



# **ENSPIRE Controller Operation Manual**

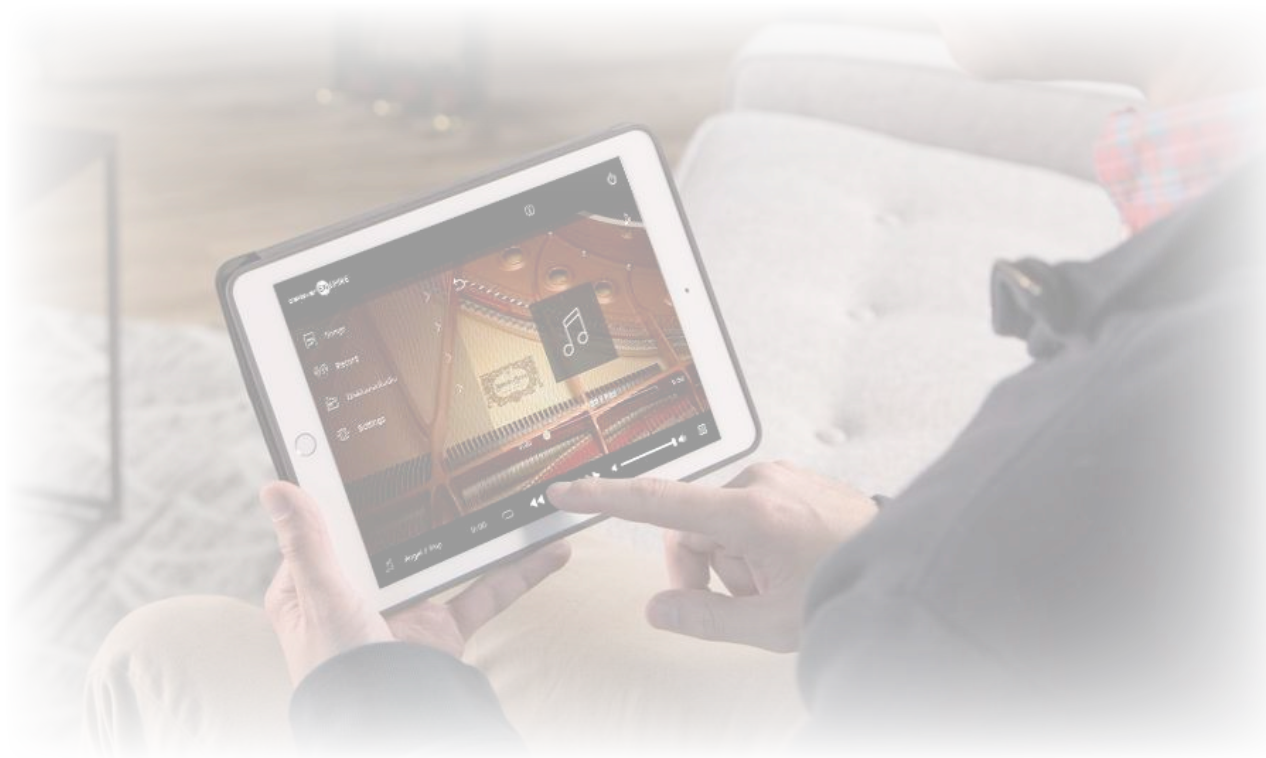
# Introduction

---

Thank you for purchasing the Yamaha Disklavier!

The ENSPIRE Controller allows you to control many of the basic functions of your Disklavier.

Please read this manual before operating the Disklavier.



## Note:

- The illustrations and screens as shown in this manual are for instructional purposes only, and may appear somewhat different from actual item depicted.
- How to operate this unit is described mainly using the screens in landscape view. For portrait view, refer to "Screen Layout in Portrait View." [More](#)
- Specifications are subject to change without notice.

## Trademarks & Copyrights:

- The contents of this manual and the copyrights thereof are under exclusive ownership by Yamaha Corporation.
- Yamaha, Disklavier, Disklavier ENSPIRE, Silent Piano, and DisklavierRadio are trademarks of Yamaha Corporation.
- The company names and product names in this operation manual are the trademarks or registered trademarks of their respective companies.

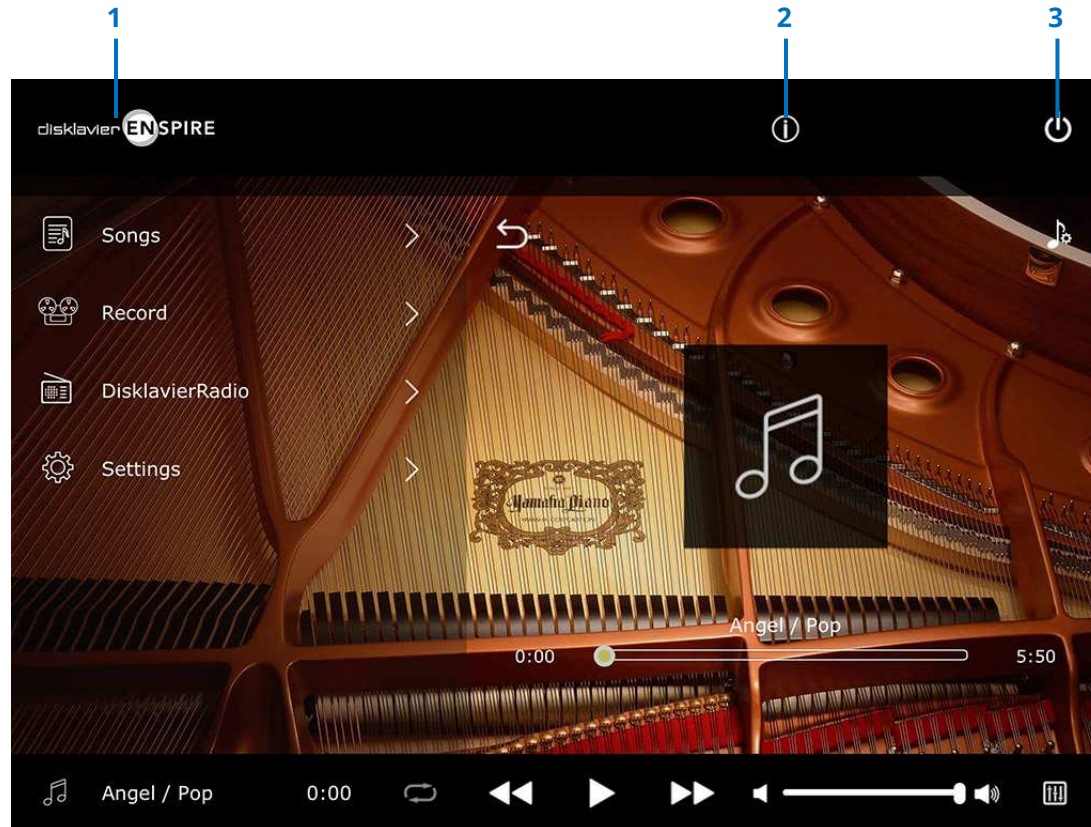
# Table of Contents

---

Introduction.....	2	PC Sharing Folder Screen .....	33
Table of Contents.....	3	Editing a PC Sharing Folder .....	34
Control Screen .....	4	List of Songs in the PC Sharing Folder .....	35
Information Screen .....	9	Editing a Song in the PC Sharing Folder .....	36
Balance Screen .....	11	Recording Standby Screen .....	37
Practice Function Menu .....	12	Recording Screen .....	38
Changing the Playback Tempo.....	13	Saved Screen .....	39
Playing Back Only the Desired Piano Part .....	14	DisklavierRadio Screen .....	40
Repeating a Specific Section of a Song (A-B Repeat) .....	15	Logging in and/or Subscribing the Service.....	41
Songs Screen .....	16	DisklavierRadio Playback Screen .....	43
Built-in Songs Screen .....	17	Settings Screen.....	44
Editing a Built-in Album .....	18	Network Screen.....	45
List of Songs in the Built-in Album .....	19	Setting the Disklavier for the Wired Network Connection.....	46
Editing a Song in the Built-in Album .....	20	Setting the Disklavier for the Wireless Network Connection .....	48
Playlists Screen.....	21	Connection Screen.....	50
Editing a Playlist .....	22	Setting the Disklavier for Audio Reception/Transmission.....	51
List of Songs in the Playlist .....	23	Setting the Disklavier for MIDI Data Reception/Transmission.....	53
Editing a Song in the Playlist .....	24	Special Playback Screen .....	56
Recorded Songs Screen.....	25	System Screen.....	57
Editing a Recorded Songs Folder.....	26	Screen Layout in Portrait View .....	58
List of Songs in the Recorded Songs Folder .....	27	Troubleshooting.....	60
Editing a Song in the Recorded Songs Folder.....	28		
User Folder Screen.....	29		
Editing a User Folder.....	30		
List of Songs in the User Folder .....	31		
Editing a Song in the User Folder .....	32		

# Control Screen

Accessing the Disklavier from the ENSPIRE Controller app on your smart device displays the control screen.



## 1 Logo


Displays the playback screen.

## 2 Information

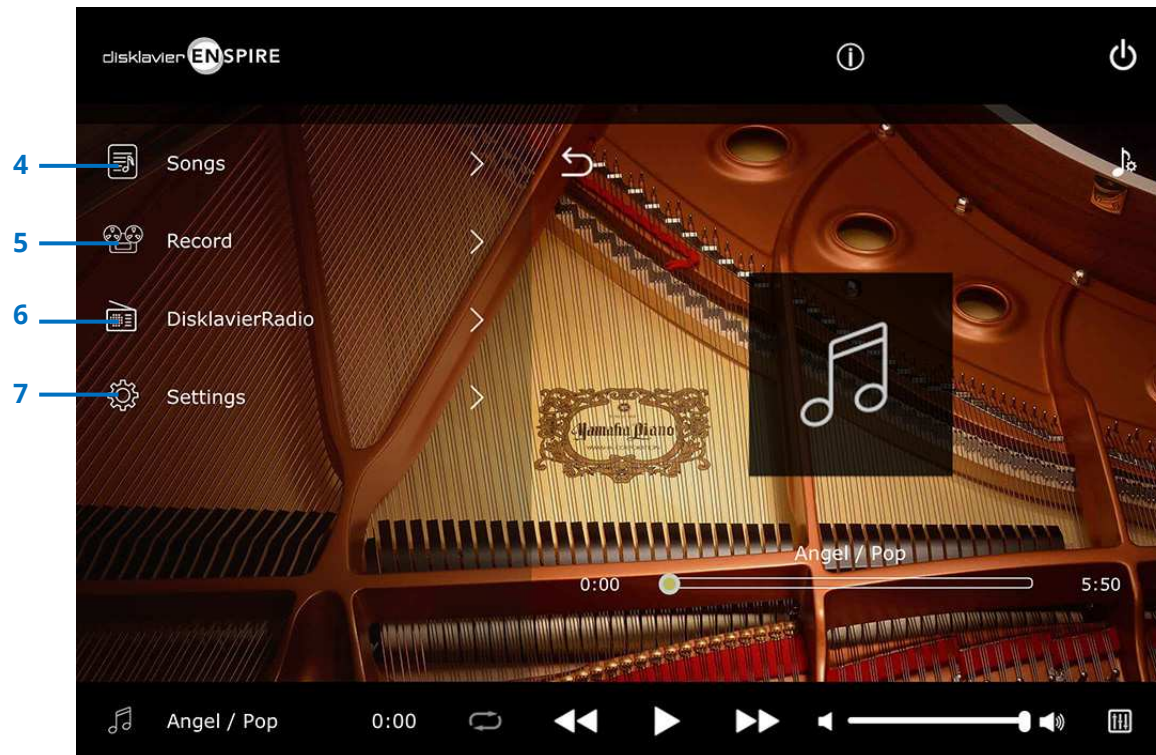
Displays the Information screen. [More](#)

## 3 Power

Turns the power off (sleep).

 Continued to next page

# Control Screen



## 4 Songs

Displays the Songs screen. [More](#)

## 5 Record

Displays the recording standby screen. [More](#)

## 6 DisklavierRadio

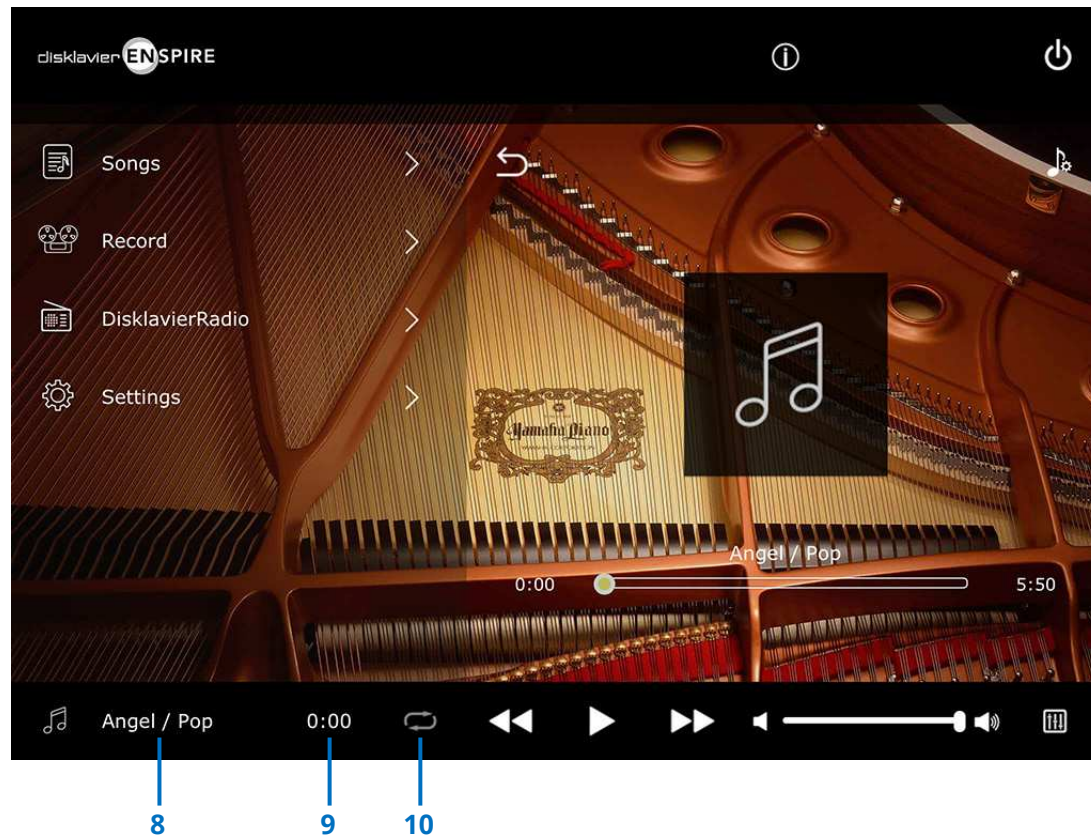
Displays the DisklavierRadio screen. [More](#)

## 7 Settings

Displays the Settings screen. [More](#)



# Control Screen



## 8 Loaded song information

Shows information of the loaded song:

- Cover art (otherwise default image)
- Song title
- Album title

Tapping this area displays the playback screen.

## 9 Playback time counter

Indicates the playback time.

## 10 Repeat

Opens the repeat setting menu.

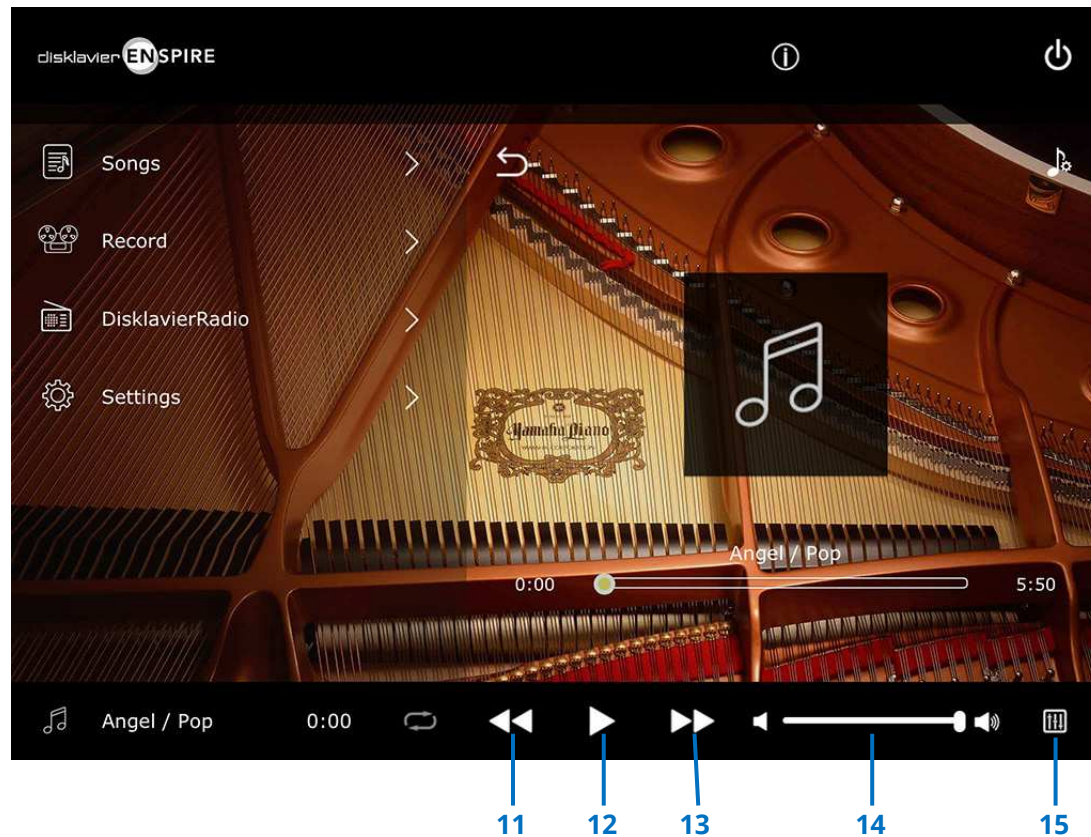
- : repeat off
- : repeats the selected song
- : repeats all songs in the album
- : shuffles all songs in the album
- : repeats all albums in the song category
- : shuffles all albums in the song category

### Note:

"Song category" refers to a group of songs (Built-in Songs, Playlists, and so on), that appears on the Song screen. [More](#)

Continued to next page

# Control Screen



## 11 Skip back/rewind

Skips to the previous song when tapped briefly. Rewinds through the current song when tapped and held for a longer period.

## 12 Play/pause

Starts or pauses playback.

## 13 Skip/fast forward

Skips to the next song when tapped briefly. Fast-forwards through the current song when tapped and held for a longer period.

