational procedures are examples when using Music Center for PC Version 2.0.

> **Note**
> - If you connect the player to a battery-powered computer, the battery of the computer will deplete. When you connect the player to a computer for a long period of time, connect the computer to an AC power supply.

1 **Use a computer on which Music Center for PC has been installed.**

2 **Launch Music Center for PC.**

3 **Connect the player to the computer via USB.**

4 **Select the connected device from [Transfer and Manage] in the sidebar of the Music Center for PC screen.**

The transfer screen for the player will appear on the right side.
A list of music content in Music Center for PC will appear on the left side.

5 **Select a destination from the transfer screen.**

To transfer music content to the microSD card in the player:
Select the microSD card from the device selection menu on the transfer screen.

6 **Select albums or tracks from the left side.**

7 **Click** → **to transfer.**

For details on the procedure, see [How to use] on the Music Center for PC support website.
(https://www.sony.net/smc4pc/)

> **Note**
> - Do not disconnect the USB Type-C cable during data transfer (USB Type-C cable: supplied). Otherwise, the data may be damaged.

- Transferred music content is limited to private use only. Use of music content for other purposes requires the permission of the copyright holders.

- On the player, you cannot exchange data between the player memory and a microSD card. Also, when you use 2 microSD cards, you cannot exchange data between the microSD cards.

- The use of a USB hub is only guaranteed when you use a self-powered USB hub that carries an authorized logo.

- While the player is connected to a computer, observe the following cautions. Otherwise, the player may not function properly.
  - Do not turn on the computer.
  - Do not restart the computer.
  - Do not wake the computer from sleep mode.
  - Do not shut down the computer.

- While you are transferring or importing music content on Music Center for PC, make sure that the computer does not enter the sleep mode or standby mode.
  The data may be lost or Music Center for PC may not reboot normally.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Installing Music Center for PC (Windows)
- Preparing music content
- Purchasing High-Resolution Audio content
- Transferring content using Windows Explorer
- Playing music
- Supported formats

Digital Music Player
DMP-Z1

Transferring content using Windows Explorer

You can transfer music content directly by dragging and dropping it from Windows Explorer.

> **Note**
> - If you connect the player to a battery-powered computer, the battery of the computer will deplete. When you connect the player to a computer for a long period of time, connect the computer to an AC power supply.

① **Connect the player to the computer via USB.**
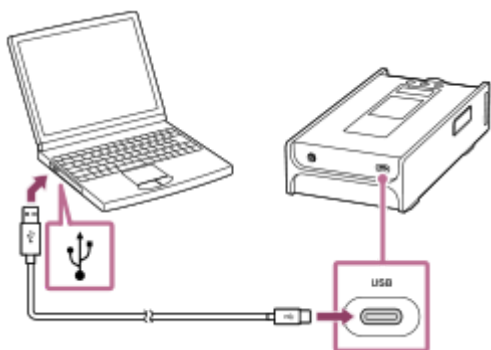
② **Open the [PLAYER] folder as follows.**

- Windows 10:
  Open [File Explorer] from the [Start] menu. Select [PLAYER] from the left pane.
- Windows 8.1:
  Open [File Explorer] from [Desktop]. Select [PLAYER] from the list under [This PC].
- Windows 7:
  Select [Start], [Computer], and then [PLAYER].

You can also transfer music content to a microSD card.
Select the folder with the name of the microSD card instead of [PLAYER].

③ **Open the [MUSIC] folder in [PLAYER].**

④ **Drag-and-drop the files or folders on the computer to the [MUSIC] folder.**

Confirm that the transfer is complete. Then, disconnect the player from the computer.

Hint

- Refer to [Supported formats] for details on compatible file formats.

- You can add cover art images for albums manually so that the image will appear on the player screen. First, rename the image file with the same name as the folder for the album. (Do not change the extension for the image file at this time.) Then, add the image file to the folder for the album.
  The player displays the following files for cover art images.

  - Baseline JPEG
  - Non-interlaced PNG
  - Maximum size: 4,096 × 4,096

Note

- Observe the following precautions. Otherwise, the player may not be able to play the files.

  - Do not change the names of the root folders (such as [MUSIC]).
  - Do not transfer the files to folders other than [MUSIC].
  - Do not disconnect the USB Type-C cable during data transfer (USB Type-C cable: supplied).
  - Do not format the memory of the player on the computer.

- The player may not display information for some music content correctly depending on the language setting on the player.

- Transferred music content is limited to private use only. Use of music content for other purposes requires the permission of the copyright holders.

- The use of a USB hub is only guaranteed when you use a self-powered USB hub that carries an authorized logo.

- While the player is connected to a computer, observe the following cautions. Otherwise, the player may not function properly.
  - Do not turn on the computer.
  - Do not restart the computer.
  - Do not wake the computer from sleep mode.
  - Do not shut down the computer.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Preparing music content
- Purchasing High-Resolution Audio content
- Transferring content from a Windows computer using Music Center for PC
- Playing music
- Supported formats

Digital Music Player
DMP-Z1

Importing content from the player to Music Center for PC

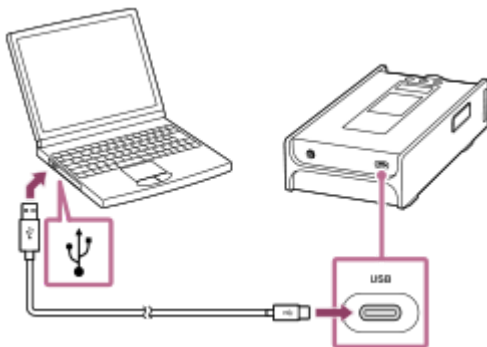Illustrations and operational procedures are examples when using Music Center for PC Version 2.0.

Note

- If you connect the player to a battery-powered computer, the battery of the computer will deplete. When you connect the player to a computer for a long period of time, connect the computer to an AC power supply.

1 **Use a computer on which Music Center for PC has been installed.**

2 **Launch Music Center for PC.**

3 **Connect the player to the computer via USB.**

4 **Select the connected device from [Transfer and Manage] in the sidebar of the Music Center for PC screen.**

The transfer screen for the player will appear on the right side.
A list of music content in Music Center for PC will appear on the left side.
To import music content from the microSD card in the player:
Select the microSD card from the device selection menu on the transfer screen.

5 **Click [Manage songs in device] to display the list of music content on the player.**

6 **Select the music content that you want to import to Music Center for PC.**

7 **Right-click the music content to select [Import to PC].**

For details on the procedure, see [How to use] on the Music Center for PC support website.
(https://www.sony.net/smc4pc/)

Note

- Do not disconnect the USB Type-C cable during data transfer (USB Type-C cable: supplied). Otherwise, the data may be damaged.

- Imported music content is limited to private use only. Use of music content for other purposes requires the permission of the copyright holders.

- The use of a USB hub is only guaranteed when you use a self-powered USB hub that carries an authorized logo.

- While the player is connected to a computer, observe the following cautions. Otherwise, the player may not function properly.
  - Do not turn on the computer.
  - Do not restart the computer.
  - Do not wake the computer from sleep mode.
  - Do not shut down the computer.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Installing Music Center for PC (Windows)
- Playing music
- Supported formats

Digital Music Player
DMP-Z1

Transferring content using Mac Finder

You can transfer music content directly by dragging and dropping it from Finder. Music content with copyright protection cannot be transferred.

> **Note**
>
> - If you connect the player to a battery-powered computer, the battery of the computer will deplete. When you connect the player to a computer for a long period of time, connect the computer to an AC power supply.

① **Connect the player to a running computer via USB.**
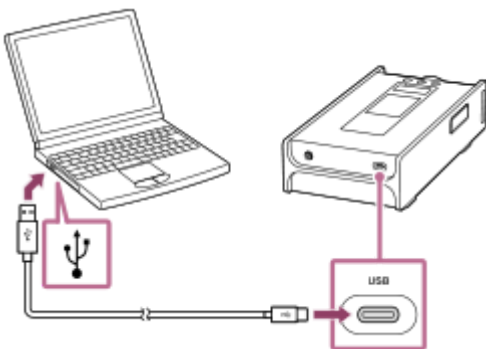
② **Select [PLAYER] in the sidebar of the Finder.**

You can also transfer music content to a microSD card.
Select the folder with the name of the microSD card instead of [PLAYER].

③ **Open the [MUSIC] folder in [PLAYER].**

④ **Drag-and-drop the files or folders (①) to the [MUSIC] folder (②) in [PLAYER].**

Confirm that the transfer is complete. Then, disconnect the player from the computer.

> **Hint**
>
> - Refer to [Supported formats] for details on compatible file formats.

- You can add cover art images for albums manually so that the image will appear on the player screen. First, rename the image file with the same name as the folder for the album. (Do not change the extension for the image file at this time.) Then, add the image file to the folder for the album.
The player displays the following files for cover art images.

    - Baseline JPEG
    - Non-interlaced PNG
    - Maximum size: 4,096 × 4,096

Note

- Observe the following precautions. Otherwise, the player may not be able to play the files.

    - Do not change the names of the root folders (such as [MUSIC]).
    - Do not transfer the files to folders other than [MUSIC].
    - Do not disconnect the USB Type-C cable during data transfer (USB Type-C cable: supplied).
    - Do not format the memory of the player on the computer.

- The player may not display information for some music content correctly depending on the language setting on the player.

- Transferred music content is limited to private use only. Use of music content for other purposes requires the permission of the copyright holders.

- The use of a USB hub is only guaranteed when you use a self-powered USB hub that carries an authorized logo.

- While the player is connected to a computer, observe the following cautions. Otherwise, the player may not function properly.
    - Do not turn on the computer.
    - Do not restart the computer.
    - Do not wake the computer from sleep mode.
    - Do not shut down the computer.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic
- Preparing music content
- Purchasing High-Resolution Audio content
- Playing music
- Supported formats

Digital Music Player
DMP-Z1

Adding lyric information using a computer

You can input lyrics to a text file (an LRC file). Transfer both the text file (LRC file) and the music file to the player.