## 14 Volume

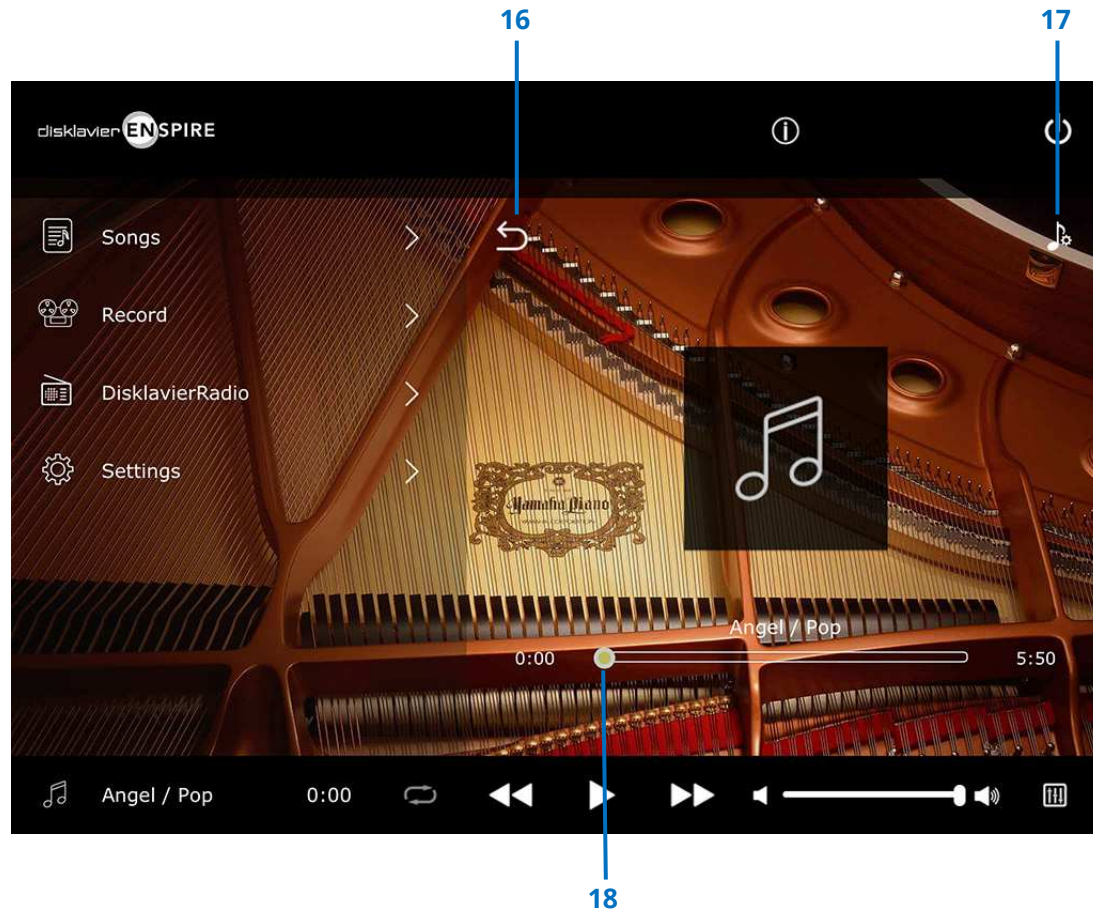
Adjusts the volume. The volume can be adjusted in the range of 0 to 100. Use the slide to adjust the volume.

## 15 Balance

Displays the Balance screen. [More](#)

▶ Continued to next page

# Control Screen (Playback Screen)



The right area shows the various information. In the control screen, the playback screen appears.

The playback screen shows:

- Cover art (otherwise default image)
- Song title
- Album title

The following controls are also included in this area.

## 16 Return

Returns to the hierarchically upper screen.

## 17 Practice function

Opens the practice function menu. [More](#)

## 18 Song position

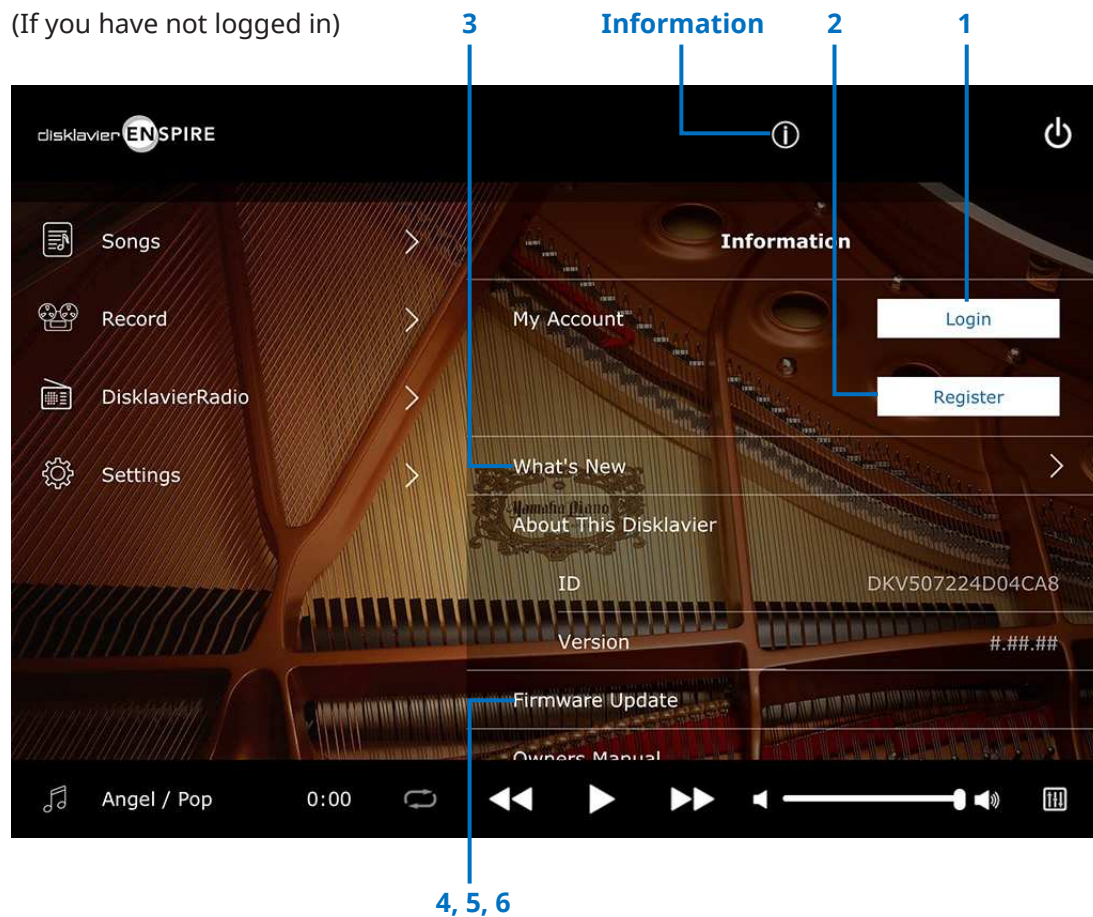
Indicates the playback position. Use the slider to control the playback.



# Information Screen

Tapping on the information button displays the Information screen.

(If you have not logged in)



## 1 Login

Opens the Login pop-up. You can log in to Yamaha MusicSoft. You need to enter your email address and password.

## 2 Register

Opens the account registration page for Yamaha MusicSoft in a separate browser tab.

## 3 What's New

Displays the What's New screen. In the What's New screen, you can see the five latest news items about the Disklavier.

## 4 Firmware Update

Opens the Firmware Update pop-up.

Scrolling down the screen displays the following items:

## 5 Owner's Manual

Opens the owner's manual in a separate browser tab.

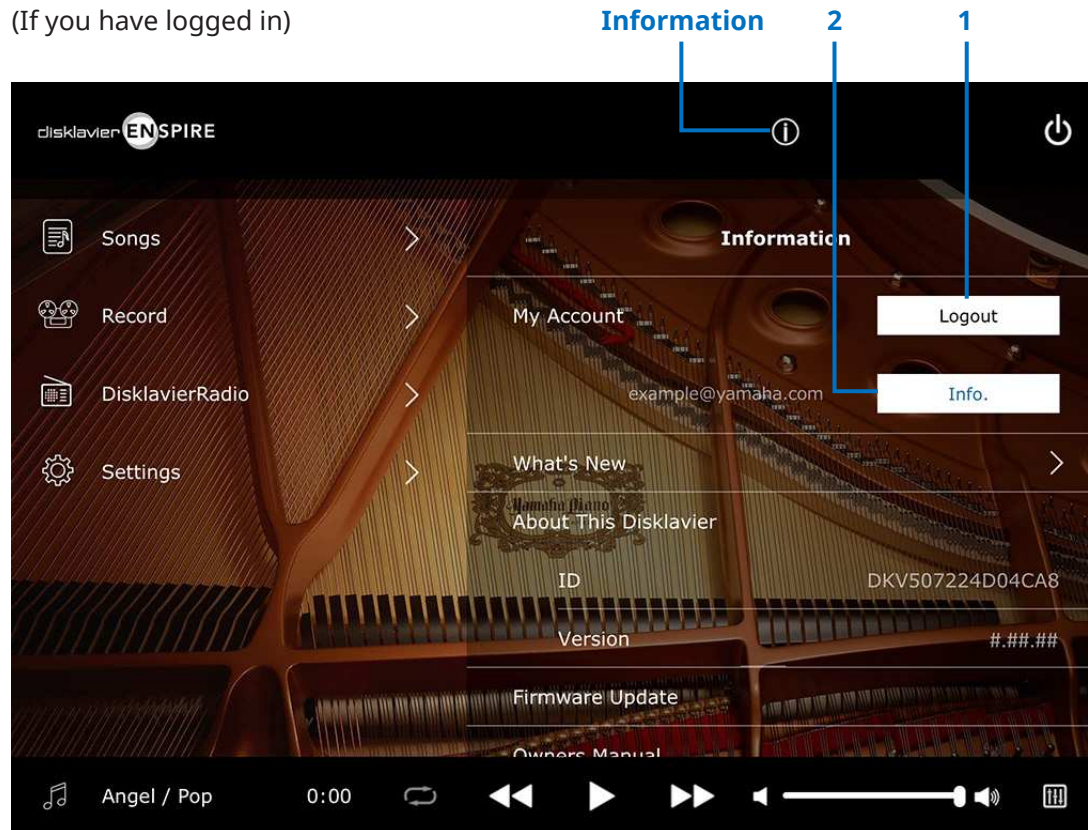
## 6 Software License

Opens the software license in a separate browser tab.

▶ Continued to next page

# Information Screen

(If you have logged in)



## 1 Logout

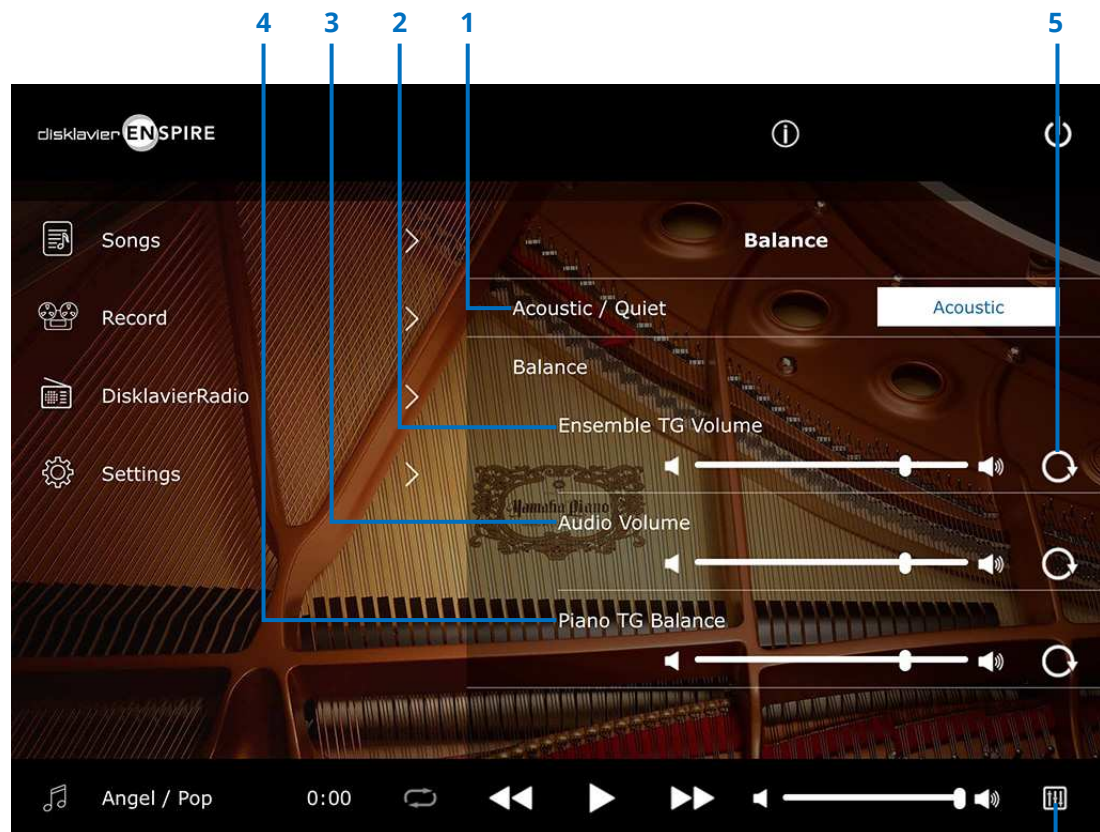
Opens the Logout pop-up.

## 2 Info.

Opens the My Account pop-up. You can confirm your subscription status and account information.

# Balance Screen

Tapping on the balance button displays the Balance screen.





Balance

## 1 Acoustic/Quiet



Cycles through the quiet status.

- **Acoustic:** functions as an acoustic piano
- **Quiet:** outputs piano sound through the monitor speaker(s) connected to the OUTPUT jacks
- **Headphone:** outputs sound through the stereo headphones connected to the HEADPHONE jack



## 2 Ensemble TG Volume

Adjust the volume of the ensemble parts. The volume can be adjusted in a range of 0 to 127. Use the  /  buttons or slider to adjust the volume.

## 3 Audio Volume

Adjust the volume of the audio. The volume can be adjusted in a range of 0 to 127. Use the  /  buttons or slider to adjust the volume.

## 4 Piano TG Balance

Adjusts the volume of the piano parts. The volume can be adjusted in a range of 0 to 127. Use the  /  buttons or slider to adjust the volume.

## 5 Reset

Resets the volume to its default value (100).

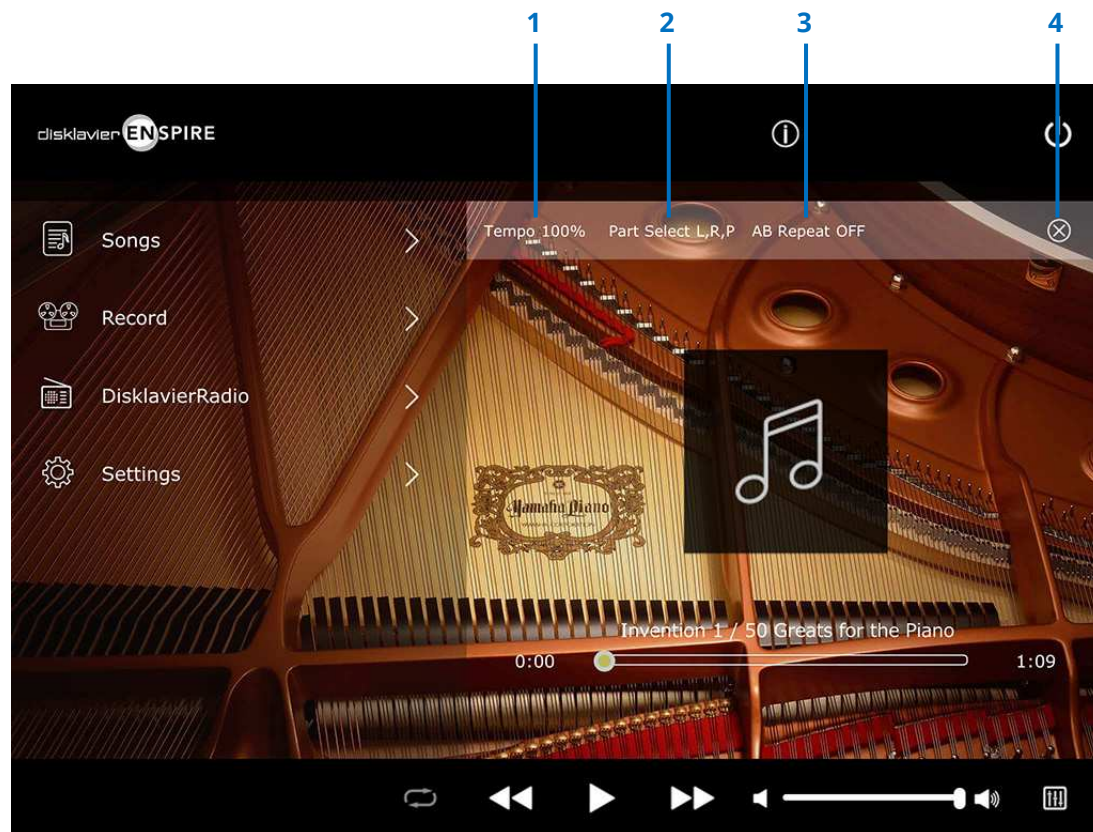
### Note:

- “Acoustic/Quiet” is locked to “Headphone” when you connect headphones.
- For upright pianos, “Acoustic/Quiet” cannot be set on this screen. The setting is locked to “Quiet” when you slide the center pedal to the left.



# Practice Function Menu

Tapping on the practice function button opens the practice function menu.



## 1 Tempo

Opens the Tempo setting menu. [More](#)

## 2 Part Select

Opens the Part Select setting menu. [More](#)

## 3 A-B Repeat

Opens the A-B Repeat setting menu. [More](#)

## 4 Close

Closes the practice function menu.