Creating lyrics in a text file (LRC file)

1. Open the [Notepad] in Windows Accessories.

2. Enter the lyrics into [Notepad].

3. Play the track and enter the time to display each line of text.

```
[00:01:90]Let's go
[00:05:27]Walk across the bridge
[00:13:72]Let's fly in the sky
```
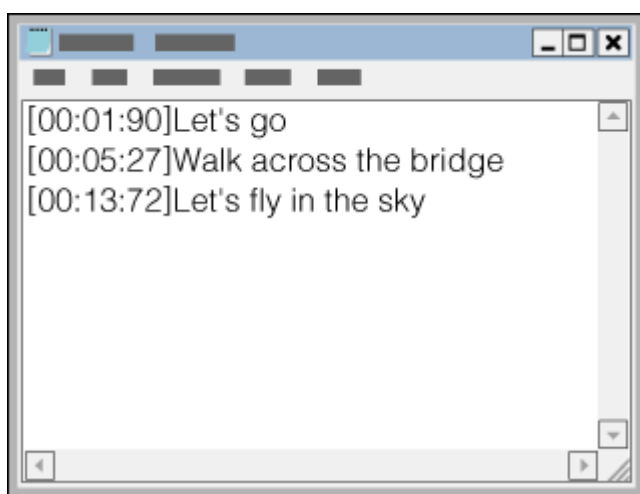
- You can enter the time information to the left of each line of text in the following format.
  Minutes:seconds:hundredths of a second (*1)
- Time information must be entered in chronological order.
- You can separate seconds and hundredths of a second using a period instead of a colon.

*1 You can omit hundredths of a second.

4. Save the file.

- Select [UTF-8] as the character encoding.
- Set the same file name as the music file.
- Set [.lrc] as the extension.
- The maximum file size is 512 KB.
- If a text line cannot fit on the screen, it will be wrapped.
- The number of lines of text that can be displayed simultaneously depends on the model.
- CR, CRLF, and LF line breaks are all recognized.
- Blank text lines will be skipped.

5. Connect the player to the computer via USB.

6. Open the [PLAYER] folder according to one of the following procedures.

- Windows 10:
  Open [File Explorer] from the [Start] menu. Select [PLAYER] from the left pane.
- Windows 8.1:
  Open [File Explorer] from [Desktop]. Select [PLAYER] from the list under [This PC].

- Windows 7:
  Select [Start], [Computer], and then [PLAYER].

You can also transfer music files to a microSD card.
Select the folder with the name of the microSD card instead of [PLAYER].

7. Create a new folder in the [MUSIC] folder under [PLAYER]. Then, drag-and-drop both the music file and the LRC file into the new folder to transfer them.

Hint

- The following numbers of characters are recommended when you display lyrics on the player.
  - Single-byte characters (for example, alphanumeric characters): 40 characters per line.
  - 2-byte characters (for example, Chinese characters): 20 characters per line.

- Save the LRC files in the same folder as the music files. The LRC files will be transferred to the player when the music files are transferred.

- On a Mac computer, you can create lyrics using "TextEdit" and other text editors. Follow the same procedure as that described above to enter the lyrics or time information in the "Plain text" setting.

Copyright notice

When you create LRC files using copyrighted materials authored by others, the LRC files are limited to private use only. Use of LRC files for other purposes requires the permission of the copyright holders.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.


Related Topic

- Obtaining lyric information
- Displaying lyrics

Digital Music Player
DMP-Z1

Notes on transferring content from a computer

Drag-and-drop music files into the correct folder as shown in the following illustration.
The player can play back music files stored in the first through eighth level of each folder.
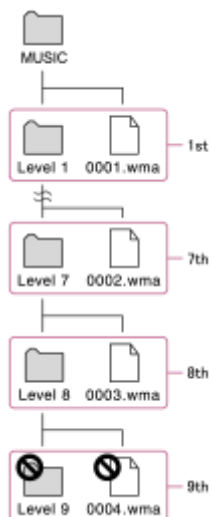
Note

- Do not rename the following default folders. Otherwise, the player will not recognize the folders.
  - MUSIC

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Digital Music Player
DMP-Z1

Playing music

To play tracks, first select a category.
You need to transfer music content from a computer to the player in advance.

On a Windows computer

- Use Music Center for PC to transfer content from a CD or the computer to the player.
- Drag-and-drop content from Windows Explorer.

On a Mac computer

- Drag-and-drop content from Finder.

1   **Tap ▦ to open the library screen.**

2   **Tap the desired category (1).**

You can flick the screen to the left or right to switch pages. The number of dots represents the number of available pages (2).
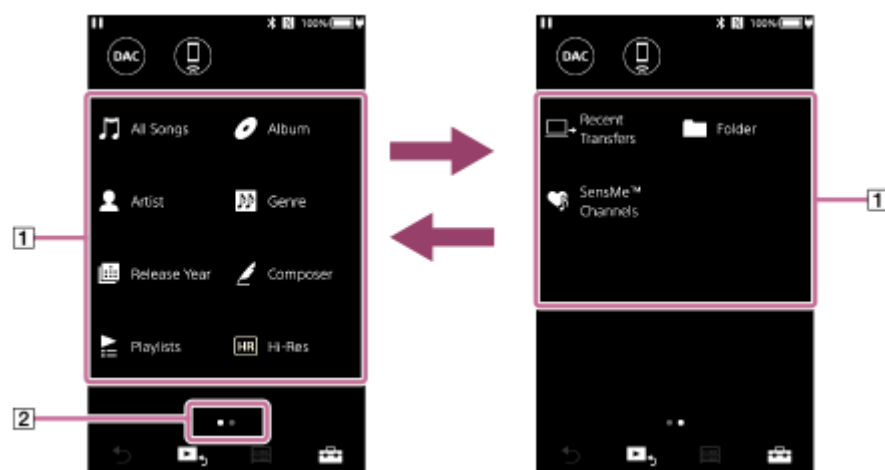
3   **Select subcategories until a track list appears, and then select the desired track.**

Playback will start.

Playback operating buttons on the player

Operation button	Function
►ΙΙ	Press the button to start or pause playback.
Ι◄◄	Press the button to skip to the beginning of the current track or the previous track. Hold down the button to fast rewind the track while playing.
►►Ι	Press the button to skip to the beginning of the next track. Hold down the button to fast forward the track while playing.

Note

- If the player does not play tracks in the order you want, try the following.

  - Use the bookmark function or playlist function on the player.
  - Create playlists with Music Center for PC and transfer them.

- The battery life becomes considerably shorter if the touch screen remains on during playback. Tap the menu items in the following order. The touch screen will turn off automatically after a set length of time. This menu item conserves the battery power.
  ▭ – [Settings] – [Device Settings] ([Basic Settings]) – [Screen Off Timer].

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.


Related Topic

- Turning the power on or off
- Switching the power source
- How to use the various screens
- Installing Music Center for PC (Windows)
- Library screen
- Playback screen
- Preparing music content
- Transferring content from a Windows computer using Music Center for PC
- Transferring content using Windows Explorer
- Transferring content using Mac Finder
- Playback methods

Digital Music Player
DMP-Z1

Playback methods

This topic includes instructions for the following operations.

- Selecting the playback mode.
- Setting the playback range.

Selecting the playback mode

1. Tap the area (1 or 2) to select a playback mode.

   - : Shuffle Playback
   - 1: Repeat 1 Song
   - : Repeat All

   When and are lit up, the player will play all tracks in the selected playback range randomly.
   To return to the normal playback mode, tap the icons so that both and darken.

   Hint
   - You can also set the playback mode from the settings menu. Tap the menu items in the following order.
      – [Settings] – [Playback Settings] ([Basic Settings]).
     Then, select the desired playback mode from [Play Mode].

Setting the playback range

1. Tap the menu items in the following order.
    – [Settings] – [Playback Settings] ([Basic Settings]).

2. Tap the desired playback range from [Playback Range].

Diagram of the relationship between playback mode and playback range

Play Mode	Playback Range		
	All Range		**Selected Range**
	All tracks are played in random order.		Tracks in the

Shuffle Playback	To shuffle all the tracks on the player, select [All Songs] on the library screen. If you select a track from [Album] on the library screen, the player will shuffle all the tracks in the selected album. When the player finishes playing all the tracks in the album, playback will proceed to the next album. Then, the player will shuffle all the tracks in the album.	selected range are played in random order. (*1)
Repeat Off	All tracks are played in sequential order.	Tracks in the selected range are played in sequential order. (*1)
⟲1 **Repeat 1 Song**	The current track is played repeatedly.	The current track is played repeatedly.
⟲ **Repeat All**	All tracks are played repeatedly. To repeat all the tracks on the player, select [All Songs] on the library screen.	Tracks in the selected range are played repeatedly. (*1)

*1 "Selected range" means one album or one artist, for example.

Note

- When you play a track using the [SensMe™ Channels] function, you cannot change the playback mode.

- When you select a track from a bookmark list, the player plays tracks in the selected bookmark list only.
  Tracks in other bookmark lists will not be played even when [Playback Range] is set to [All Range].

- When you select a track from a playlist, the player plays tracks in the selected playlist only.
  Tracks in other playlists will not be played even when [Playback Range] is set to [All Range].

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Playback screen
- Playing music

Digital Music Player
DMP-Z1

Using [SensMe™ Channels]

The [SensMe™ Channels] function automatically groups tracks by theme. You can play tracks to suit your mood, current activity, the time of day, and more.
To use the [SensMe™ Channels] function on the player, tracks must be analyzed by Music Center for PC before you transfer the tracks. To analyze tracks, activate the 12 TONE ANALYSIS function on Music Center for PC. The tracks that are imported to Music Center for PC will be automatically analyzed and the results will be set to the tracks. For details on operation, see the Music Center for PC support website.

1 **On the library screen, tap [SensMe™ Channels].**

Hint

- [SensMe™ Channels] can be used for tracks that were transferred from applications that support the 12 TONE ANALYSIS technology (developed by Sony).

- When you open a channel using the [SensMe™ Channels] function or switch to a different channel, the track is played starting from the most melodic or rhythmical section.