### Note:

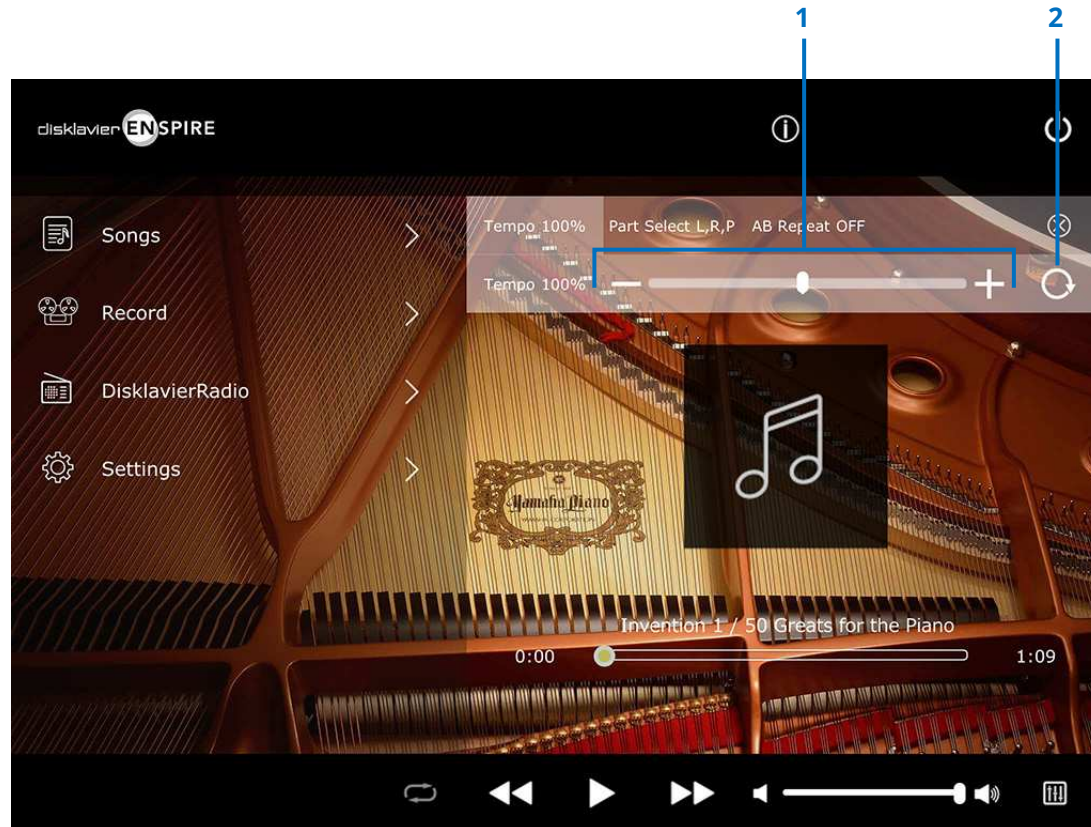
These settings remain in effect until another song is selected, or the power is turned off.



# Changing the Playback Tempo

You can speed up or slow down the playback tempo.

Slowing down the playback tempo can be useful when practicing a difficult piano part.



## 1 Tempo controls

Adjusts the playback tempo. The playback tempo can be adjusted in a range of 50% to 150%. Use the -/+ buttons or slider to adjust the playback tempo.

## 2 Reset

Resets the playback tempo to 100%.

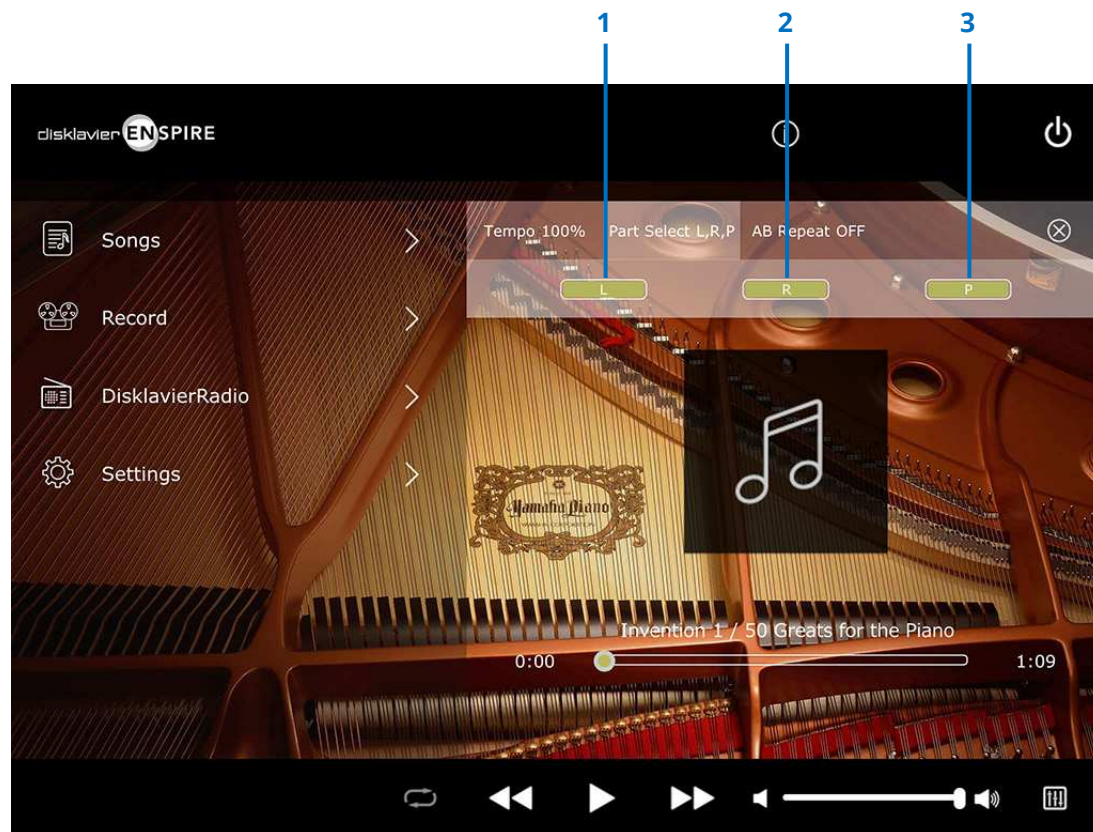
### Note:

You cannot change the playback tempo of the PianoSoftAudio song.

# Playing Back Only the Desired Piano Part

You can select the desired piano part.

This could be useful, for example, when you practice only the left- or right-hand part while the Disklavier plays the other.



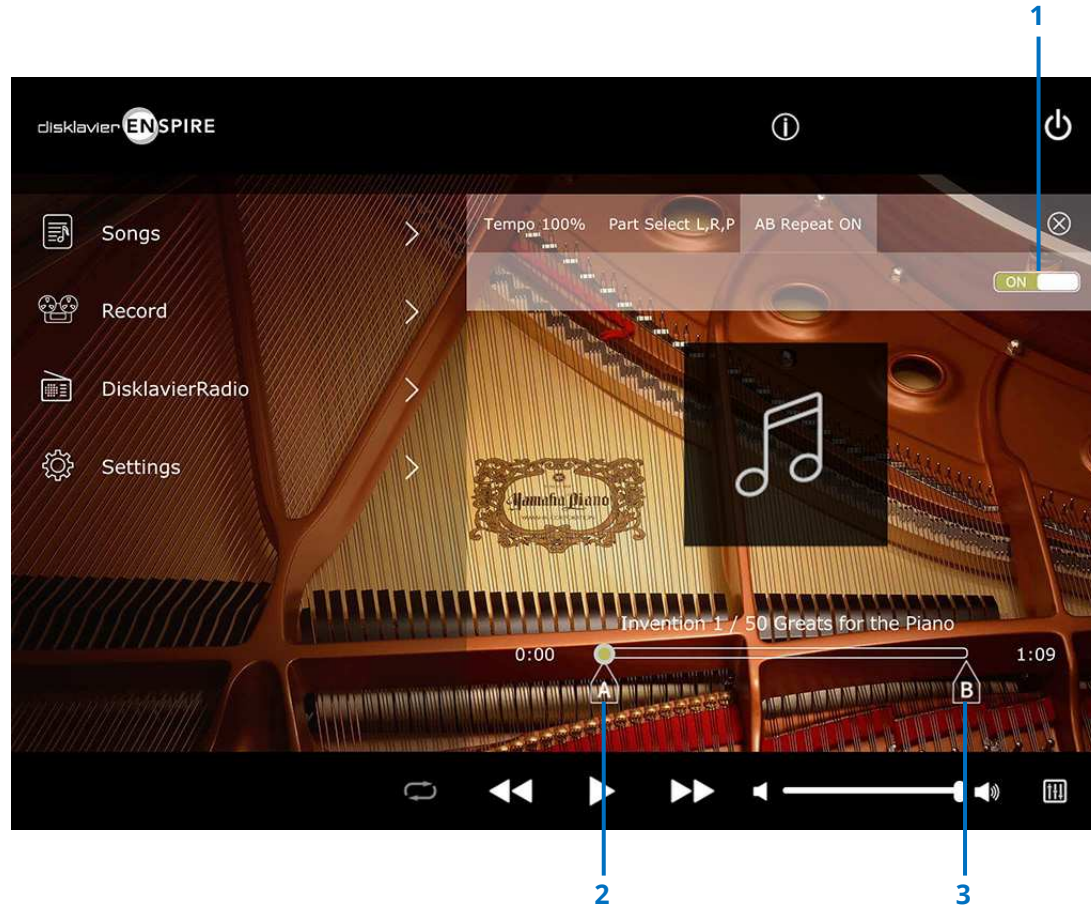
- 1 L**  
Plays or cancels the left part.
- 2 R**  
Plays or cancels the right part.
- 3 P**  
Plays or cancels the pedal part.

## Memo

The above screen indicates that the all the parts are played back.

# Repeating a Specific Section of a Song (A-B Repeat)

When using A-B repeat, playback is repeated between two specified points (point A and point B) in a song. This is useful when practicing or memorizing a difficult section of a song.



## 1 A-B Repeat

Turns A-B repeat on or off. This switch is automatically turned on when opening the A-B Repeat setting menu.

## 2 Point A

Indicates point A. Slide this mark to set point A.

## 3 Point B

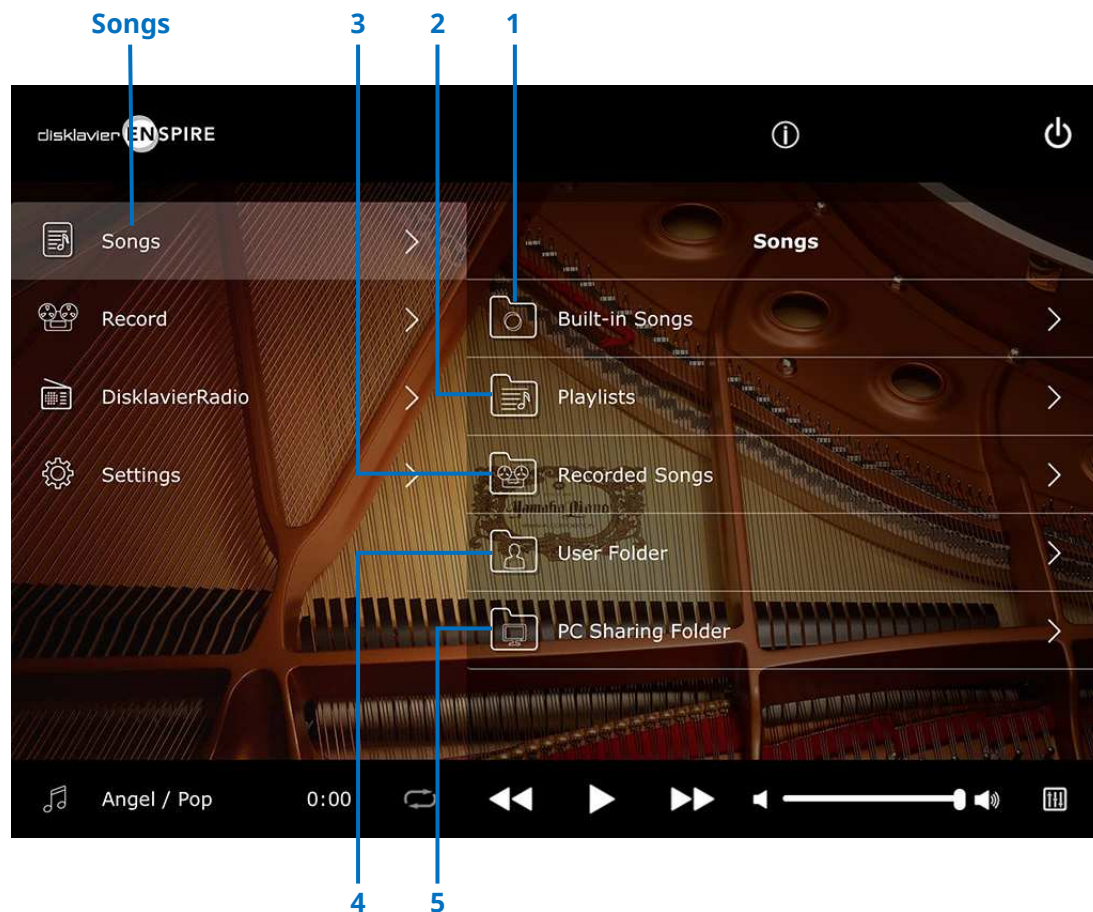
Indicates point B. Slide this mark to set point B.

Playback starts from point A, continues up to point B, and returns to point A. Playback cycles between point A and point B.



# Songs Screen

Tapping on the Songs button displays the Songs screen.



## 1 Built-in Songs

Displays the Built-in Songs screen. [More](#)

## 2 Playlists

Displays the Playlists screen. [More](#)

## 3 Recorded Songs

Displays the Recorded Songs screen. [More](#)

## 4 User Folder

Displays the User Folder screen. [More](#)

## 5 PC Sharing Folder

Displays the PC Sharing Folder screen. [More](#)

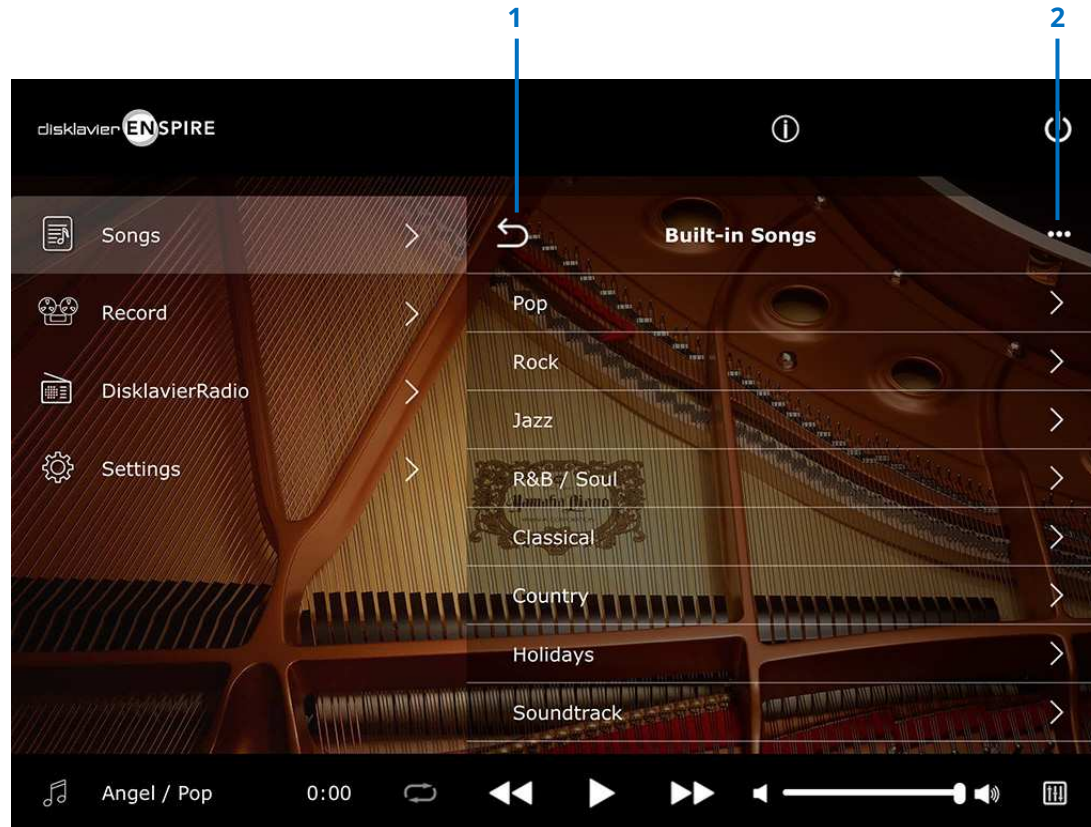
### Note:

Recorded Songs, User Folder and PC Sharing Folder appear only when a USB flash memory is connected.



# Built-in Songs Screen

The Built-in Songs screen shows the list of built-in albums (genres).



## 1 Return

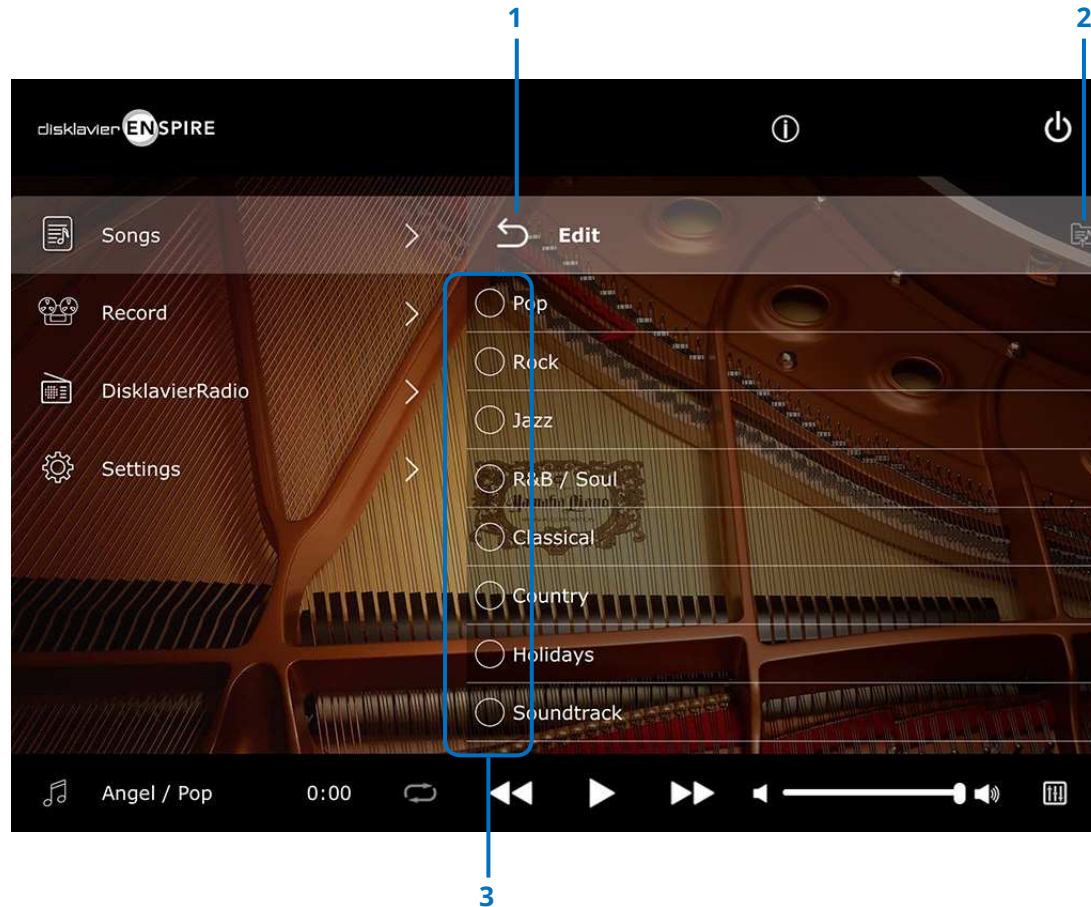
Returns to the Songs screen.