- Tracks are played in random order. Each time you select a channel, the order of playback will be different.

Note

- The player only displays channels that contain tracks.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Library screen

Digital Music Player
DMP-Z1

Obtaining lyric information

To display lyric information on the player, you need to transfer a lyric text file (LRC file) together with the track file to the player.

You can obtain lyric information in the following ways.

- Obtain lyric information via the Internet, and then create a text file (LRC file).
- Input lyrics to a text file (LRC file) by yourself.

For details on LRC files, refer to the relevant topic under [Related Topic].

Note

- Lyric information is limited to private use only. Use of lyric content for other purposes requires the permission of the copyright holders.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Displaying lyrics
- Adding lyric information using a computer

Digital Music Player
DMP-Z1

Displaying lyrics

Transfer tracks with lyric information to the player. Then, set the player to display lyrics.
When lyric information is available for a track, an icon ([1]) lights up.

1 **On the playback screen, tap [icon] and then [Display Lyrics].**

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Obtaining lyric information
- Adding lyric information using a computer

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Digital Music Player
DMP-Z1

Managing playlists on the player

You can collect your favorite tracks and save them as playlists on the player.
This topic includes instructions for the following operations.

- Adding tracks to playlists on the player.
- Listening to playlists on the player.
- Deleting playlists from the player.

Adding tracks to playlists on the player

Playlists can be saved either in the internal memory of the player or on the microSD card. You cannot add a track from the internal memory to a playlist on the microSD card or vice versa.
When 2 microSD cards are inserted, you cannot add a track from one of the microSD cards to a playlist on the other microSD card.

1. Perform one of the following.

   - While the player is playing or pausing a track that you want to add to a playlist:
     On the playback screen, tap [ ] and then [Add to Playlist].
   - When a list (track list, album list, play queue, etc.) is displayed:
     Tap [...] beside the desired item in the list to display the pop-up menu. Then, tap [Add to Playlist].

   The playlist selection screen will appear.

2. Tap the playlist name to add the track.

> **Hint**
>
> - Up to 999 tracks can be added to a playlist.
>
> - You can add a whole list to a playlist. When the play queue screen or the bookmark list screen is displayed, tap [ ] and then [Add All Songs to Playlist].
>
> - You can change the order of tracks in a playlist. Select a playlist from the library screen. Tap [ ] and then [Edit Song Order]. Drag-and-drop [≡] to rearrange the tracks. Tap [Complete] to save the order of tracks.
>
> - You can change the name of a playlist from the pop-up menu. On the library screen, tap [Playlists]. Tap [...] beside the desired playlist and then [Edit Playlist Name].
>
> - You can transfer playlists created using Music Center for PC to the player. Playlists in the m3u file format can be managed on the player.
>
> - You can create a new playlist on the player. To create a new playlist, tap the menu items in the following order.
>   [ ] – [Add to Playlist] – [New Playlist].
>   Then, name the playlist and tap [Complete] to finish.

> **Note**
>
> - You cannot register cover art images for playlists.

Listening to tracks in a playlist on the player

1. On the library screen, tap [Playlists].

2. Tap the desired playlist and then tap the desired track.

Deleting playlists from the player

1. On the library screen, tap [Playlists] to display the list of playlists.

2. Tap ··· beside the playlist that you want to delete, and then tap [Delete].

3. Follow the onscreen instruction.

Hint

- You can remove a track from a playlist.
  Display the list of tracks in the playlist and tap ··· to display the pop-up menu. Then, select [Delete from Playlist].

Note

- Even if you delete a playlist, the tracks in the playlist will not be deleted from the player.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.
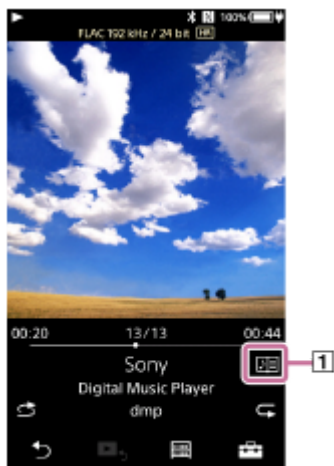

Related Topic

- Library screen
- Playback screen
- Play Queue screen
- Bookmark List screen

Digital Music Player
DMP-Z1

Managing bookmarks on the player

You can add your favorite tracks to bookmark lists. Up to 10 bookmark lists are available. Up to 999 tracks can be added to a bookmark list.
This topic includes instructions for the following operations.

- Adding tracks to bookmark lists.
- Listening to bookmarked tracks on the player.
- Removing tracks from a bookmark list on the player.

Adding tracks to bookmark lists

1. Perform one of the following.

    - While the player is playing or pausing a track that you want to bookmark:
      On the playback screen, tap ⊞ and then [Add to Bookmark List].
    - When a list (track list, album list, play queue, etc.) is displayed:
      Tap ⋯ beside the desired item in the list to display the pop-up menu. Then, tap [Add to Bookmark List].

    The bookmark list selection screen will appear.

2. Select the desired bookmark list.

Hint

- You can add a whole list to a bookmark list. When the play queue screen or the bookmark list screen is displayed, tap ⊞ and then [Add All Songs to Bookmark List].

- You can change the order of tracks in a bookmark list.
  Select a bookmark list. Tap ⊞ and then [Edit Song Order]. Drag-and-drop ☰ to rearrange the tracks. Tap [Complete] to save the order of tracks.

Note

- You cannot import bookmark lists to a computer.

Listening to bookmarked tracks on the player

1. Display the bookmark list screen.

2. Tap ◁/▷ to select a list, and then select a track.

Removing tracks from a bookmark list on the player

1. Tap ⋯ beside the track in a bookmark list.

2. Tap [Delete from Bookmark List].

Hint

- You can remove all the tracks from a bookmark list.
  On the bookmark list screen, tap ⊞ and then [Delete All].

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Library screen
- Playback screen
- Play Queue screen
- Bookmark List screen

Digital Music Player
DMP-Z1

Deleting tracks from the player

You can delete tracks from the player.

1 **On the library screen, display one of the following items.**

- To delete tracks, tap the desired category (albums, artists, etc.), and the desired subcategory until a track list appears.
- To delete a folder, tap [Folder] and then the desired folder.

2 **Tap** ⋯ **to display the pop-up menu and tap [Delete].**

Follow the onscreen instructions.

Hint

- You can also delete tracks on a computer using the following applications. For details on operations, refer to the online help information for each application.
  − Windows: Music Center for PC, Windows Explorer
  − Mac: Finder

Note

- When you delete tracks using Windows Explorer or Mac Finder, do not delete or rename the root folder (such as [MUSIC]). Otherwise, the player will not recognize the content.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Library screen

Digital Music Player
DMP-Z1

Viewing a guide to enjoy high quality sound

You can view information on enjoying content in high sound quality.

1 **On the playback screen, tap the menu items in the following order.**
⊞ – [Settings] – [Guide to High Quality Sound] ([Sound]).

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Library screen
- Sound quality setting screens
- Adjusting the sound quality settings

Digital Music Player
DMP-Z1

Connecting the player to an unpaired Bluetooth device for the first time

The BLUETOOTH® function enables wireless connections between devices. The devices need to support Bluetooth wireless technology. A wireless connection is possible at a range of up to 10 meters in an open area.
You can use the Bluetooth transmitting function for the following operations.

- Listening to music wirelessly.
  Connect a Bluetooth device such as headphones or speakers. You can listen to music wirelessly.

When you connect Bluetooth devices wirelessly for the first time, the devices must be registered to each other. This registration is called "pairing". Once the player and the device are paired, you can easily connect the devices in the future.
The following instructions are a basic step-by-step procedure for connecting the player and a Bluetooth device.

1 **Turn on the Bluetooth function on the Bluetooth device, if necessary.**

2 **On the library screen of the player, tap the menu items in the following order.**
⊞ – [Settings] – [Connect to/Add Audio Device] ([Bluetooth]).

The Bluetooth connection screen will appear.

3 **Tap the Bluetooth switch ([1]) to turn on the Bluetooth function and tap [Add Device (Pairing)] ([2]).**

❋ will appear in the information area. A list of the connectable devices will appear on the screen ([3]).
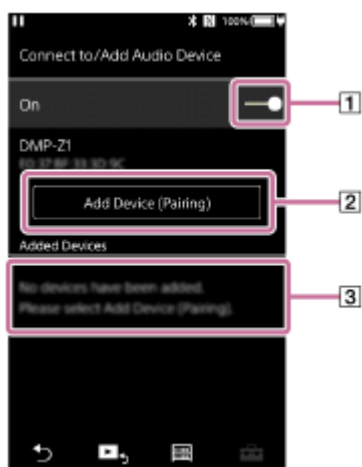
4 **Tap the Bluetooth device.**

If you are required to enter a passkey while pairing, check and enter the passkey for the Bluetooth device. For details on the passkey for the Bluetooth device, refer to the manual of the device.
When the connection is established, [Connected] will appear in [3].

5 **From the library screen, select and play a track.**

The sound will be output from the connected Bluetooth device.

To disconnect from a paired Bluetooth device

1. While the Bluetooth device is connected, tap the menu items in the following order.
 ⊡ – [Settings] – [Connect to/Add Audio Device] ([Bluetooth]).

2. Tap the name of the Bluetooth device from [Added Devices].

Hint

- You can pair the player with only one Bluetooth device at a time. To pair with multiple Bluetooth devices, repeat the procedure in this topic for each device.

- You can erase registered Bluetooth device. On the list of connectable devices in [Added Devices], tap ⋯ beside the name of a Bluetooth device. Then, select [Delete Device].

- The passkey may also be called a "passcode", "PIN code", "PIN number", or "password".

- The player stays connected to a Bluetooth device until you turn off the Bluetooth function. To conserve the battery power, turn off the Bluetooth function or terminate the Bluetooth connection with the connected device.

Note

- Pairing information is deleted in the following situations. Pair the devices again.
  – One or both of the devices are reset to the factory settings.
  – Pairing information is deleted from the devices, such as when the devices are repaired.

- The battery life becomes considerably shorter when the Bluetooth function is active.