## 2 Edit

Opens the Edit menu. [More](#)

# Editing a Built-in Album

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the Built-in Songs screen.

## 2 Add to playlist

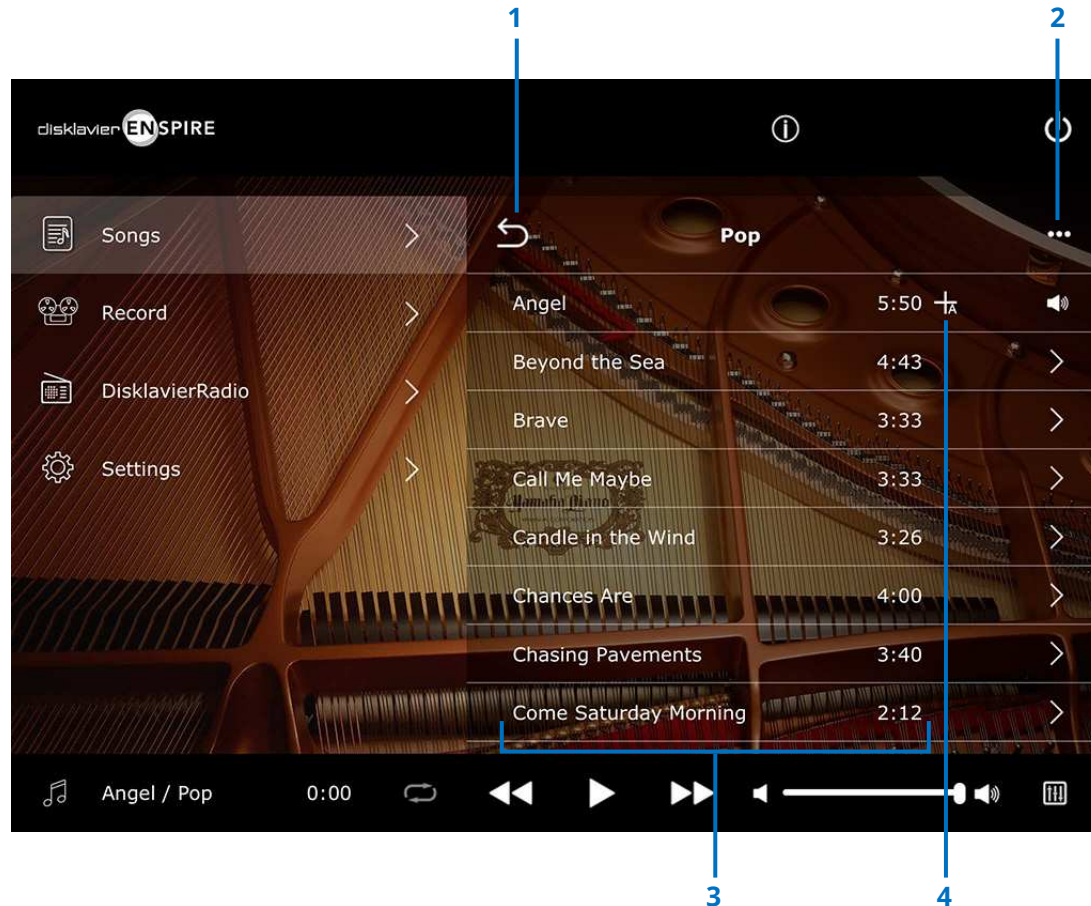
Adds the selected album to the playlist.

## 3 Radio buttons

Selects the album you want to edit.

# List of Songs in the Built-in Album

Tapping on the album in the Built-in Songs screen displays the list of songs within the selected album.



## 1 Return

Returns to the Built-in Song screen.

## 2 Edit

Opens the Edit menu. [More](#)

## 3 Song information

Shows information of the song:

- Cover art (otherwise default image)
- Song title
- Album title
- Song length

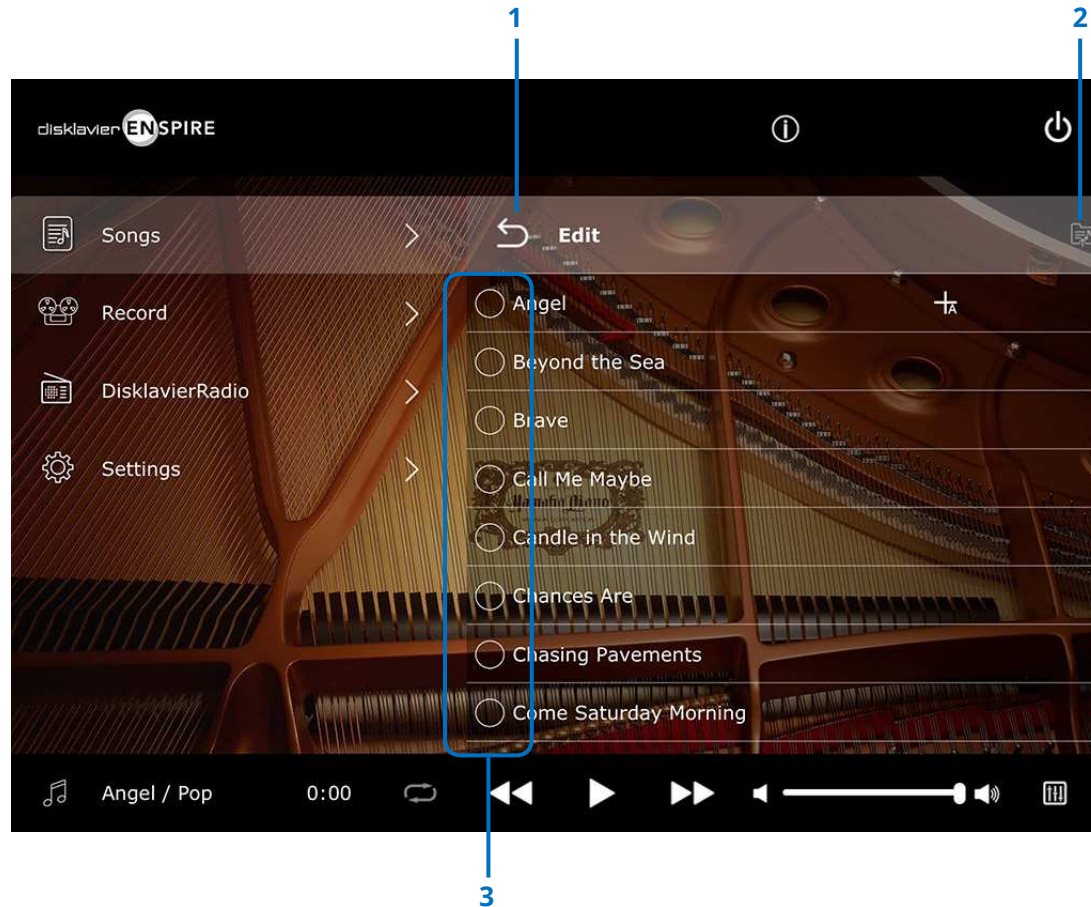
## 4 Song type

Indicates the song type.

- : songs with audio accompaniment
- [no indication]: other types of song

# Editing a Song in the Built-in Album

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the Built-in Songs screen.

## 2 Add to playlist

Adds the selected song to the playlist.

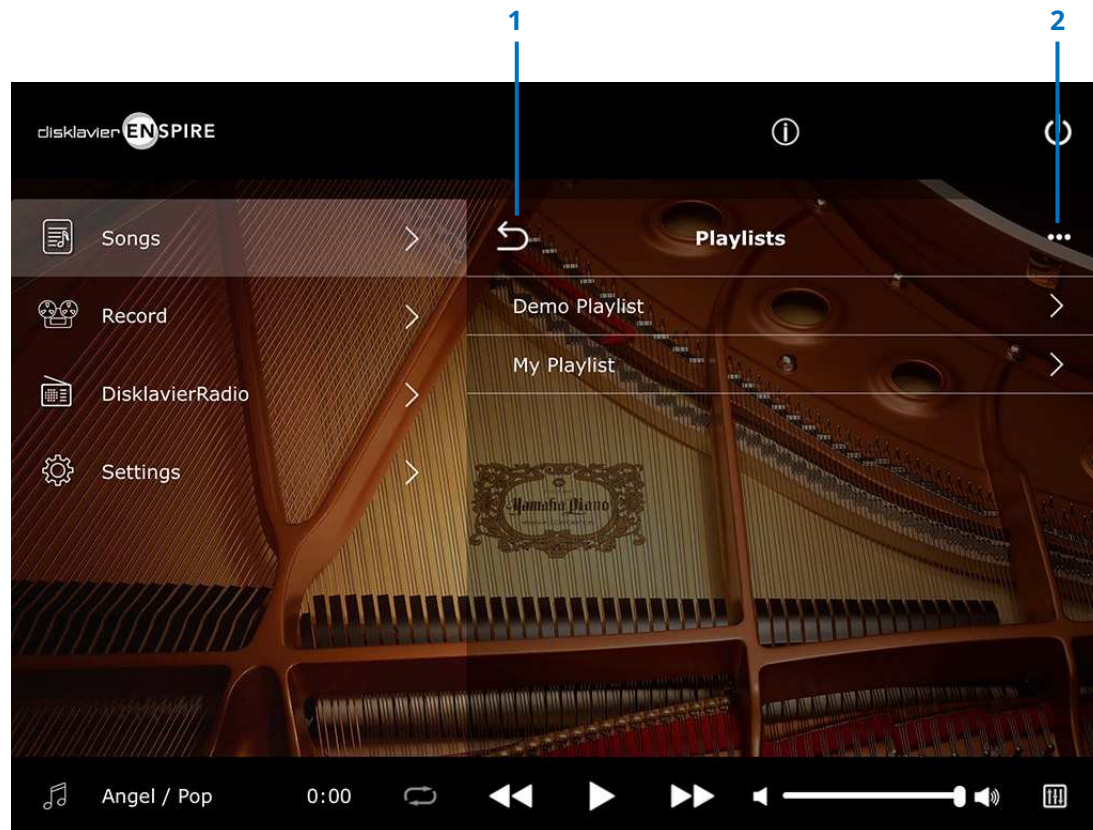
## 3 Radio buttons

Selects the song you want to edit.



# Playlists Screen

The Playlist screen shows the list of playlists you have created.



## 1 Return

Returns to the Songs screen.

## 2 Edit

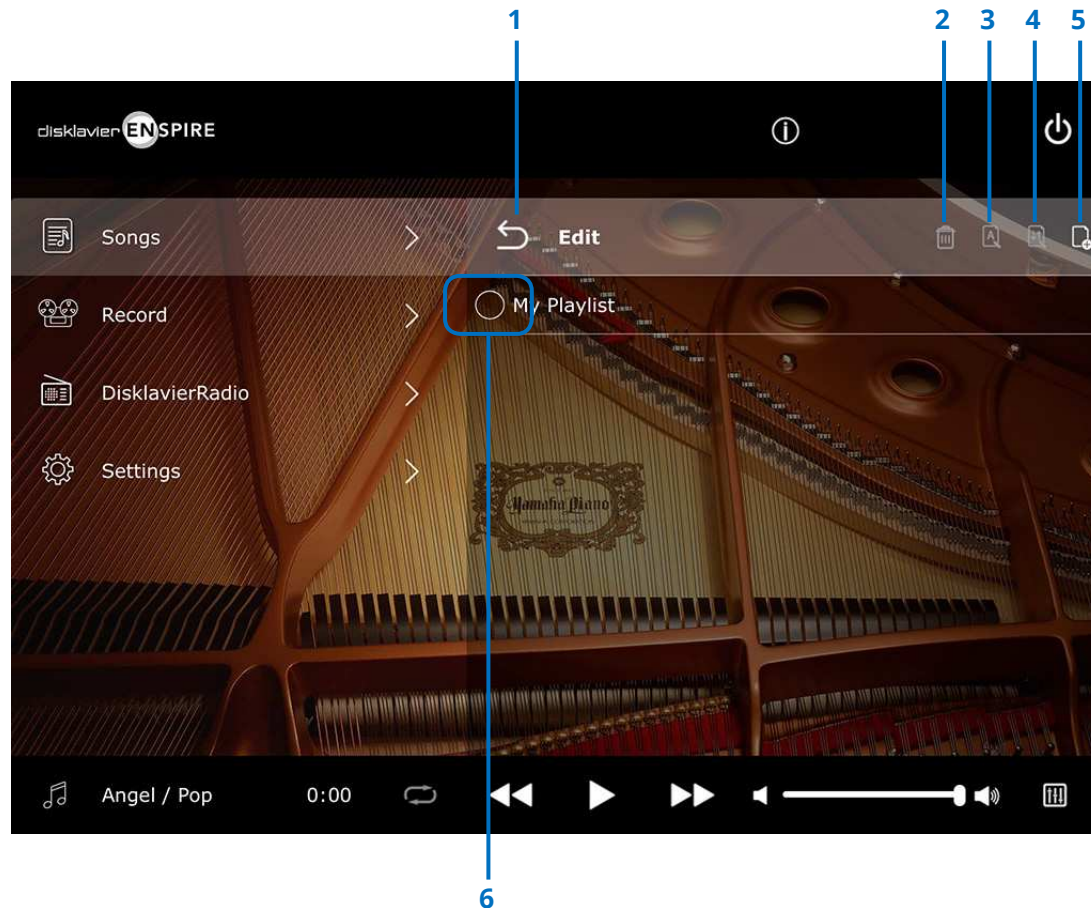
Opens the Edit menu. [More](#)

### Note:

- Playlists other than Demo Playlist appear only when a USB flash memory is connected.
- Edit button is available only when a USB flash memory is connected.

# Editing a Playlist

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the Playlists screen.

## 2 Delete

Deletes the selected playlist.

## 3 Rename

Renames the selected playlist.

## 4 Sort

Rearranges the order of the selected playlist.

## 5 Create

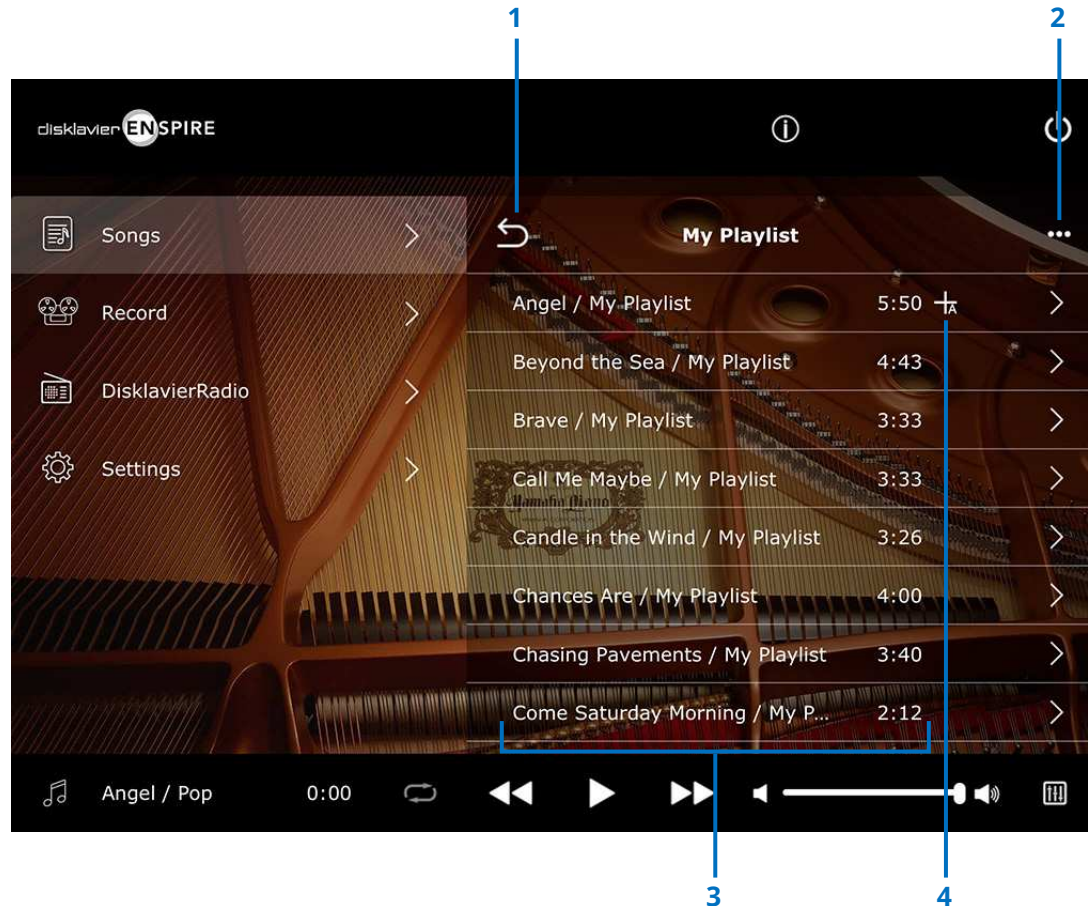
Creates a new playlist.

## 6 Radio buttons

Selects the playlist you want to edit.

# List of Songs in the Playlist

Tapping on the playlist in the Playlists screen displays the list of songs within the selected playlist.



## 1 Return

Returns to the Playlists screen.