- You can pair the player with a maximum of 7 devices. If the number of paired devices exceeds the maximum, the player will delete the oldest connected device.

- If the pairing times out before it is finished, perform the procedure again starting from the Bluetooth connection screen.

- There are some restrictions on sound output through a Bluetooth connection.
  – Even if you connect a pair of headphones to a headphone jack, sound will not be output from the headphones. Sound is output from the Bluetooth device preferentially.

- You cannot listen to played-back sound wirelessly while the USB-DAC function is active.

- If sound is interrupted or skips during a Bluetooth connection, try the following.
  – Place the player and the Bluetooth device closer together.
  – Select [SBC - Connection Preferred] by tapping the following menu items.
    ⊡ – [Settings] – [Audio Device Connection Settings] ([Bluetooth]) – [Wireless Playback Quality].

- A Bluetooth connection is terminated automatically in the following cases:
  – The battery of the player has run out.
  – The player is turned off.

- When there is an active Bluetooth connection, the sound quality settings are invalid.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to a paired Bluetooth device
- One-touch connections with a Bluetooth device (NFC)
- Configuring the Bluetooth function (Bluetooth transmitting mode)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

Connecting the player to a paired Bluetooth device

If the player and a Bluetooth device have been paired before, the Bluetooth device is registered to the player. You can connect the player and the Bluetooth device easily.

1 **Turn on the Bluetooth function on the Bluetooth device, if necessary.**

2 **On the library screen of the player, tap the menu items in the following order.**
▦ – [Settings] – [Connect to/Add Audio Device] ([Bluetooth]).

The Bluetooth connection screen will appear.

3 **Tap the Bluetooth switch to turn on the Bluetooth function.**

🅱 will appear in the information area.

4 **Tap the Bluetooth device in the [Added Devices] list.**

When the connection is established, [Connected] will appear.

5 **From the library screen, select and play a track.**

To turn the Bluetooth function on or off

1. Tap the menu items in the following order.
   ▦ – [Settings] – [Connect to/Add Audio Device] ([Bluetooth]).

2. Tap the Bluetooth switch to turn the Bluetooth function on or off.

To confirm the information for a Bluetooth device

Tap 〔⋯〕 next to the name of the Bluetooth device in the list and tap [Device Information].

To erase a registered Bluetooth device

Tap 〔⋯〕 next to the name of the Bluetooth device in the list and tap [Delete Device].
Follow the onscreen instructions. The pairing information will be erased.

Hint

- A shortcut is available for the Bluetooth function. You can tap 🅱 on the [Settings] screen. The player will automatically connect to the Bluetooth device that was connected the last time.

- If multiple names for a Bluetooth device are displayed, check the BD address of the Bluetooth device. For details on the BD address, refer to the manual of the Bluetooth device.

- If the Bluetooth device supports the NFC function, the player and the Bluetooth device can be paired and connected by touching them together.

- The player stays connected to a Bluetooth device until you turn off the Bluetooth function. To conserve the battery power, turn off the Bluetooth function or terminate the Bluetooth connection with the connected device.

Note

- The battery life becomes considerably shorter when the Bluetooth function is active.

- There are some restrictions on sound output through a Bluetooth connection.
  - Even if you connect a pair of headphones to a headphone jack, sound will not be output from the headphones. Sound is output from the Bluetooth device preferentially.

- You cannot listen to played-back sound wirelessly while the USB-DAC function is active.

- If sound is interrupted or skips during a Bluetooth connection, try the following.
  - Place the player and the Bluetooth device closer together.
  - Select [SBC - Connection Preferred] by tapping the following menu items.
    ⊡ – [Settings] – [Audio Device Connection Settings] ([Bluetooth]) – [Wireless Playback Quality].

- A Bluetooth connection is terminated automatically in the following cases:
  - The battery of the player has run out.
  - The player is turned off.

- When there is an active Bluetooth connection, the sound quality settings are invalid.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to an unpaired Bluetooth device for the first time
- One-touch connections with a Bluetooth device (NFC)
- Configuring the Bluetooth function (Bluetooth transmitting mode)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

One-touch connections with a Bluetooth device (NFC)

If a Bluetooth device supports the NFC function, you can connect the player and the device easily. You can simply touch the device to the player to pair the devices and establish a Bluetooth connection.
NFC is for close-range wireless communications.

1 **If the Bluetooth device has an NFC switch, set the NFC switch to on.**

2 **Turn on the screen of the player.**

3 **Touch the mark on the player ([1]) and the Bluetooth device ([2]) together.**

Hold them together until instructions appear on the screen of the player.
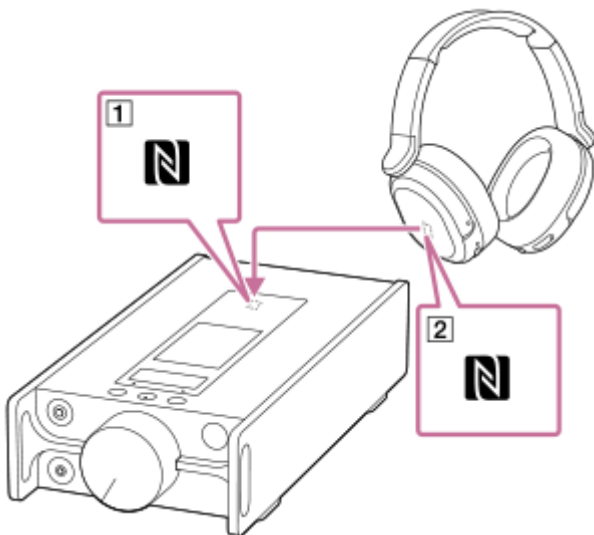
4 **Follow the onscreen instructions on the player to complete the connection.**

5 **Once the connection is established, play a track on the player.**

To disconnect the player and the Bluetooth device using the NFC function

Turn on the screen of the player. Then, touch the player and the Bluetooth device ([1] and [2]) together again to disconnect.
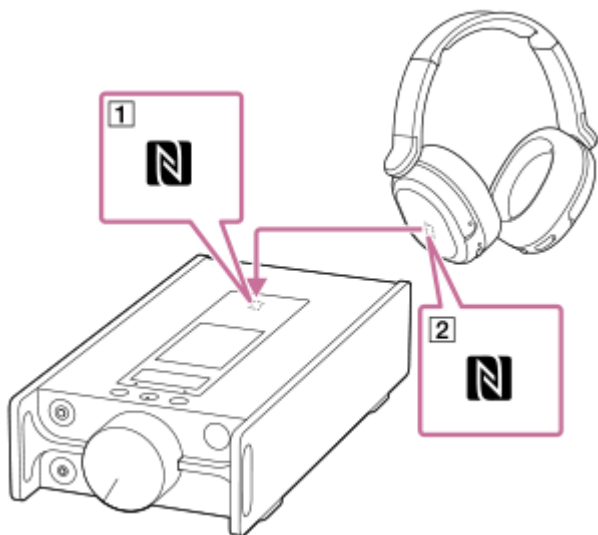
To turn off the NFC function

The NFC function is turned on as a default. If you want to turn off the NFC function, tap the menu items in the following order to remove the check mark.

⬚ – [Settings] – [NFC] ([Bluetooth]).

> **Hint**
>
> - Take the following measures if the connection is poor.
>   - Move the Bluetooth device over the mark on the player (⬚1).
>   - If your player is inside a case, take it out of the case.
>   - Make sure that the NFC function is on. Tap ⬚ and then [Settings]. Confirm that there is a check mark in the check box for [NFC] ([Bluetooth]).

> **Note**
>
> - Turn on the screen of the player before you make the connection. If the screen is turned off, you cannot connect the Bluetooth device by touching the Bluetooth device to the player (NFC).
>
> - The battery life becomes considerably shorter when the Bluetooth function is active.
>
> - You cannot connect the player to a Bluetooth device using NFC while the following functions are active.
>   - The USB-DAC function
>   - Turn off the Bluetooth Receiver function to connect in the Bluetooth transmitting mode.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Turning the power on or off
- Configuring the Bluetooth function (Bluetooth transmitting mode)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

Configuring the Bluetooth function (Bluetooth transmitting mode)

This topic includes instructions for the following operations.

- Selecting the playback quality for Bluetooth streaming.
- Selecting the volume setting for Bluetooth streaming.
- Checking Bluetooth information.

Selecting the playback quality for Bluetooth streaming

You can select the combination of codecs and preferences for Bluetooth streaming.

1. On the playback screen, tap the menu items in the following order.
   � – [Settings] – [Audio Device Connection Settings] ([Bluetooth]) – [Wireless Playback Quality].

2. Tap the desired item.

> **Note**
>
> - The setting for [Wireless Playback Quality] will take effect starting the next time the player establishes a Bluetooth connection.
>
> - The setting for [Wireless Playback Quality] may not be effective depending on the settings of the Bluetooth device.

Selecting the volume setting for Bluetooth streaming

Depending on the Bluetooth device, the volume may not be adjustable using the player.
In this case, try [Use Enhanced Mode].

1. On the playback screen, tap the menu items in the following order.
   ▭ – [Settings] – [Audio Device Connection Settings] ([Bluetooth]) – [Use Enhanced Mode].

Checking Bluetooth information

1. On the playback screen, tap the menu items in the following order.
   ▭ – [Settings] – [Bluetooth Information] ([Bluetooth]).
   Information such as the Bluetooth version and profile will appear.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to an unpaired Bluetooth device for the first time
- Connecting the player to a paired Bluetooth device
- One-touch connections with a Bluetooth device (NFC)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

Connecting the player to an unpaired smartphone for the first time

You can use the player to listen to music from a smartphone through a Bluetooth connection (Bluetooth Receiver function). Connect headphones to the player to listen to the music.
When you connect a smartphone for the first time, you must register the player and the smartphone to each other. This registration is called "pairing". Once you have paired the player and the smartphone, you can easily connect the devices in the future.
The following instructions are a basic step-by-step procedure for connecting the player and a smartphone.
Before you start, terminate the Bluetooth connection on the smartphone if the player is already connected to another smartphone.