## 2 Edit

Opens the Edit menu. [More](#)


## 3 Song information

Shows information of the song:

- Cover art (otherwise default image)
- Song title
- Album title
- Song length

## 4 Song type

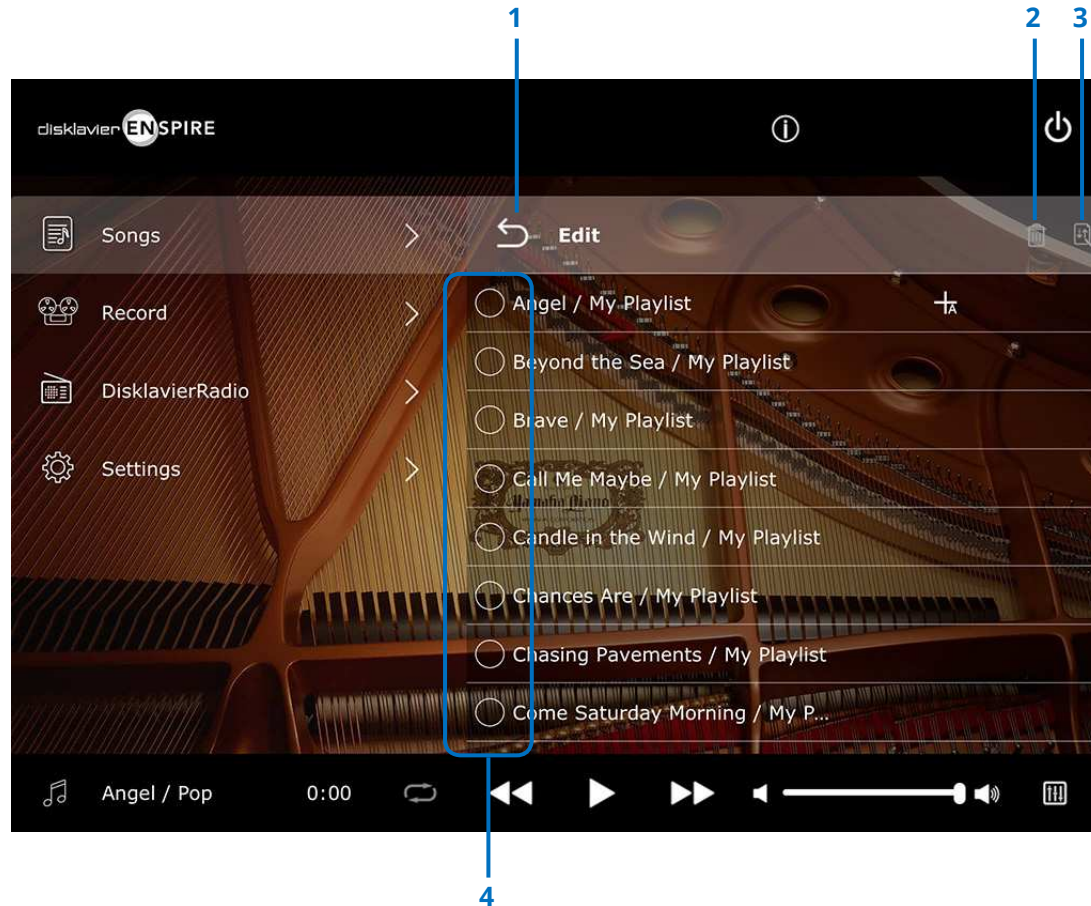
Indicates the song type.

-  : songs with audio accompaniment
- [no indication]: other types of song



# Editing a Song in the Playlist

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the Playlists screen.

## 2 Delete

Deletes the selected song.

## 3 Sort

Rearranges the order of the selected song.

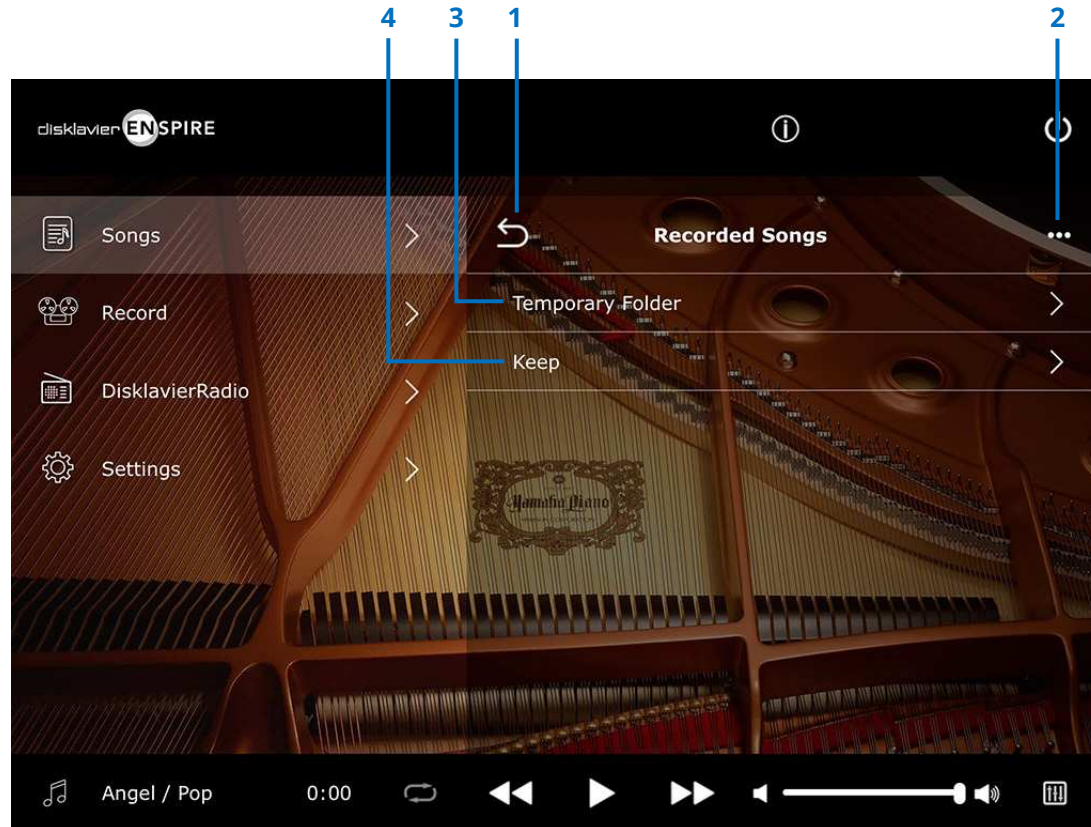
## 4 Radio buttons

Selects the song you want to edit.



# Recorded Songs Screen

The Recorded Songs screen shows the list of folders in which the recorded songs are saved.



## 1 Return

Returns to the Songs screen.

## 2 Edit

Opens the Edit menu. [More](#)

## 3 Temporary Folder

All the recorded songs are saved in this folder. The songs in this folder are not deleted automatically.

## 4 Keep

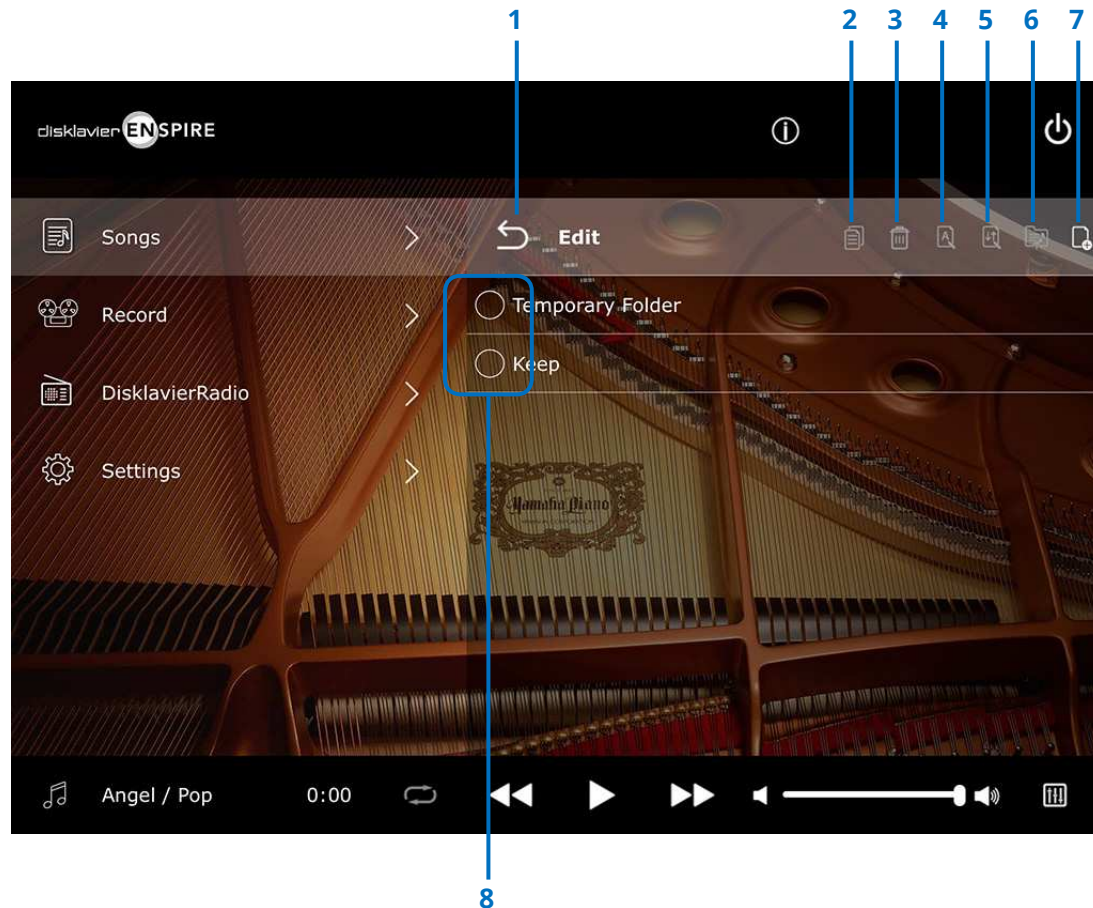
You can move the recorded songs to this folder on the following screens:

- Saved screen [More](#)
- Editing screen of the recorded songs [More](#)

The Keep folder is useful when you want to keep the desired songs. You can delete unnecessary songs on the editing screen of the recorded songs after moving the desired songs to the Keep folder. [More](#)

# Editing a Recorded Songs Folder

Tapping on the edit button opens the Edit menu.



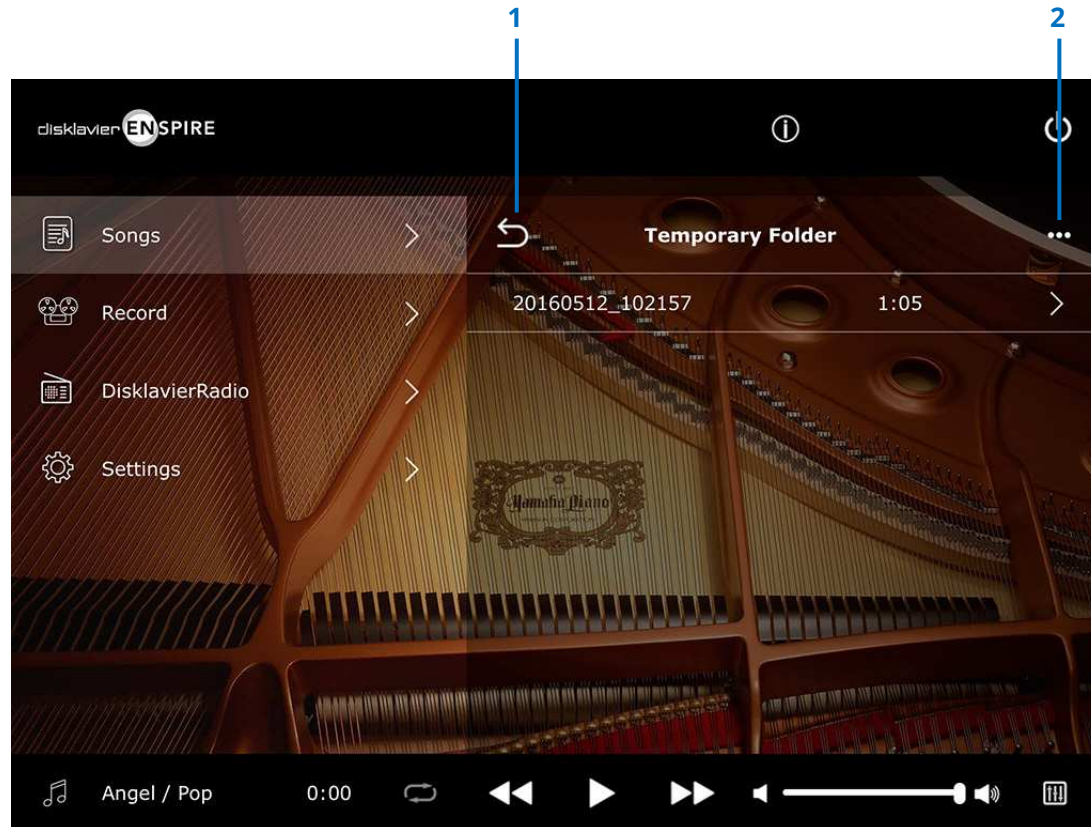
- 1 Return**  
Returns to the Recorded Songs screen.
- 2 Copy**  
Copies the selected folder.
- 3 Delete**  
Deletes the selected folder.
- 4 Rename**  
Renames the selected folder.
- 5 Sort**  
Rearranges the order of the selected folder.
- 6 Add to playlist**  
Adds the selected folder to the playlist.
- 7 Create**  
Creates a new folder.
- 8 Radio buttons**  
Selects the folder you want to edit.

**Note:**

Rename and sort buttons are available only when you selected a folder other than Temporary Folder and Keep.

# List of Songs in the Recorded Songs Folder

Tapping on the folder in the Recorded Songs screen displays the list of songs within the selected folder.



## 1 Return

Returns to the Recorded Songs screen.

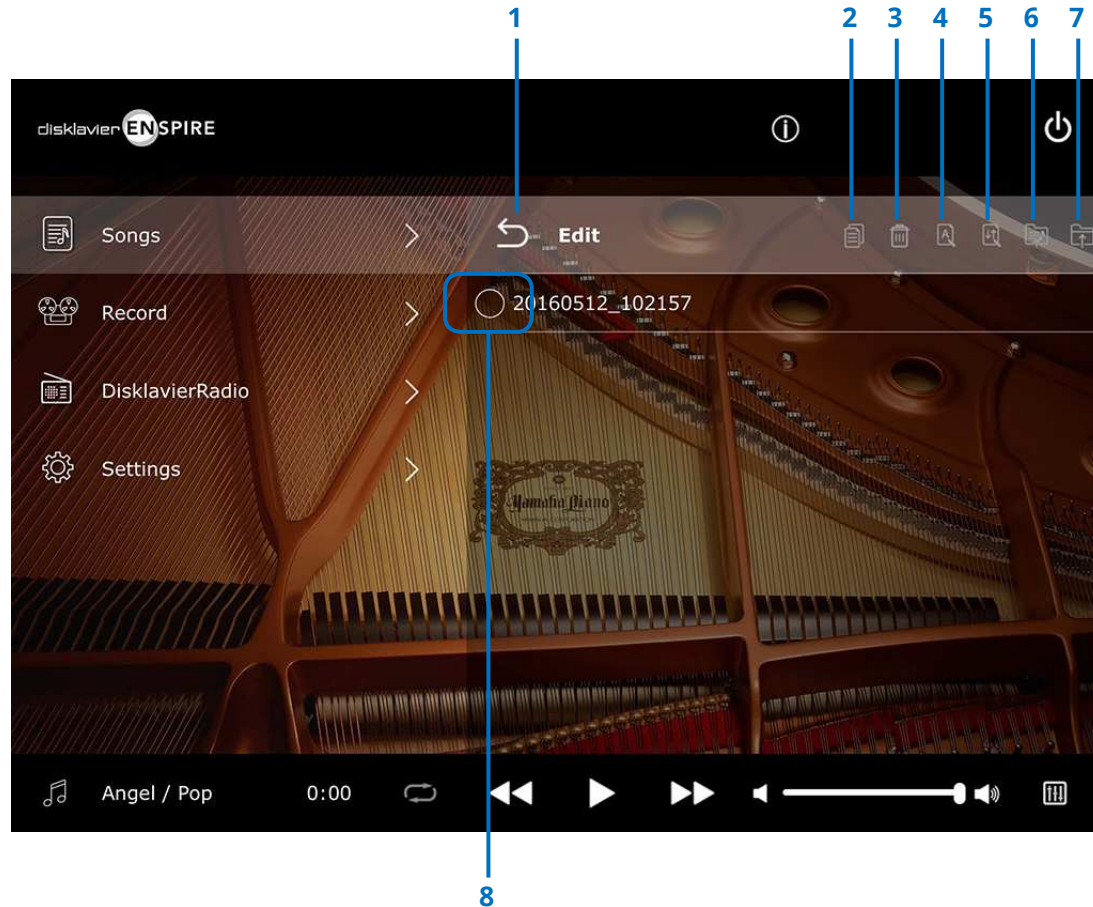
## 2 Edit

Opens the Edit menu. [More](#)



# Editing a Song in the Recorded Songs Folder

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the Recorded Songs screen.

## 2 Copy

Copies the selected song.

## 3 Delete

Deletes the selected song.

## 4 Rename

Renames the selected song.

## 5 Sort

Rearranges the order of the selected song.

## 6 Add to playlist

Adds the selected song to the playlist.

## 7 Move to Keep

Moves the selected song to the Keep folder.

## 8 Radio buttons

Selects the folder you want to edit.

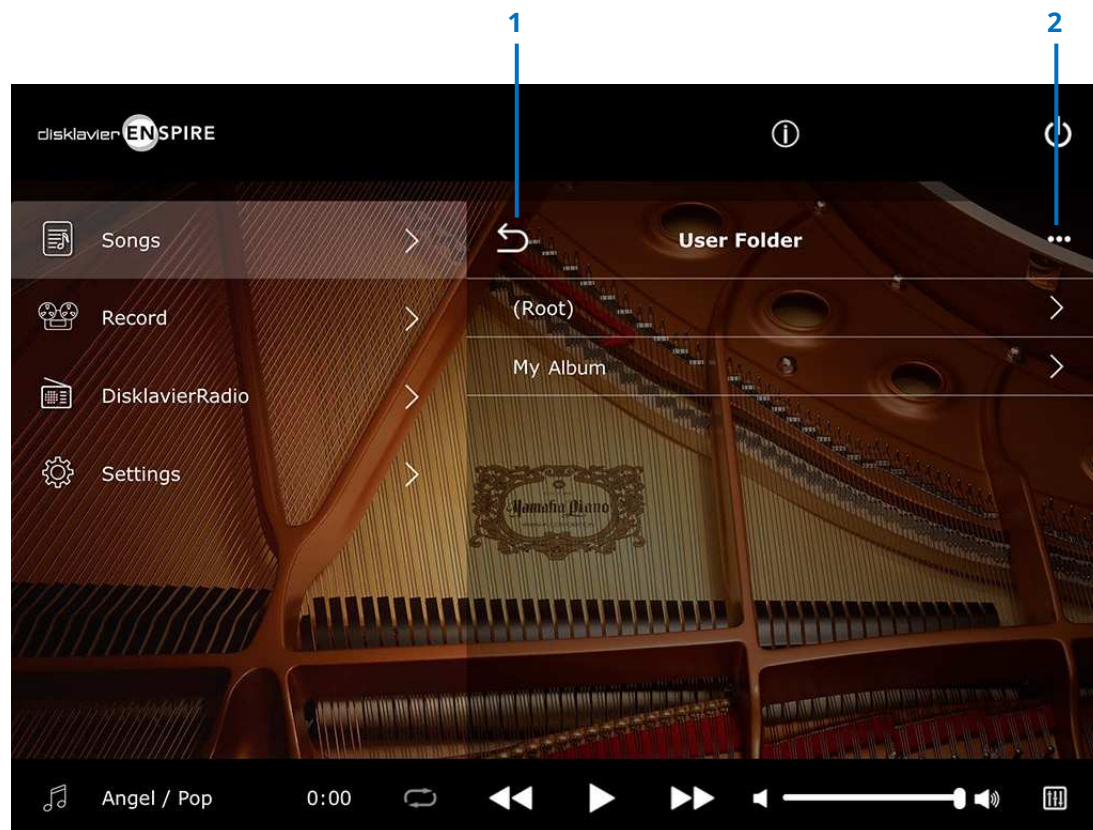
### Note:

Move to Keep button is available only when you selected a song in the folder other than Keep.