1 **Set the smartphone to the pairing mode.**

2 **On the library screen of the player, tap [icon].**

3 **Confirm the message and tap [OK].**

   The player will switch to the Bluetooth Receiver function.

4 **Tap [Add Device (Pairing)].**

   The player is ready for pairing.

5 **Select the name of the player on the smartphone screen.**

   Once the player has connected to the smartphone, the codec ([1]) and the name of the smartphone ([2]) will appear.
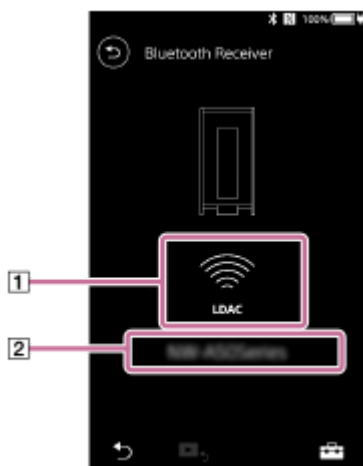
6 **Play a track on the smartphone.**

To turn off the Bluetooth Receiver function

Tap [icon] in the top left of the Bluetooth Receiver screen. Then, tap [OK] when a message appears. The player will return to the music playback function.

To erase the registration of a smartphone

Perform the following operations on the Bluetooth Receiver screen. You can erase the registration of a smartphone from the player.

1. Tap the menu items in the following order.
   ▭ – [Settings] – [Added Devices - Bluetooth Receiver] ([Bluetooth]).

2. Tap ⋯ next to the name of the smartphone whose registration you want to erase. Then, select [Delete Device].

3. Follow the onscreen instructions.

Hint

- You can pair with only one smartphone at a time. If you want to pair with multiple smartphones, repeat the procedure in this topic.

- You can control the music playback on the smartphone by operating the playback operating buttons on the player.

- You can listen to playback from a smartphone with the sound quality settings on the player.

- The player stays connected to the smartphone until you turn off the Bluetooth Receiver function. To conserve the battery power, turn off the Bluetooth Receiver function or terminate the Bluetooth connection with the smartphone.

- If the volume is low and you hear noise while you are using the Bluetooth Receiver function, try the following. First, turn the volume up to the maximum on the smartphone. Then, adjust the volume on the player.

Note

- Pairing information is deleted in the following situations. Pair the devices again.

  – One or both of the devices are reset to the factory settings.
  – Pairing information is deleted from the devices, such as when the devices are repaired.

- If pairing information for the smartphone is deleted from the player, but pairing information for the player remains on the smartphone, delete the information from the smartphone. Then, register the player and the smartphone to each other again.

- The battery life becomes considerably shorter when the Bluetooth Receiver function is active.

- You can pair the player with a maximum of 7 devices. If the number of paired devices exceeds the maximum, the player will delete the oldest connected device.

- If the pairing times out before it is finished, perform the procedure again starting from the Bluetooth Receiver connection screen.

- You cannot use the Bluetooth Receiver function while any of the following functions is active. Turn off the function and switch to the Bluetooth Receiver function.

  – USB-DAC function

- If sound is interrupted or skips during a Bluetooth connection, try the following.

  – Place the player and the smartphone closer together.
  – Select [Connection Preferred] by tapping the following menu items.
    ▭ – [Settings] – [Receiver Playback Quality] ([Bluetooth]) – [Connection Preferred].
    Then, terminate the Bluetooth connection and reconnect to the smartphone to apply the new setting.

- A Bluetooth connection is terminated automatically in the following cases:
  – The battery of the player has run out.
  – The player is turned off.

- If you receive an incoming call to the smartphone while the Bluetooth Receiver function is active, the voice of the caller will be output from the smartphone. You may hear the ring tone, depending on the specifications of the smartphone.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to a paired smartphone
- One-touch connections with a smartphone (NFC)
- Configuring the Bluetooth function (Bluetooth receiving mode)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

Connecting the player to a paired smartphone

If the player and a smartphone have been paired before, the smartphone is registered to the player. You can connect the player and the smartphone easily.

1 **On the library screen of the player, tap ▣ .**

2 **Confirm the message and tap [OK].**

The player will switch to the Bluetooth Receiver function.

3 **On the smartphone screen, select the name of the player from the list of paired devices.**

The player may connect to the smartphone automatically, depending on the smartphone.

4 **Play a track on the smartphone.**

To turn off the Bluetooth Receiver function

Tap ⟲ in the top left of the Bluetooth Receiver screen. Then, tap [OK] when a message appears. The player will return to the music playback function.

To check the information for a smartphone

Perform the following operations on the Bluetooth Receiver screen.

1. Tap the menu items in the following order.
▤ – [Settings] – [Added Devices - Bluetooth Receiver] ([Bluetooth]).

2. Tap ⋯ next to the name of the smartphone whose information you want to check. Then, select [Device Information].

To erase the registration of a smartphone

Perform the following operations on the Bluetooth Receiver screen. You can erase the registration of a smartphone from the player.

1. Tap the menu items in the following order.
▤ – [Settings] – [Added Devices - Bluetooth Receiver] ([Bluetooth]).

2. Tap ⋯ next to the name of the smartphone whose registration you want to erase. Then, select [Delete Device].

3. Follow the onscreen instructions.

Hint

- You can listen to playback from a smartphone with the sound quality settings on the player.

- If the same smartphone appears multiple times, check the BD address of the smartphone under [Device Information]. For details on the BD address, refer to the manual of the smartphone.

- If the smartphone supports the NFC function, the player and the smartphone can be paired and connected by touching them together.

- The player stays connected to the smartphone until you turn off the Bluetooth Receiver function. To conserve the battery power, turn off the Bluetooth Receiver function or terminate the Bluetooth connection with the smartphone.

- If the volume is low and you hear noise while you are using the Bluetooth Receiver function, try the following. First, turn the volume up to the maximum on the smartphone. Then, adjust the volume on the player.

Note

- The battery life becomes considerably shorter when the Bluetooth Receiver function is active.

- You cannot use the Bluetooth Receiver function while any of the following functions is active. Turn off the function and switch to the Bluetooth Receiver function.
  - USB-DAC function

- If sound is interrupted or skips during a Bluetooth connection, try the following.

  - Place the player and the smartphone closer together.
  - Select [Connection Preferred] by tapping the following menu items.
    ⊞ – [Settings] – [Receiver Playback Quality] ([Bluetooth]) – [Connection Preferred].
    Then, terminate the Bluetooth connection and reconnect to the smartphone to apply the new setting.

- A Bluetooth connection is terminated automatically in the following cases:

  - The battery of the player has run out.
  - The player is turned off.

- If you receive an incoming call to the smartphone while the Bluetooth Receiver function is active, the voice of the caller will be output from the smartphone. You may hear the ring tone, depending on the specifications of the smartphone.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to an unpaired smartphone for the first time
- One-touch connections with a smartphone (NFC)
- Configuring the Bluetooth function (Bluetooth receiving mode)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

One-touch connections with a smartphone (NFC)

If a smartphone supports the NFC function, you can connect the player and the smartphone easily. You can pair the devices and establish a Bluetooth connection simply by touching the smartphone to the player.
NFC is for close-range wireless communications.

1 **Turn on the NFC function on the smartphone.**

2 **On the library screen of the player, tap 📱.**

3 **Confirm the message and tap [OK].**

The player will switch to the Bluetooth Receiver function.

4 **Touch the mark on the player (1) and the smartphone (2) together.**

Hold the devices together until instructions appear on the smartphone screen.
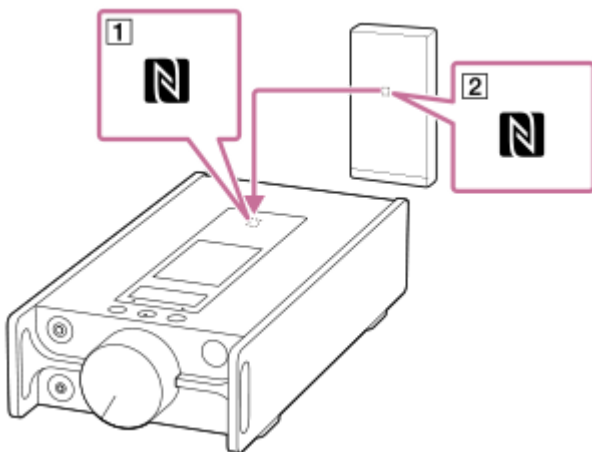
5 **Follow the instructions on the smartphone screen to complete the connection.**

6 **Once you have established the connection, play a track on the smartphone.**

To disconnect the player and the smartphone using the NFC function

Turn on the player screen. Then, touch the player and the smartphone (1 and 2) together again to disconnect.
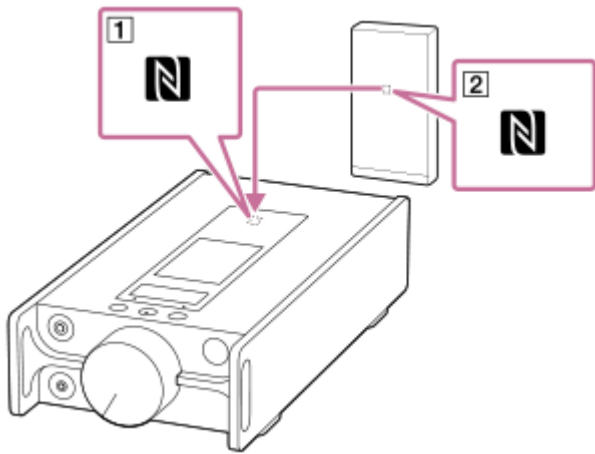
To turn off the NFC function

The NFC function is turned on as a default. If you want to turn off the NFC function, tap the menu items in the following order to remove the check mark.

▭ – [Settings] – [NFC] ([Bluetooth]).

Hint

- Take the following measures if the connection is poor.

  — Move the smartphone over the mark on the player (1).
  — If the player or the smartphone is inside a case, take it out of the case.
  — Make sure that the NFC function is on. Check if the N mark appears in the information area. If not, exit the Bluetooth Receiver function, and then tap the menu items in the following order to turn on the NFC function.
  ▭ – [Settings] – [NFC] (Bluetooth).

Note

- Turn on the screen of the player before you make the connection. If the screen is turned off, you cannot connect the smartphone by touching the smartphone to the player (NFC).

- The battery life becomes considerably shorter when the Bluetooth Receiver function is active.

- You cannot use the Bluetooth Receiver function while any of the following functions is active. Turn off the function and switch to the Bluetooth Receiver function.
  — USB-DAC function

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Turning the power on or off
- Connecting the player to an unpaired smartphone for the first time
- Connecting the player to a paired smartphone
- Configuring the Bluetooth function (Bluetooth receiving mode)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

Configuring the Bluetooth function (Bluetooth receiving mode)

Selecting the playback quality for Bluetooth streaming

You can select the playback quality while the Bluetooth Receiver function is active.

1. On the Bluetooth Receiver screen, tap the menu items in the following order.
   ▥ – [Settings] – [Receiver Playback Quality] ([Bluetooth]).

2. Select [Sound Quality Preferred] or [Connection Preferred].

Note

- The setting for [Receiver Playback Quality] will take effect starting the next time the player establishes a Bluetooth connection.

- The setting for [Receiver Playback Quality] may not be effective depending on the smartphone.

Checking Bluetooth information

1. On the Bluetooth Receiver screen, tap the menu items in the following order.
   ▥ – [Settings] – [Bluetooth Information] ([Bluetooth]).
   Information such as Bluetooth version and profile will appear.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to an unpaired smartphone for the first time
- Connecting the player to a paired smartphone
- One-touch connections with a smartphone (NFC)
- Notes on the Bluetooth function

Digital Music Player
DMP-Z1

Notes on the Bluetooth function

In this topic, [Bluetooth devices] refers to all Bluetooth-compatible devices.
Bluetooth-compatible devices are audio devices, smartphones, etc. that support the Bluetooth function.

- Depending on the Bluetooth device, network environment, and surrounding conditions, noise may be heard or the sound may be interrupted. To optimize Bluetooth communications, observe the following.

  - Place the player and the Bluetooth device as close together as possible. The Bluetooth standard supports distances of up to 10 meters (32.8 feet).
  - Turn the built-in Bluetooth antenna (aerial) in the direction of the connected Bluetooth device.
  - Do not block the antenna (aerial) with a metal object such as a bag or case.
  - Do not block the antenna (aerial) with a body part such as a hand.
  - Do not block the antenna (aerial) by placing the player inside a backpack or shoulder bag.
  - Do not block the antenna (aerial) by using the player in a crowded place.
  - Avoid areas where electromagnetic waves are emitted. For example, near microwave ovens, mobile phones, mobile gaming devices, or wireless LAN environments.

- The battery life may become about 10 % shorter if you activate certain sound quality settings (for example, [Equalizer] or [DSEE HX] under [Sound Settings]) while you are using the Bluetooth Receiver function. The battery life also depends on the volume, conditions of use, and surrounding temperature.

- Due to a characteristic of Bluetooth wireless technology, the sound may lag slightly.
- Bluetooth radiation may affect the operation of electronic medical devices. Turn off the player and other Bluetooth devices in the following locations.

  - in hospitals
  - near priority seats on trains
  - on airplanes
  - in places where flammable gases are present (gas stations, etc.)
  - near automatic doors
  - near fire alarms

- The player supports security functions that comply with the Bluetooth standard. Sony bears no responsibility whatsoever for information leaks that occur as a result of your Bluetooth connection.
- Even if a Bluetooth device conforms to the standard, all connections and correct operations are not guaranteed.
- Depending on the Bluetooth device, it may take some time to establish a Bluetooth connection.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic
- Parts and controls

Digital Music Player
DMP-Z1

Enjoying music content on a computer using the sound quality of the player (USB-DAC function)

You can enjoy music content stored on a computer through the player, without transferring the content to the player.
Because the sound quality settings of the player also apply to the output sound, music content on the computer can be played with the same sound quality as the player.
The following applications are compatible with the USB-DAC function. They are recommended for use with the player.

- Windows: Music Center for PC
- Mac: Hi-Res Audio Player for Mac

Note

- While the USB-DAC function is turned on, the player can only be used as a USB-DAC device. To use the player as a music player, turn off the USB-DAC function.

- Music content cannot be transferred while the USB-DAC function is turned on.

1. **Install the USB-DAC compatible application on a computer.**

   - Windows:

     - Music Center for PC: To install the application, access the customer support website. (https://www.sony.net/smc4pc/) Refer to the appropriate topic under [Related Topic].
     - Sony Audio USB Driver for Windows: Access the customer support website to install Sony Audio USB Driver for Windows. Follow the onscreen instructions.

   - Mac:
     Hi-Res Audio Player for Mac: Access the customer support website to install the application. Follow the onscreen instructions.

2. **On the computer, configure the settings for USB-DAC.**

   For details on the settings, refer to the following information.

   - Windows: Online help information for Music Center for PC
   - Mac: Online help information for Hi-Res Audio Player on the customer support website.

3. **On the library screen of the player, tap [DAC] .**

4. **When a message is displayed, tap [OK].**

5. **Connect the player to the computer via USB.**

   Turn the volume knob to adjust the volume.

To go back to the music playback function

Tap [↺] in the top left of the screen.
When a message is displayed, tap [OK].

Note

- You cannot listen to played-back sound wirelessly while the USB-DAC function is active.

- The USB-DAC function is designed exclusively for enjoying music. The player processes the audio signals prior to playback. As a result, the audio on the player becomes slightly delayed compared to the computer. This means that images and audio may not be synchronized when you use the USB-DAC function for the following purposes:

  – Playing videos
  – Playing games

  Use the USB-DAC function to enjoy music on its own.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Adjusting the sound quality settings
- Installing Music Center for PC (Windows)
- How to use the various screens
- USB-DAC screen
- Customer support website

Digital Music Player
DMP-Z1

Adjusting the sound quality settings

The player has various settings for adjusting the sound quality.

From the [Settings] menu

On the playback screen, tap [icon] and then [Settings].
You can set the following sound settings from the menu listed under [Sound].

Direct Source (Direct)

This setting outputs the file's original sound quality directly without applying any sound effects.

DSD Remastering

This function converts PCM signals into DSD signals. Turn on [Direct Source (Direct)] so that you can select this function.

Saved Sound Settings

- Save Current Settings:
  You can save customized sound quality settings as your own sound presets.
- Saved Sound Settings 1/2/3:
  You can retrieve preset sound quality settings.

From the [Settings] – [Sound Settings] menu

On the playback screen, tap the menu items in the following order.
[icon] – [Settings] – [Sound Settings] ([Sound]).
You can also adjust the following settings from the sound quality setting screens.

Equalizer/Tone Control

You can customize the equalizer and tone control settings from their respective screens.
On the equalizer screen, tap [Adjust] to adjust the setting. On the tone control screen, rotate the dials to adjust the settings.
Tap [icon] to select [Equalizer] or [Tone Control]. The selected setting will take effect.

DSEE HX

This function upscales the sound quality of audio files. The sound quality will become almost equal to that of High-Resolution Audio. The function reproduces the clear high-range sound that is often lost.

Dynamic Normalizer

You can moderate the change in volume between tracks to minimize differences in volume level.

Vinyl Processor

This function produces rich sound that is close to the playback from a vinyl record on a turntable.

Note

- When there is an active Bluetooth connection, the sound quality settings are invalid (Bluetooth transmitting mode only).

- You cannot adjust [Sound Settings] in the following cases.

  — When [Direct Source (Direct)] is set to [On].

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- How to use the various screens
- Sound quality setting screens

Digital Music Player
DMP-Z1

Using USB Mass Storage mode

When you connect the player to a Windows computer, the following modes are available.

USB Mass Storage mode

- The computer uses the player as a USB storage device.
- Data can be transferred between the computer and the player.
- You can access the [PLAYER] and the storage folder for the microSD card directly to manage files.
- You cannot operate the player.

USB mode

- You can operate the player while the player is connected to the computer.
- Data cannot be transferred.

This topic includes instructions for the following operations.

- Switching from USB Mass Storage mode to USB mode
- Switching from USB mode to USB Mass Storage mode

Switching from USB Mass Storage mode to USB mode

When you connect the player to a computer, the player enters USB Mass Storage mode.

1. Tap [Turn Off USB Mass Storage] (⬚1).
   The USB mode screen will appear.
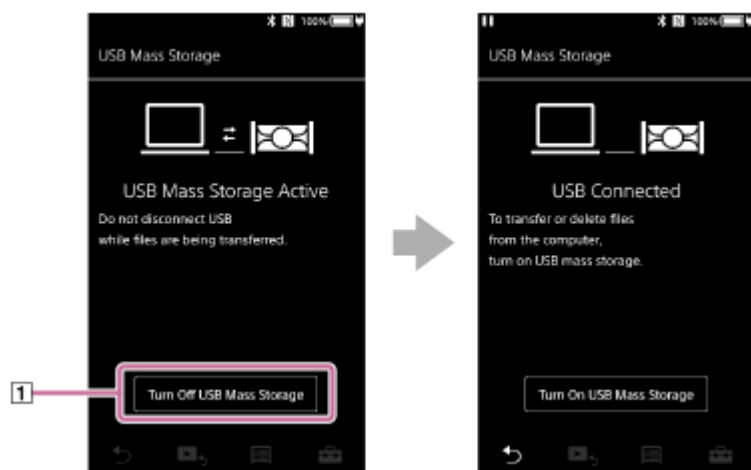
2. Tap ↩.
   The screen will return to the previous display.

Switching from USB mode to USB Mass Storage mode

Depending on the selected function, ▭ or [USB Connection Settings] may not appear on the screen of the player. In this case, tap ▤ to return to the library screen for the music playback function.

1. Tap the menu items in the following order.
   ▭ – [Settings] – [Device Settings] ([Basic Settings]) – [USB Connection Settings] – [Turn On USB Mass Storage] – [OK].