# User Folder Screen

The User Folder screen shows the list of folders in the USB flash memory.



## 1 Return

Returns to the Songs screen.

## 2 Edit

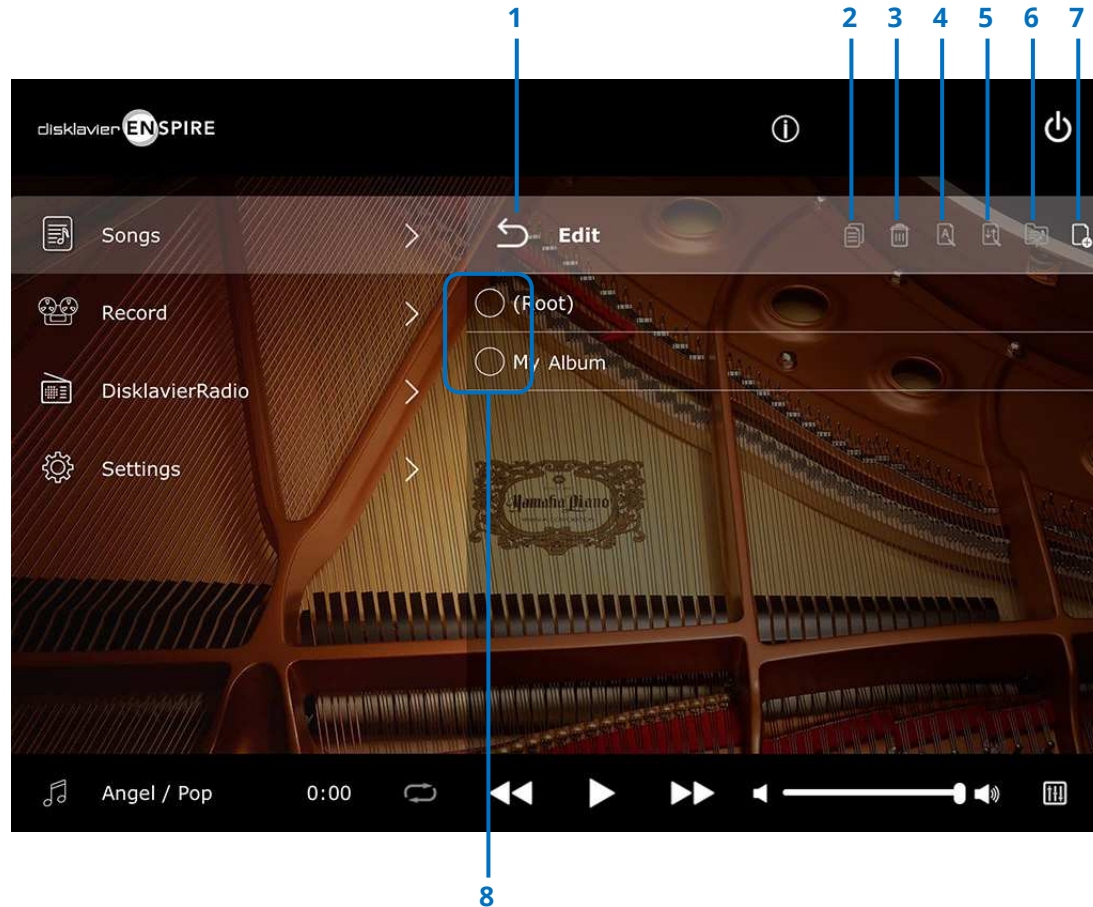
Opens the Edit menu. [More](#)

The unit can recognize the folders up to the third directory. Root directory is recognized as the first directory.

Folders will be listed in the following order:  
first directory (root) > second directory > third directory.

# Editing a User Folder

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the User Folder screen.

## 2 Copy

Copies the selected folder.

## 3 Delete

Deletes the selected folder.

## 4 Rename

Renames the selected folder.

## 5 Sort

Rearranges the order of the selected folder.

## 6 Add to playlist

Adds the selected folder to the playlist.

## 7 Create

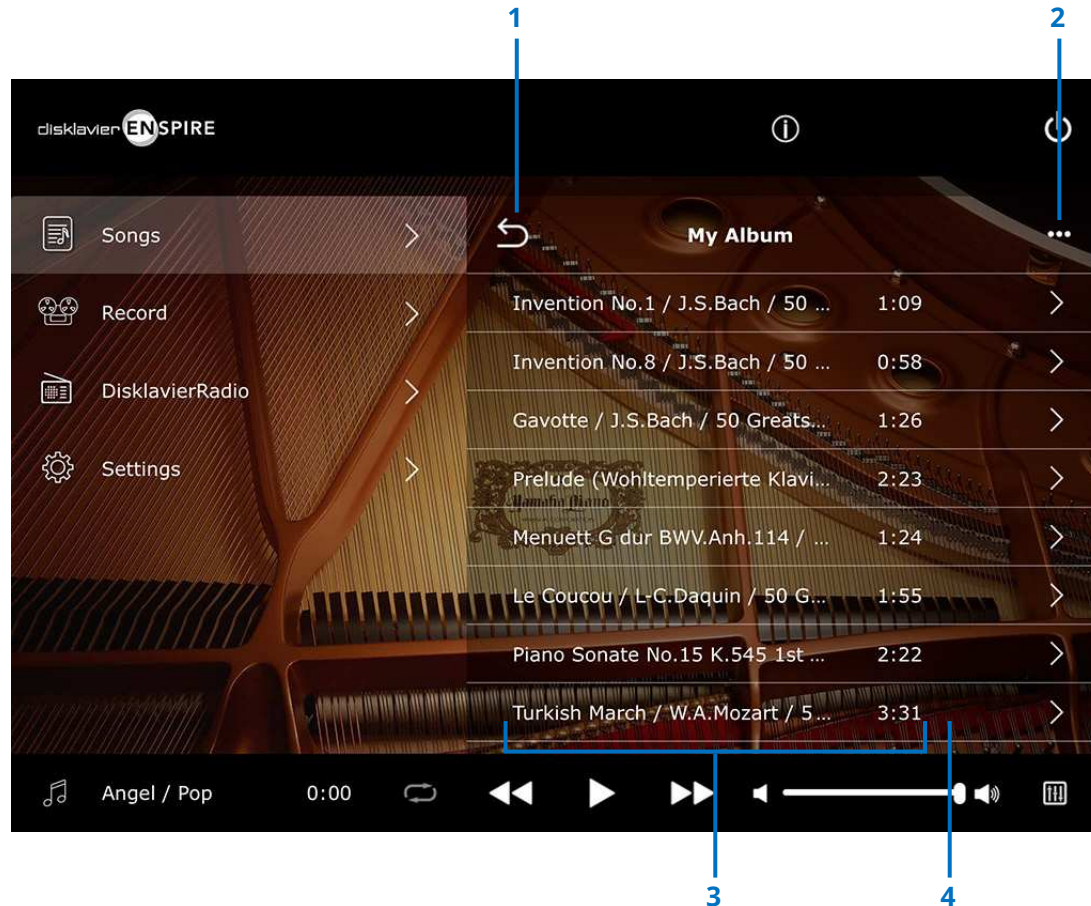
Creates a new folder.

## 8 Radio buttons

Selects the folder you want to edit.

# List of Songs in the User Folder

Tapping on the folder in the User Folder screen displays the list of songs within the selected folder.



## 1 Return

Returns to the User Folder screen.

## 2 Edit

Opens the Edit menu. [More](#)


## 3 Song information

Shows information of the song:

- Cover art (otherwise default image)
- Song title
- Album title
- Song length

## 4 Song type

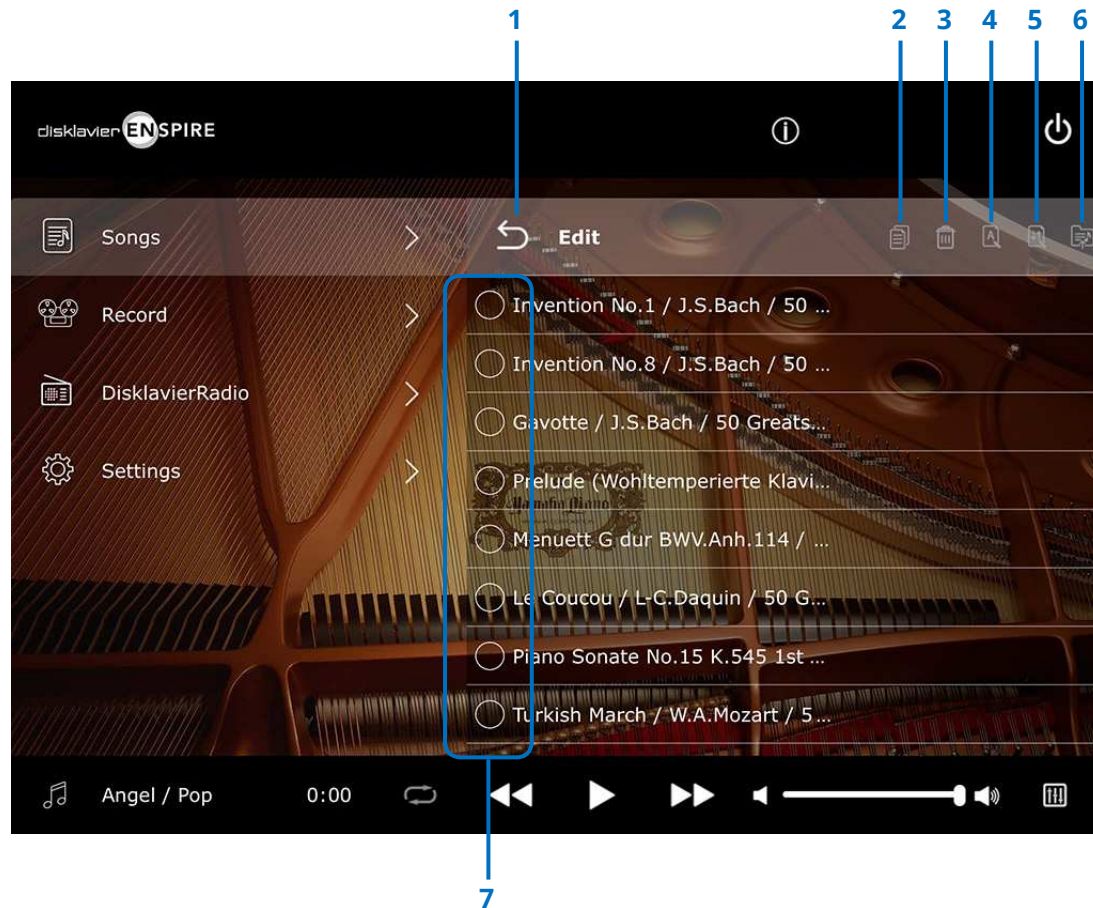
Indicates the song type.

-  : songs with audio accompaniment
- [no indication]: other types of song



# Editing a Song in the User Folder

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the User Folder screen.

## 2 Copy

Copies the selected song.

## 3 Delete

Deletes the selected song.

## 4 Rename

Renames the selected song.

## 5 Sort

Rearranges the order of the selected song.

## 6 Add to playlist

Adds the selected song to the playlist.

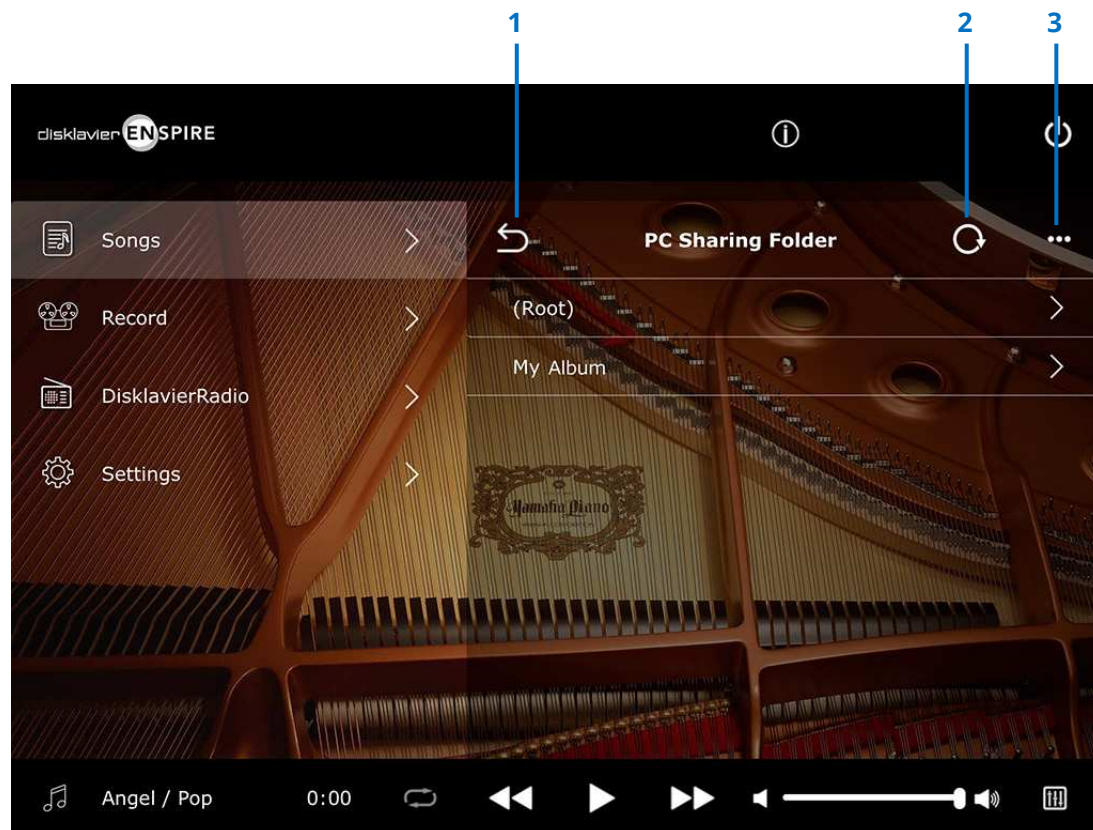
## 7 Radio buttons

Selects the song you want to edit.



# PC Sharing Folder Screen

The PC Sharing Folder screen shows the list of folders shared with a personal computer.



## 1 Return

Returns to the Songs screen.

## 2 Reload

Reloads the contents in the folder.

## 3 Edit

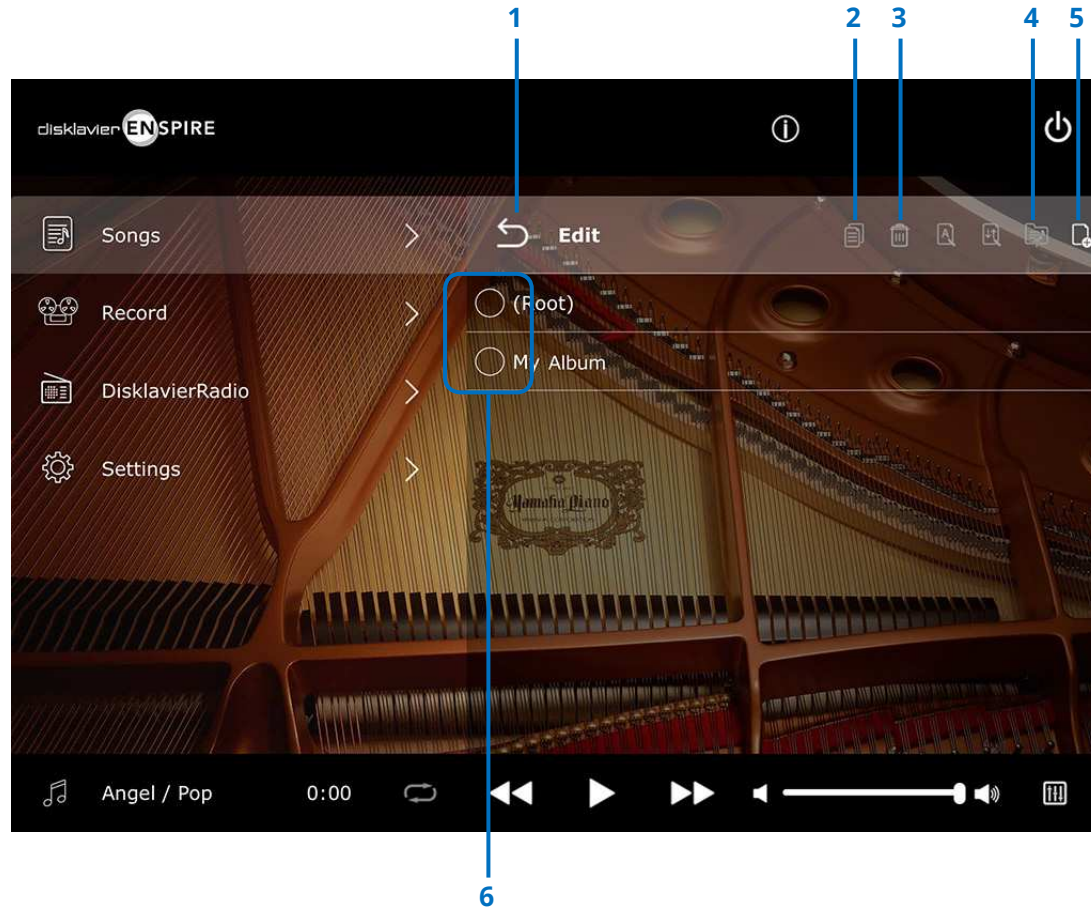
Opens the Edit menu. [More](#)

The unit can recognize the folders up to the third directory. Root directory is recognized as the first directory.

Folders will be listed in the following order:  
first directory (root) > second directory > third directory.

# Editing a PC Sharing Folder

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the PC Sharing Folder screen.

## 2 Copy

Copies the selected folder.

## 3 Delete

Deletes the selected folder.

## 4 Add to playlist

Adds the selected folder to the playlist.

## 5 Create

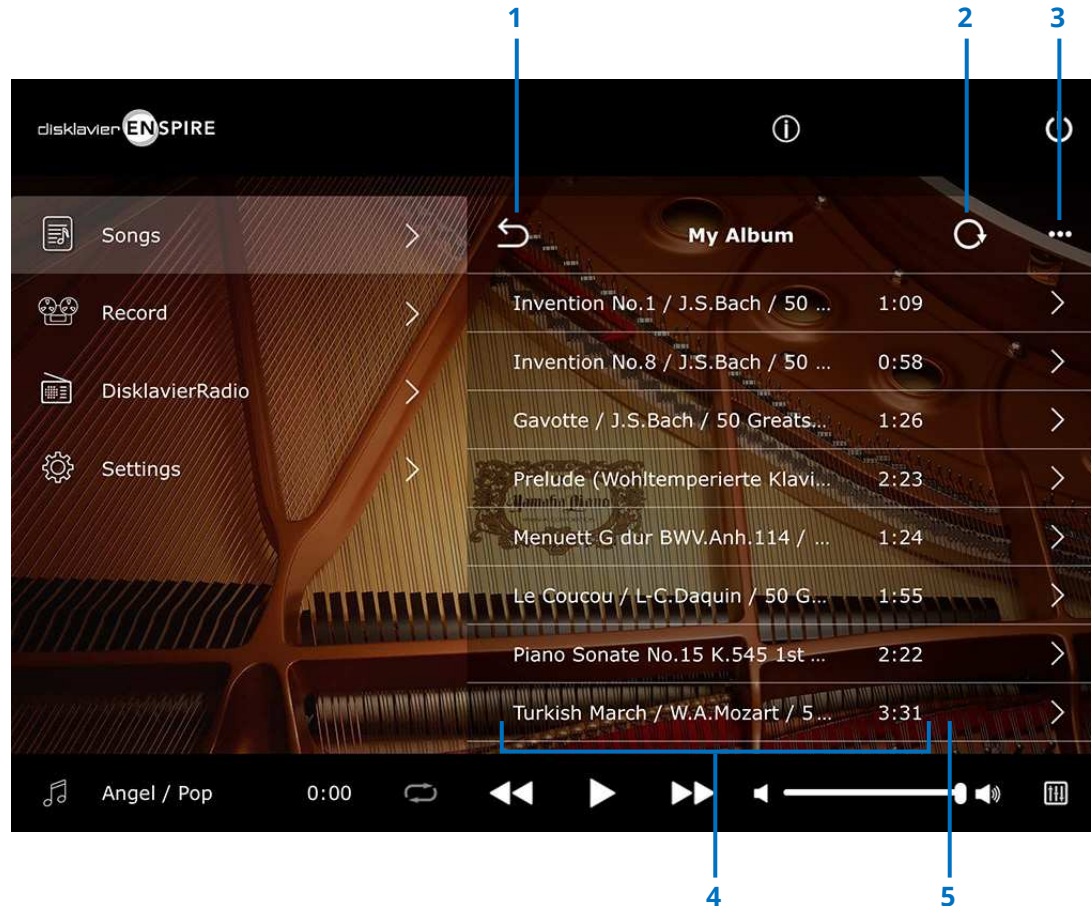
Creates a new folder.

## 6 Radio buttons

Selects the folder you want to edit.

# List of Songs in the PC Sharing Folder

Tapping on the folder in the PC Sharing Folder screen displays the list of songs within the selected folder.



## 1 Return

Returns to the User Folder screen.

## 2 Reload

Reloads the contents in the folder.

## 3 Edit

Opens the Edit menu. [More](#)

## 4 Song information

Shows information of the song:

- Cover art (otherwise default image)
- Song title
- Album title
- Song length

## 5 Song type

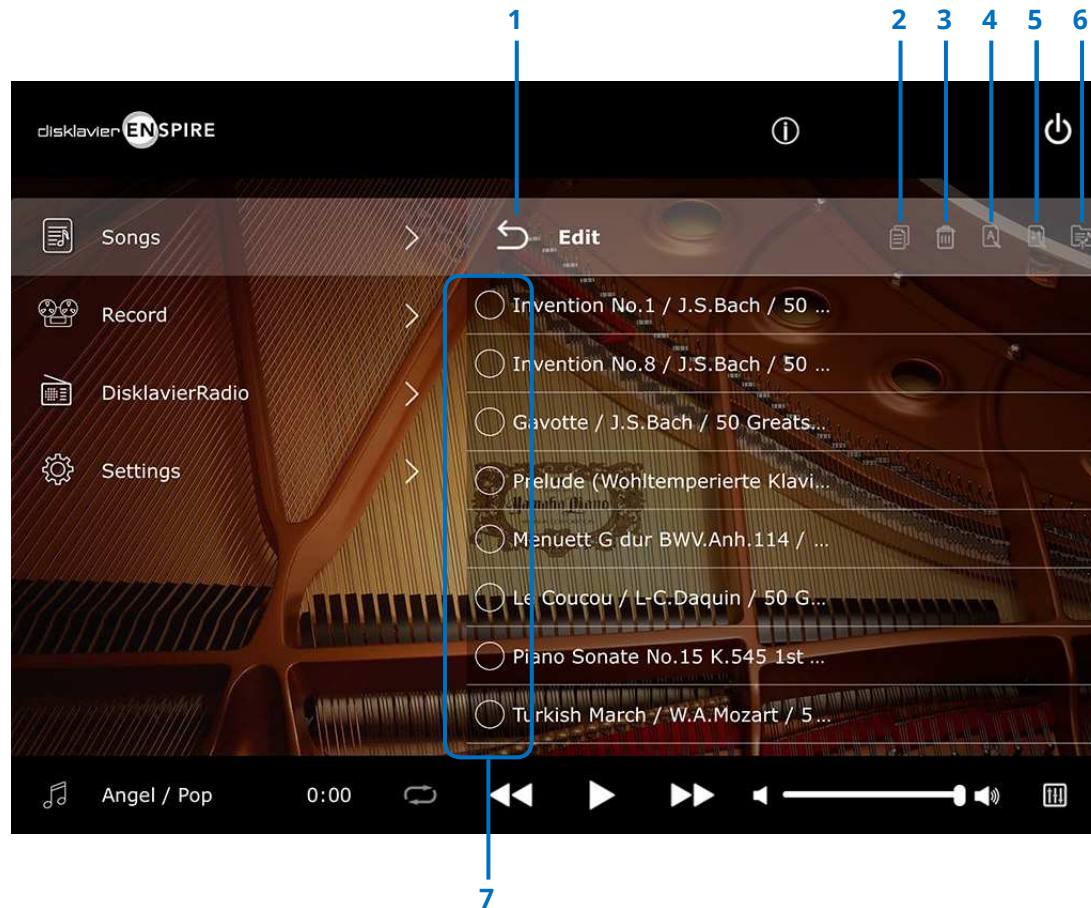
Indicates the song type.

- : songs with audio accompaniment
- [no indication]: other types of song



# Editing a Song in the PC Sharing Folder

Tapping on the edit button opens the Edit menu.



## 1 Return

Returns to the User Folder screen.

## 2 Copy

Copies the selected song.

## 3 Delete

Deletes the selected song.

## 4 Rename

Renames the selected song.

## 5 Sort

Rearranges the order of songs in a folder.

## 6 Add to playlist

Adds the selected song to the playlist.

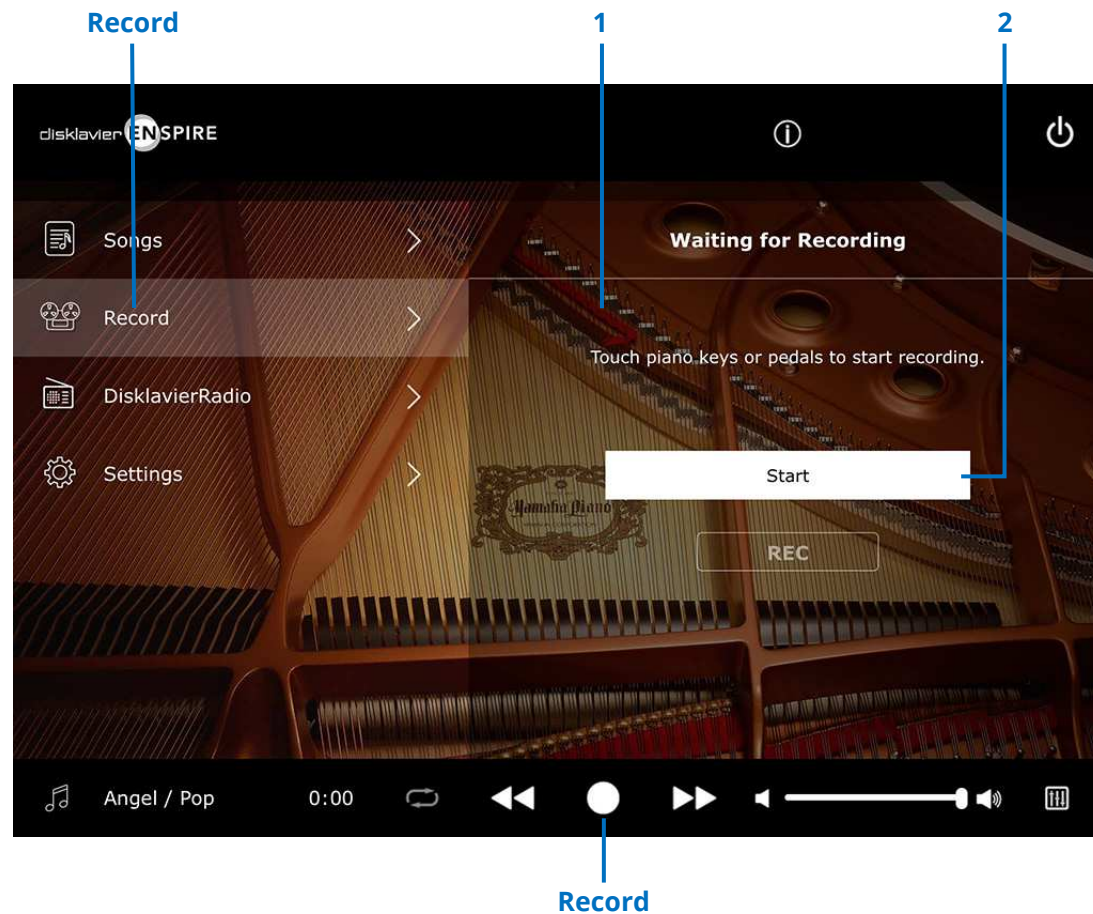
## 7 Radio buttons

Selects the song you want to edit.



# Recording Standby Screen

Tapping on the Record button displays the recording standby screen.



## 1 Recording status

Indicates the recording status.

## 2 Start

Starts recording.

Recording will start as soon as you touch piano keys or pedals, or tap on the Start button. [More](#)

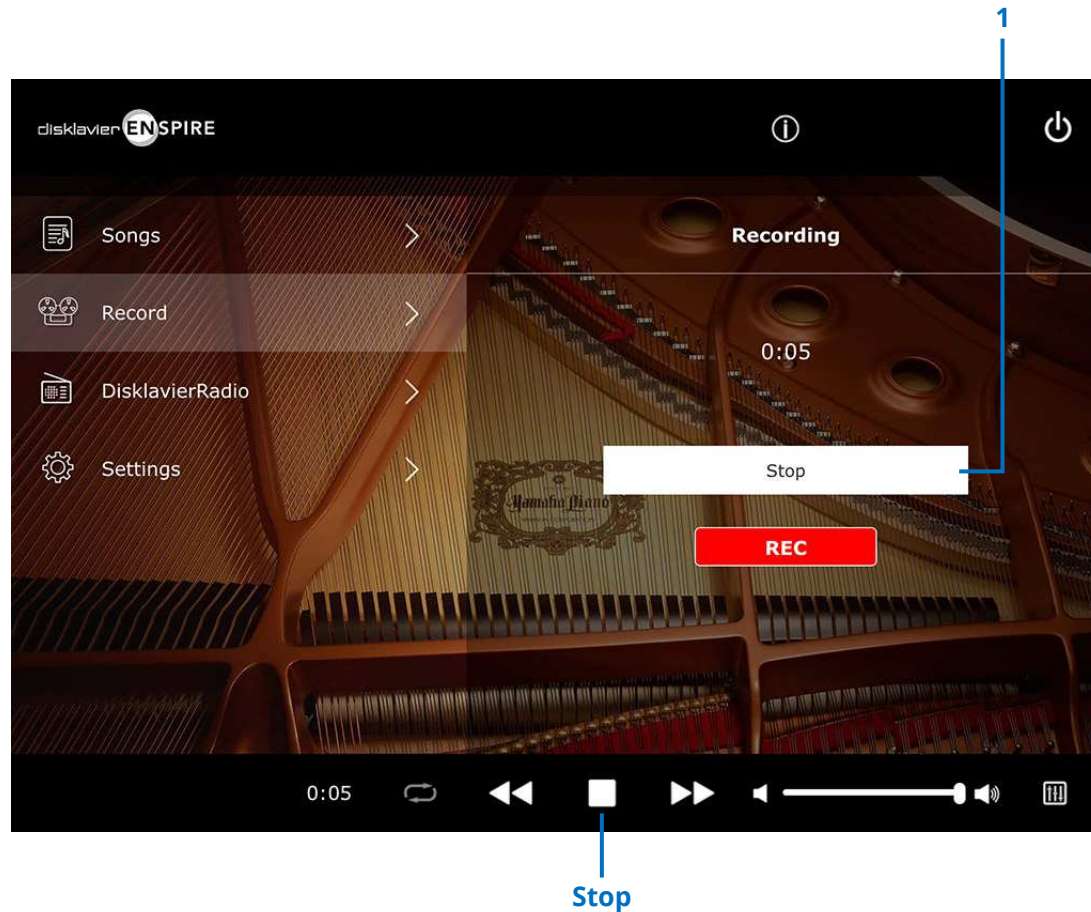
### Note:

Tapping on the record button in the lower area also starts recording.

▶ Continued to next page

# Recording Screen

Once you start recording, the recording screen appears.



## 1 Stop

Stops recording.

Tap on the Stop button when you finish playing your song. The recorded song is saved and loaded. [More](#)

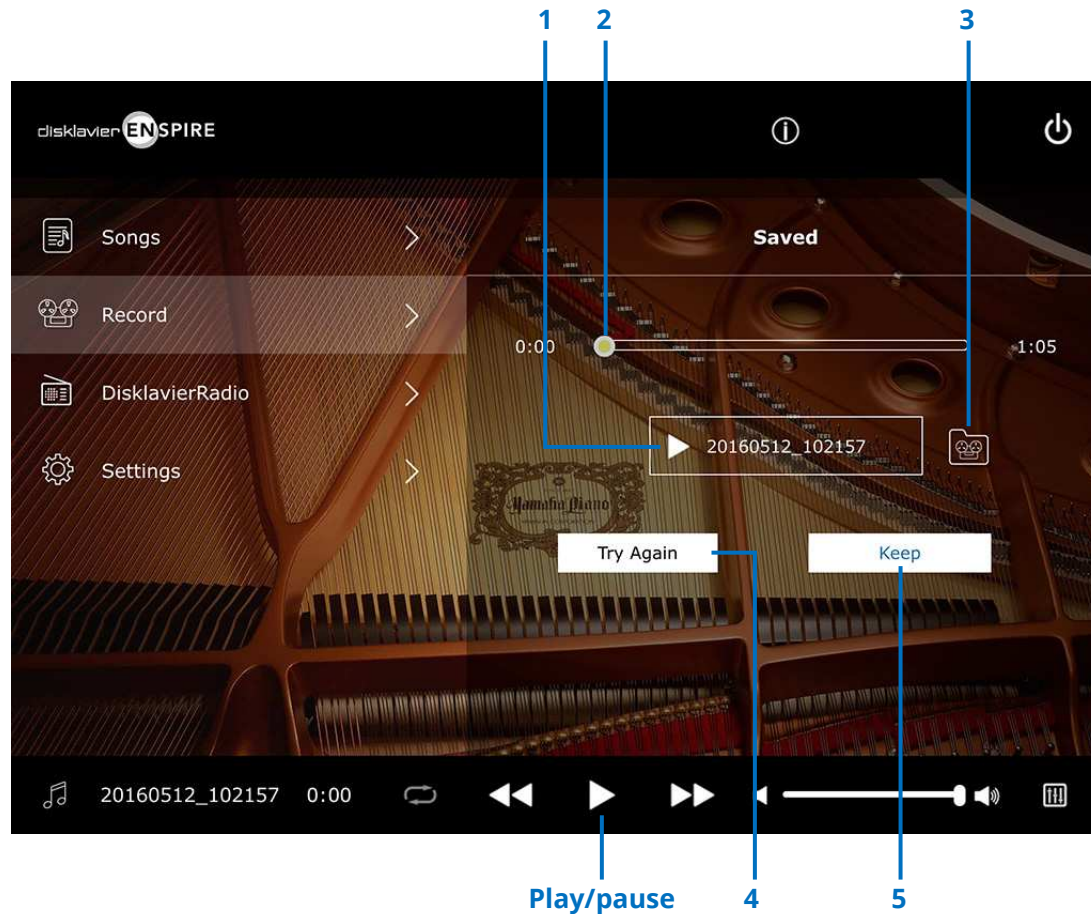
### Note:

Tapping on the stop button in the lower area also stops recording.

▶ Continued to next page

# Saved Screen

The recorded song is saved and loaded after stopping recording.



## 1 Play/pause

Starts or pauses playback of the recorded song.

## 2 Song position

Indicates the playback position. Use the slider to control the playback.