Note

- Before you disable USB Mass Storage mode, we recommend that you perform [Safely Remove Hardware] on the computer.

- Do not disconnect the player while transferring content between the player and the computer. Doing so will damage the data. On the computer screen, confirm that the data has finished transferring properly.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Charging the battery

Digital Music Player
DMP-Z1

Restarting the player

Restart the player if operations become unstable or the player freezes.
Restarting will not delete any data and pairing information.
However, perform the following before you restart the player. Otherwise, the data on the player may be damaged.

- Disconnect the player from the computer.
- Stop playback.

1 **Hold down the button ([1]) for 8 seconds until the player restarts.**
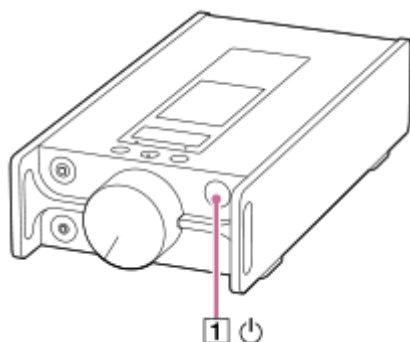
The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Restarting, formatting, or initializing the player
- Formatting a microSD card

Digital Music Player
DMP-Z1

Restarting, formatting, or initializing the player

This topic includes instructions for the following operations.

- Resetting the player.
- Formatting the memory of the player.
- Rebuilding the database on the player.
- Initializing the player.

Confirm the details of each function. Then, select the appropriate menu item for your needs.

1 **On the library screen, tap the menu items in the following order.**
⊞ – [Settings] – [Device Settings] ([Basic Settings]) – [Reset/Format].

2 **Tap the operation that you want to perform.**

Follow the onscreen instructions. Make sure to confirm the messages carefully.

[Reset All Settings]	This operation resets all setting parameters to the default settings. If you select this operation, the player will restart automatically.
[Format System Storage]	This operation formats the internal memory of the player. Note that all data (including sample data) stored on the player will be deleted. Save a backup copy of important data.
[Rebuild Database]	This operation rebuilds the database on the player. You can rebuild the database manually.
[Restore to Factory Configuration]	This operation initializes both the settings and internal memory. You can restore the player to its default settings. All transferred data will be erased. However, the player will restore its preinstalled sample content and installers as default settings. If you select this operation, the player will restart automatically and the initial setup wizard will launch.

Hint

- Even if you perform [Reset All Settings], the following settings will not be changed.

  - Elapsed time of the selected track
  - Preset 1 through 3 for [Saved Sound Settings]
  - The bookmark list (1 through 10)
  - User settings for the library screen
  - Information on recently transferred content
  - Clock settings
  - Language settings
  - User setting for [Text Input]

Note

- Sony does not guarantee performance if you format the memory of the player using a computer.

- If you perform one of the following menu items, pairing information for Bluetooth devices will be deleted from the player.
  - [Restore to Factory Configuration]
  - [Reset All Settings]

- If you rebuild the database, the following information will be erased.
  - Elapsed time of the selected track
  - Playback order

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Restarting the player
- Formatting a microSD card

Digital Music Player
DMP-Z1

Formatting a microSD card

You can format a microSD card on the player.
Formatting the microSD card will delete all data stored on the card. Save a backup copy in advance. Be careful not to delete important data.

1 **On the library screen, tap the menu items in the following order.**
▤ – [Settings] – [Device Settings] (Basic Settings) – [Reset/Format] – [Format SD Card] – [Format SD Card 1]/[Format SD Card 2].

Follow the onscreen instructions. Make sure to confirm the messages carefully.

Note

- Format the microSD card on the player. Otherwise, some functions of the player may be limited.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Restarting the player
- Restarting, formatting, or initializing the player

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Digital Music Player
DMP-Z1

Checking information on the player

You can check information such as the model name and system software version.

1 **On the library screen, tap the menu items in the following order.**
▦ – [Settings] – [Unit Information] ([Other]).

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Related Topic

- [Updating the system software](#)

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Digital Music Player
DMP-Z1

Updating the system software

You can update the system software of the player.
You will receive update notices by the following methods.

- From Music Center for PC (You will receive update notices automatically.)
- From the customer support website (Access the site manually to receive update notices.)

Access the customer support website to get the latest information.
The following procedure describes how to update the system software from the customer support website.
For details on how to install the program, refer to the customer support website.

1 **Download the update program to a computer from the website.**

2 **Connect the player to the computer.**

3 **Launch the update program.**

4 **Follow the onscreen instructions.**

Hint

- To check the version information for the player, tap the menu items in the following order.
  – [Settings] – [Unit Information] ([Other]).

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Customer support website
- Restarting the player
- Restarting, formatting, or initializing the player
- Checking information on the player

Digital Music Player
DMP-Z1

Using shortcut buttons from the quick setting panel

Shortcut buttons for some functions are available in the quick setting panel.
You can activate certain functions directly without scrolling in the [Settings] menu.

1 Tap ⟦▦⟧ and then [Settings].

2 Tap the shortcut button for the desired function.
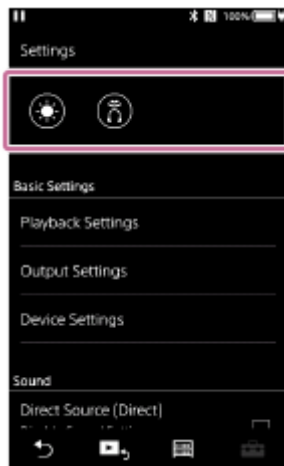
Available functions

Shortcut button	Function
⦿	Tap the button to adjust the screen brightness. You can select a value from 1 to 100.
⦿	Tap the button to turn the Bluetooth function on or off. When the Bluetooth function is turned on, the player will automatically connect to the device that was connected the last time.

Note

- Pair the player and the Bluetooth device in advance.

The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Related Topic

- Connecting the player to an unpaired Bluetooth device for the first time

Digital Music Player
DMP-Z1

Settings menu

You can adjust various settings from the Settings menu.
To enter the Settings menu, tap [icon] and then [Settings].
You can select the Settings menu on the following screen.

- Library screen
- Playback screen
- Play Queue screen
- Bookmark list screen

Basic Settings

Playback Settings	Play Mode
	Playback Range
	Sleep Timer
	Artist List Display
	Display Lyrics
Output Settings	Headphone Output
	DAC Settings
	USB Output for DSD
	DSD Playback Settings
Device Settings	Screen Off Timer
	Mount/Unmount SD Card
	USB Connection Settings
	Auto Power Off
	Battery Preferred
	Clock Settings
	Language Settings
	Text Input
	Reset/Format

Note

- The player does not display a clock. The clock setting is used for data management.

Sound

Direct Source (Direct) (On/Off)	–

DSD Remastering	–	
Sound Settings	Equalizer/Tone Control	
	DSEE HX	
	Dynamic Normalizer	
	Vinyl Processor	
Saved Sound Settings	Saved Sound Settings 1/2/3	
Guide to High Quality Sound	–	

Bluetooth

Connect to/Add Audio Device	On/Off
	Add Device (Pairing)
	Added Devices
Audio Device Connection Settings	Wireless Playback Quality
	Use Enhanced Mode
Added Devices - Bluetooth Receiver	–
Receiver Playback Quality	Sound Quality Preferred
	Connection Preferred
NFC（On/Off）	–
Bluetooth Information	Bluetooth Version/Device Name/Bluetooth Device Address/Profile/Version

Other

Unit Information	Model name, system software version, total number of tracks, etc.
Certificates (*1)	Safety regulations/certification

*1 The menu item is only available on models sold in certain countries or regions.

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Digital Music Player
DMP-Z1

Notes on handling the player

Read the notes below and follow the instructions to use the player safely.

- Consult a doctor if you become injured or burned from using the product.
- Contact the nearest Sony dealer or Sony Service Center if the player does not operate properly.
- Do not use the player inside a confined location, such as the carrying case or a bag. Heat may build up inside the player.
- Observe the following precautions. Otherwise, an explosion, fire, electric shock, burns, or injury may result.

  - Do not expose the player to fire.
  - Do not allow metallic objects to get inside the player.
  - Do not short-circuit the terminals of the player with metallic objects.
  - Do not take apart or modify the player.
  - Do not use the player when you see lightning or hear thunder.

- Observe the following precautions. Otherwise, you may damage the casing or cause the player to malfunction.

  - Do not place the player in direct sunlight.
  - Do not place the player in locations where the temperature is extremely high.
  - Do not leave the player in direct sunlight. Do not leave the player in a car with all the windows closed, especially during the summer.
  - Do not place the player in locations where it is exposed to vibration.
  - Do not drop the player from heights.
  - Do not apply a strong force or shock to the player.
  - Do not place the player in locations where there is magnetization. For example, do not place the player near a magnet, speakers, or a TV.
  - Do not turn on the player right after you move it from a cold environment to a warm environment.
  - Do not use the player in damp locations, such as in a bathroom or a sauna.
  - Do not place the player on an unstable surface or in an inclined position.
  - Do not use the player in locations where it is exposed to excessive dust.
  - When you store the player in the carrying case (supplied) or a bag, do not apply strong impacts to the carrying case or the bag. In particular, avoid storing the player in the carrying case or a bag with the headphone cord or earphone cord wrapped around the player.
  - Do not place objects on top of the player.

- The player is neither waterproof nor dustproof. Observe the following precautions. Otherwise, the player may become inoperable because of short-circuited terminals or corroded metal.

  - Do not drop the player into water.
  - Do not use the player in humid locations or during wet weather such as rain or snow.
  - Do not place the player against your body or clothes when you are sweating.
  - Do not touch the player with wet hands.

- Comply with announcements regarding the use of electronic devices when you are on an airplane.
- Heat may build up in the player in the following situations, but this is not a malfunction. However, be careful because there is a risk of low-temperature burns.

  - While the battery is charging.
  - While the player is playing for an extended period of time.

- Do not apply strong force to the surface of the display. Strong force may cause the following problems.

  - Distorted colors or brightness.
  - A malfunction of the display.
  - Injury from a cracked display.

- The player screen is made of glass. The glass may crack if you drop the player on a hard surface or if you apply strong force to the screen. Be careful when you handle the player. If the glass is cracked or chipped, do not use the player or touch the damaged part. Otherwise, you may get injured.
- Content that you record is for personal use only. Under copyright law, the content cannot be used without the permission of the copyright holder.

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The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

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Notes on the headphones

Road safety

Do not use headphones in the following situations.

- While you are driving a car or riding a motorcycle or bicycle.
- Places where impaired hearing is dangerous. For example, on train platforms, in areas where there is vehicle traffic, or near construction sites.

Preventing hearing damage

Observe the following to protect your hearing.

- Keep the volume at a moderate level. Do not listen to audio content at high volumes for an extended period of time.
- Do not turn up the volume suddenly.

About the in-ear headphones

- When you use in-ear headphones with a high degree of adhesion, note the following. Otherwise, you may damage your ears or eardrums.

  - Do not insert the earbuds forcefully into your ears.
  - Do not remove the earbuds from your ears suddenly. When you take off the headphones, move the earbuds up and down gently.

- When you unplug the headphones from the player, hold the headphones by the plug. Pulling the cord itself may damage the headphones.
- Do not sleep while you are wearing headphones. The cord may become wrapped around your neck while you are sleeping.

Consideration for others

Avoid using the player in environments where sound leakage will disturb others.

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Notes on the built-in battery

Do not touch the rechargeable battery with your bare hands if the battery is leaking. The battery liquid may cause burns or blindness. If the liquid contacts your body or clothes, wash the liquid off immediately with clean water.

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Notes on the sample data

Sample music is pre-installed on the player for trial listening.
Sample data is not installed in some countries or regions.

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Digital Music Player
DMP-Z1

General Information

- Charging time and playback time depend on the following conditions.

  - The number of times you have charged the battery
  - Operating temperature

- When the battery is sufficiently charged but the battery life has dropped to about half of its normal span, the battery may be worn out.
- A lithium-ion rechargeable battery is built into the player. When you store the player for long periods of time, check the following to prevent the deterioration of the built-in battery.

  - Store the player at temperatures from 5 °C to 35 °C (41 ºF to 95 ºF).
  - To prevent deterioration of the battery, charge the battery at least once every 6 months.

- When you use the player in a cold location, the onscreen display may become dark or may not respond quickly. However, these are not malfunctions.
- You feel mild tingling against your ears particularly in dry air conditions. This is a result of static electricity accumulated in the body. This effect can be minimized by wearing clothes made from natural materials.
- Sony is not responsible for user data even if the following problems occur due to defects in the player or a computer.

  - Recording or downloading of data is incomplete.
  - Data (such as music) is damaged or deleted.

- The golden part that you can see from the top of the player is an electric part for adjusting the volume (volume control). This part has gold plating to improve the sound quality. Because this part is an electric part, there may be scratches or uneven color in rare cases. However, there is no effect on the sound-quality performance. The gold plating does not guarantee the quality of the appearance.

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Digital Music Player
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Maintenance

- Clean the player with the cleaning cloth (supplied).
- To clean a player that has gotten very dirty, use a cloth slightly moistened with a mild detergent solution. Be careful not to get water inside the player.
- Do not clean with solvents such as alcohol, naphtha, or paint thinner. These solvents may damage the surface of the player.
- Clean the headphone plug occasionally with a soft dry cloth. Noise or sound skipping may occur if the plug is dirty.

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Customer support website

Visit the customer support website in your country or region in the following situations.

- When you have a question about the player.
- When you have an issue with the player.
- When you want information on compatible items.

For customers in the US:

http://esupport.sony.com/

For customers in Canada:

http://esupport.sony.com/CA/

For customers in Latin America:

http://esupport.sony.com/LA/

For customers in Europe:

http://www.sony.eu/support/

For customers in China:

https://service.sony.com.cn/

For customers in other countries/regions:

http://www.sony-asia.com/

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Digital Music Player
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Specifications

Display

Size/Resolution	3.1-inch (7.8 cm), WVGA (800 × 480 Pixels)
Panel type	TFT color display
Touch panel	Supported

Interface

USB	USB Type-C port Hi-Speed USB (USB 2.0 compliant)
Headphone	Stereo Mini-jack, Balanced Standard-jack
External memory	microSD card × 2 slots microSD, microSDHC, microSDXC

Bluetooth

Version	Communication system: Bluetooth Specification Version 4.2
Frequency band	2.4 GHz band (2.4000 GHz - 2.4835 GHz)
Modulation method	FHSS
Supported Bluetooth profiles	A2DP, AVRCP
Supported Codecs (Transmission)	SBC, LDAC, aptX, aptX HD
Supported Codecs (Reception)	SBC, LDAC, AAC

NFC

NFC	Active type (for reader and writer), Tag Type

Headphone Out (Stereo Mini-jack)

Frequency response	20 Hz to 40,000 Hz

Headphone Out (Balanced Standard-jack)

Frequency response	20 Hz to 40,000 Hz

General

Power Source	Built-in battery: Built-in Rechargeable lithium-ion Battery
	Charging and Power supply: AC adaptor (supplied)
Charging Time	DC IN charging: Approx. 4 hours
Operating temperature	5 °C to 35 °C (41 ºF to 95 ºF)
Dimensions	w/h/d, projecting parts not included Approx. 138.0 mm × 67.9 mm × 278.7 mm (5.44 inches × 2.68 inches × 10.98 inches)
	w/h/d Approx. 138.0 mm × 68.1 mm × 278.7 mm (5.44 inches × 2.69 inches × 10.98 inches)
Mass	Approx. 2,490 g (87.84 oz)

Capacity

DMP-Z1	256 GB

Actual available memory for other contents

DMP-Z1	Approx. 230.60 GB = 247,612,538,880 byte

Note

- Available capacity may vary. A portion of the memory is used for data management functions.

Carrying case

Dimensions (w/h/d)	Approx. 420 mm × 101 mm × 206 mm (16.54 inches × 3.98 inches × 8.12 inches)
Mass	Approx. 1,400 g (48.33 oz)

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Battery life

Music (Approx.)

	Stereo Mini-jack	Balanced Standard-jack
MP3 (128 kbps)	10 hours	10 hours
AAC (256 kbps)	10 hours	10 hours
FLAC (96 kHz/24 bit)	9 hours	9 hours
FLAC (192 kHz/24 bit)	8 hours	8 hours
DSD (2.8224 MHz/1 bit)	9 hours	9 hours
DSD (5.6448 MHz/1 bit)	9 hours	9 hours
DSD (11.2896 MHz/1 bit)	9 hours	9 hours

Bluetooth (Transmitter mode) (Approx.)

MP3 (128 kbps)/SBC - Connection Preferred	19 hours
FLAC (96 kHz/24 bit)/LDAC - Connection Preferred (Auto)	14 hours

A Bluetooth connection will shorten the battery life by up to 45 % depending on the following conditions.

- Format of the content.
- Settings of the connected device.

Bluetooth (Receiver mode) (Approx.)

SBC (Connection Preferred)	9 hours
LDAC (Sound Quality Preferred)	8 hours

The battery life may become about 10 % shorter when some of the sound quality settings are active.

> **Note**
>
> - The values shown in this topic are the approximate battery life when content is played continuously at the default settings.
>
> - 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.
>
> - The battery is consumed considerably when the screen is on.

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Maximum recordable number of songs

Music (Approx.)

	DMP-Z1 (256 GB)
MP3 (128 kbps)	20,000 songs
AAC (256 kbps)	20,000 songs
FLAC (44.1 kHz/16 bit)	5,700 songs
FLAC (96 kHz/24 bit)	1,700 songs
FLAC (192 kHz/24 bit)	870 songs
DSD (2.8224 MHz/1 bit)	1,400 songs
DSD (5.6448 MHz/1 bit)	710 songs
DSD (11.2896 MHz/1 bit)	350 songs

Note

- The approximate numbers are based on 4 minute a song.

- This product is confirmed to operate normally with up to a total of 20,000 tracks stored in the main memory and on the microSD card.

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Supported formats

Music

MP3 (.mp3)

32 kbps - 320 kbps (Supports variable bit rate (VBR)) / 32 kHz, 44.1 kHz, 48 kHz

WMA (.wma)

32 kbps - 192 kbps (Supports variable bit rate (VBR)) / 44.1 kHz

FLAC (.flac)

16 bit, 24 bit / 8 kHz - 384 kHz

WAV (.wav)

16 bit, 24 bit, 32 bit (Float/Integer) / 8 kHz - 384 kHz

AAC (.mp4, .m4a, .3gp)

16 kbps - 320 kbps / 8 kHz - 48 kHz

HE-AAC (.mp4, .m4a, .3gp)

32 kbps - 144 kbps / 8 kHz - 48 kHz

Apple Lossless (.mp4, .m4a)

16 bit, 24 bit / 8 kHz - 384 kHz

AIFF (.aif, .aiff, .afc, .aifc)

16 bit, 24 bit, 32 bit / 8 kHz - 384 kHz

DSD (.dsf, .dff)

1 bit / 2.8224 MHz, 5.6448 MHz, 11.2896 MHz

APE (.ape)

8 bit, 16 bit, 24 bit / 8 kHz - 192 kHz (Fast, Normal, High)

MQA (.mqa.flac)

Supported

Note

- Copyright protected files cannot be played back.

- Sampling frequency may not correspond to all encoders.

- Non-standard bit rates or non-guaranteed bit rates are included depending on the Sampling frequency.

- Files that are 4 GB (2 GB for APE) or larger cannot be played back.

- This product recognizes audio sources exceeding CD quality (44.1 kHz/16 bit quantization) and DAT quality (48 kHz/16 bit quantization) as High-Resolution Audio.
  The "HR" symbol is displayed for High-Resolution Audio sources.

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Digital Music Player
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System requirements

Supported OS

- Windows® 10
- Windows® 8.1
- Windows® 7
- macOS® v10.10 - 10.13

Note

- You need an Internet connection to download computer applications.

- We do not guarantee operation for all computers.

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