## 3 Temporary

Displays the Temporary Folder screen. [More](#)

## 4 Try Again

Returns to the recording standby screen. [More](#)

## 5 Keep

Opens the Keep pop-up. You can rename the song and move it to the Keep folder. [More](#)

### Note:

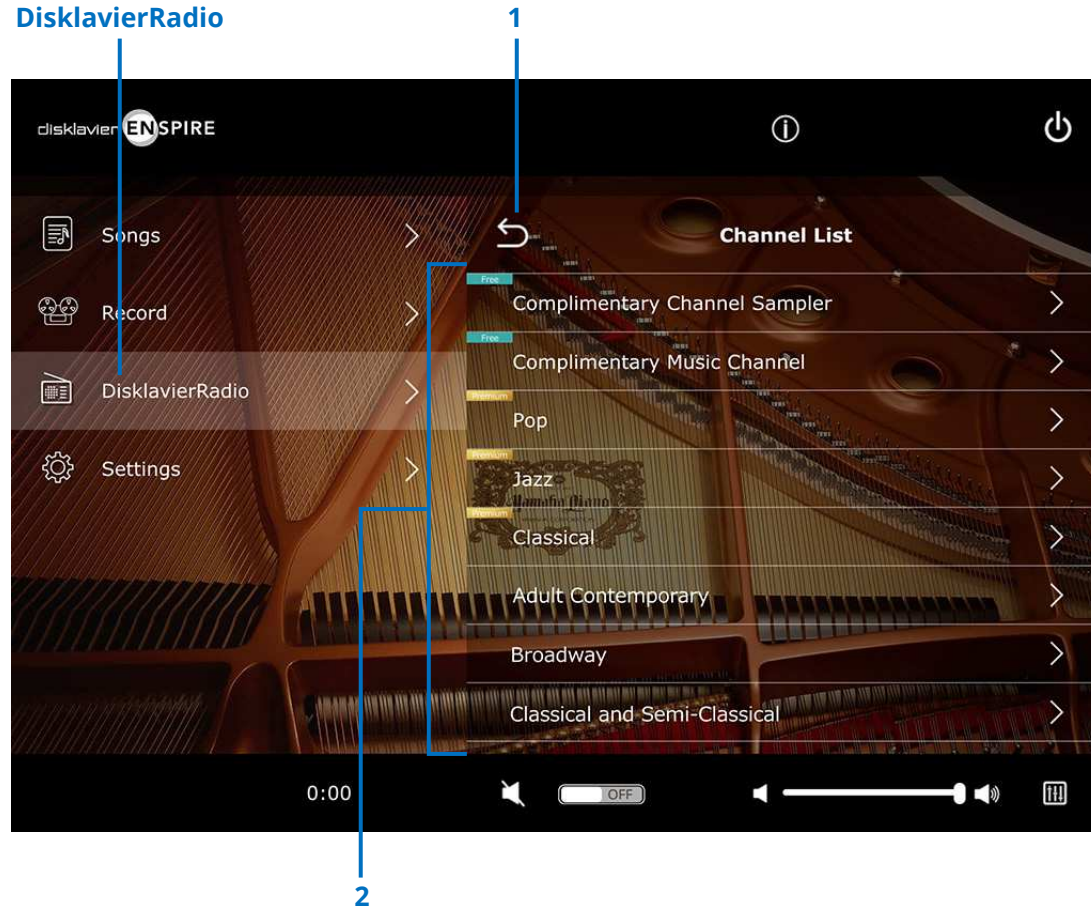
Tapping on the play/pause button in the lower area also starts or pauses playback of the recorded song.



# DisklavierRadio Screen

Tapping on the DisklavierRadio button connects to the server.

If the Disklavier is successfully connected to the server, the channel list of DisklavierRadio appears.



## 1 Return

Disconnects from the server and returns to the playback screen.

## 2 Channel list

Shows the free and pay channels.

### Tapping on the free channel:

The DisklavierRadio playback screen appears. [More](#)

### Tapping on the pay channel:

- If you have logged in and subscribed the service, the DisklavierRadio playback screen appears. [More](#)
- If you have not logged in and/or not subscribed the service, the Information pop-up of the pay channel appears. [More](#)

### Note:

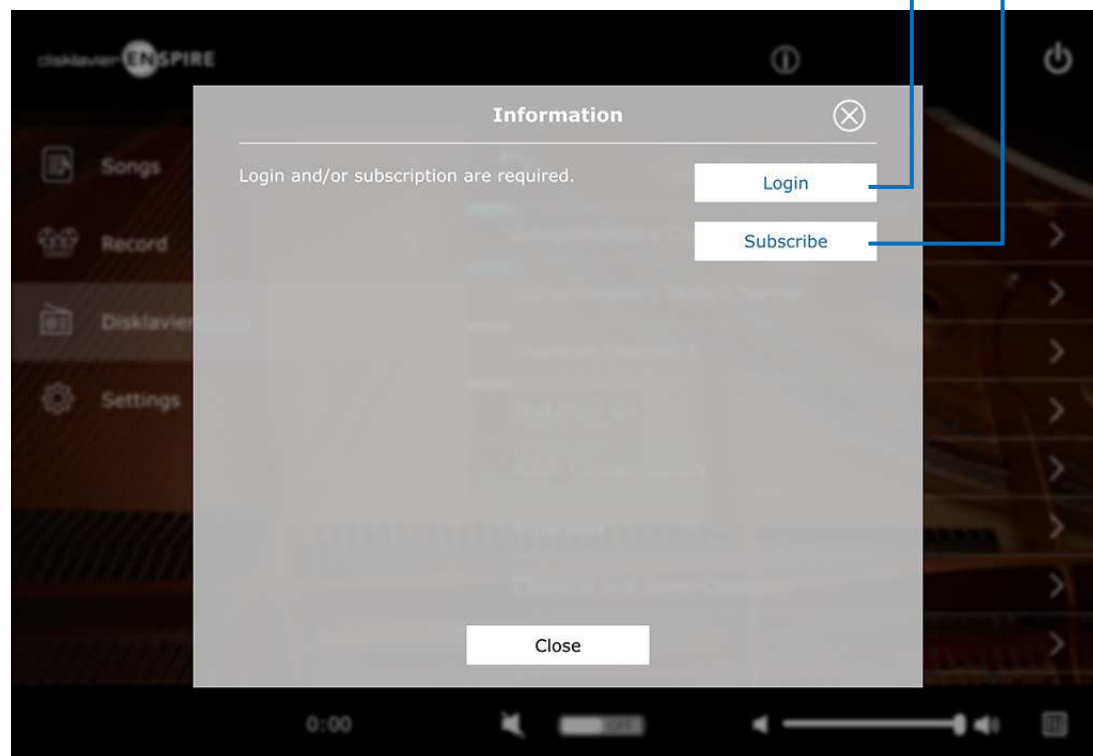
The DisklavierRadio channels are subject to change without prior notice.



# Logging in and/or Subscribing the Service

To listen to the pay channel, you must log in to Yamaha MusicSoft and/or subscribe the service. You can log in and/or subscribe the channel from the Information pop-up below.

(If you have not logged in and/or not subscribed)



## 1 Login

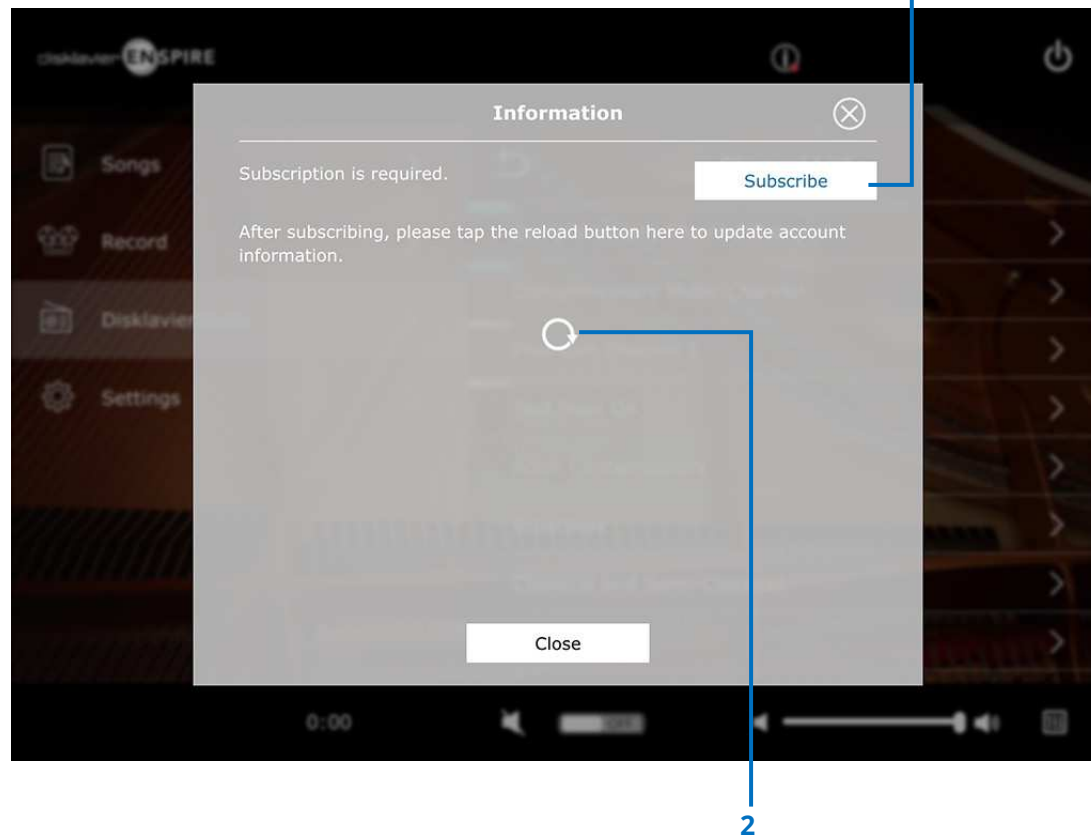
Opens the Login pop-up. You can log in to Yamaha MusicSoft. You need to enter your email address and password.

## 2 Subscribe

Opens the subscription page on the Yamaha MusicSoft website in a separate browser tab.

# Logging in and/or Subscribing the Service

(If you have not subscribed)



## 1 Subscribe

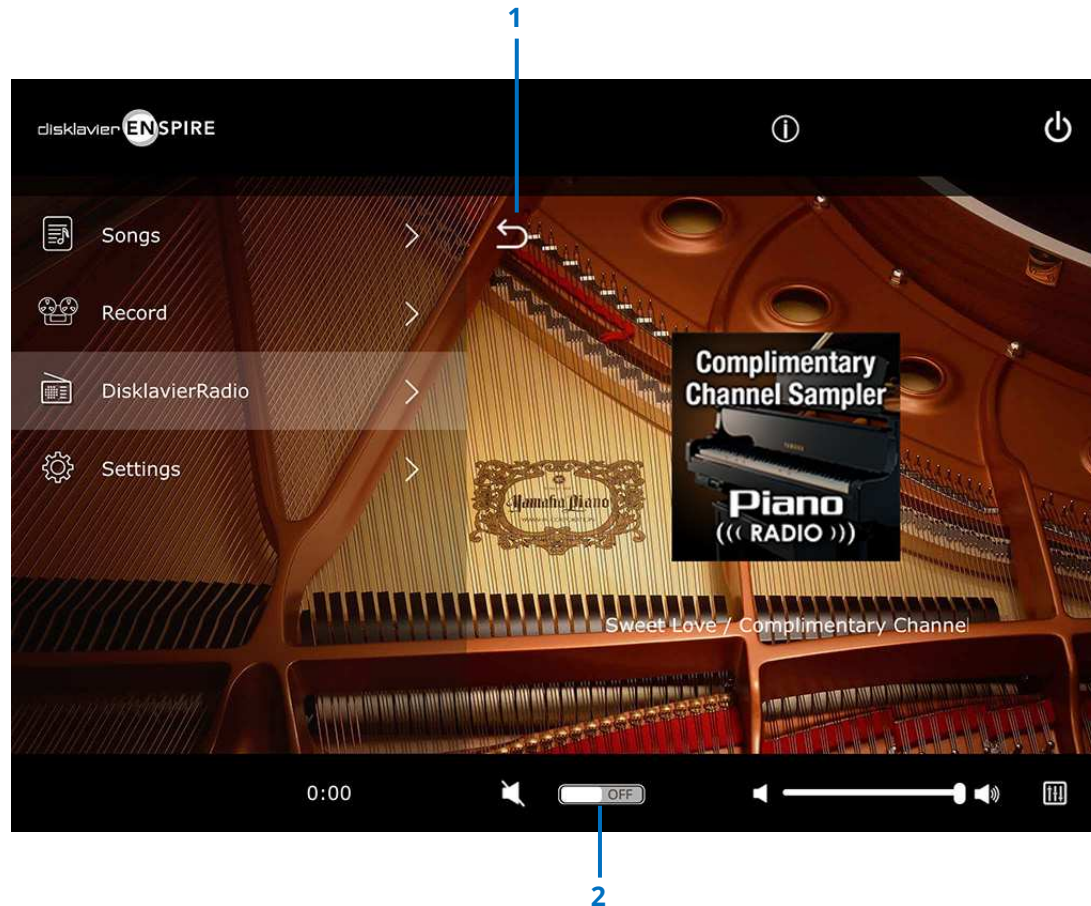
Opens the subscription page on the Yamaha MusicSoft website in a separate browser tab.

## 2 Reload

Reloads your account information.

# DisklavierRadio Playback Screen

Selecting the channel displays the DisklavierRadio playback screen.



## 1 Return

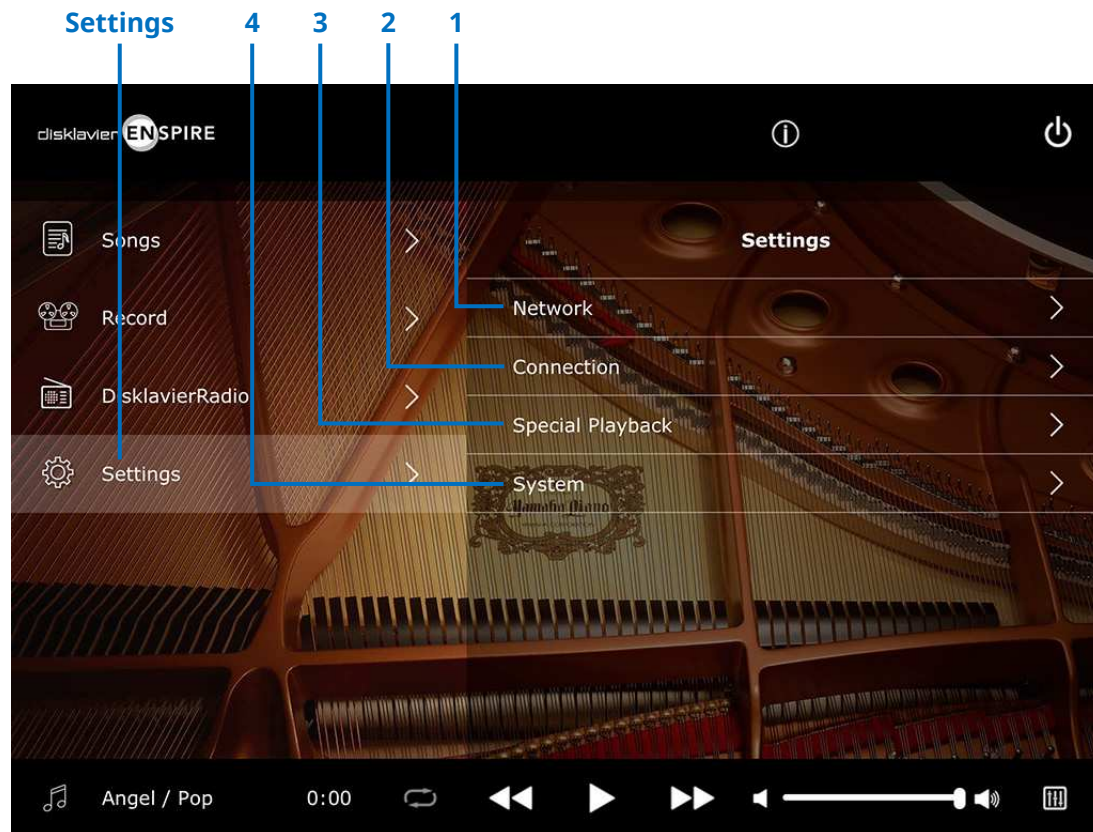
Returns to the DisklavierRadio screen.

## 2 Play/mute

Mutes or unmutes the DisklavierRadio playback.

# Settings Screen

Tapping the Settings button displays the Settings screen.



## 1 Network

Displays the Network screen. [More](#)

## 2 Connection

Displays the Connection screen. [More](#)

## 3 Special Playback

Displays the Special Playback screen. [More](#)

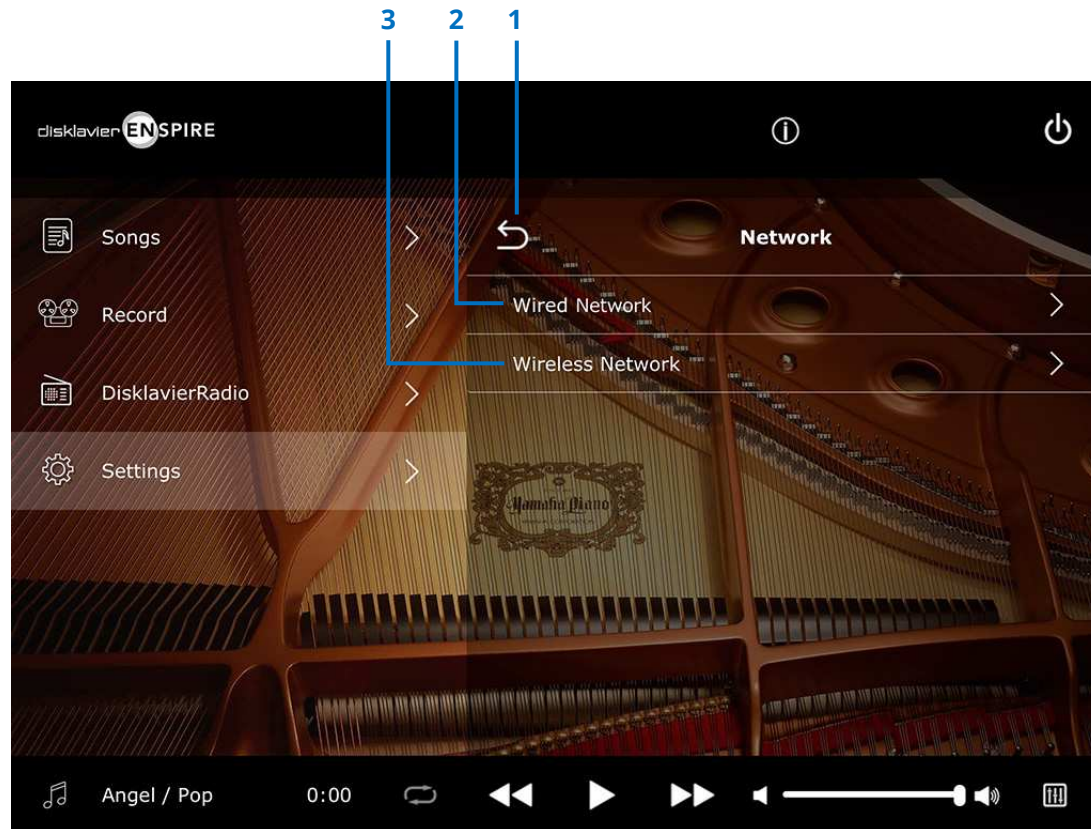
## 4 System

Displays the System screen. [More](#)



# Network Screen

Tapping the Network button displays the Network screen.



## 1 Return

Returns to the Settings screen.

## 2 Wired Network

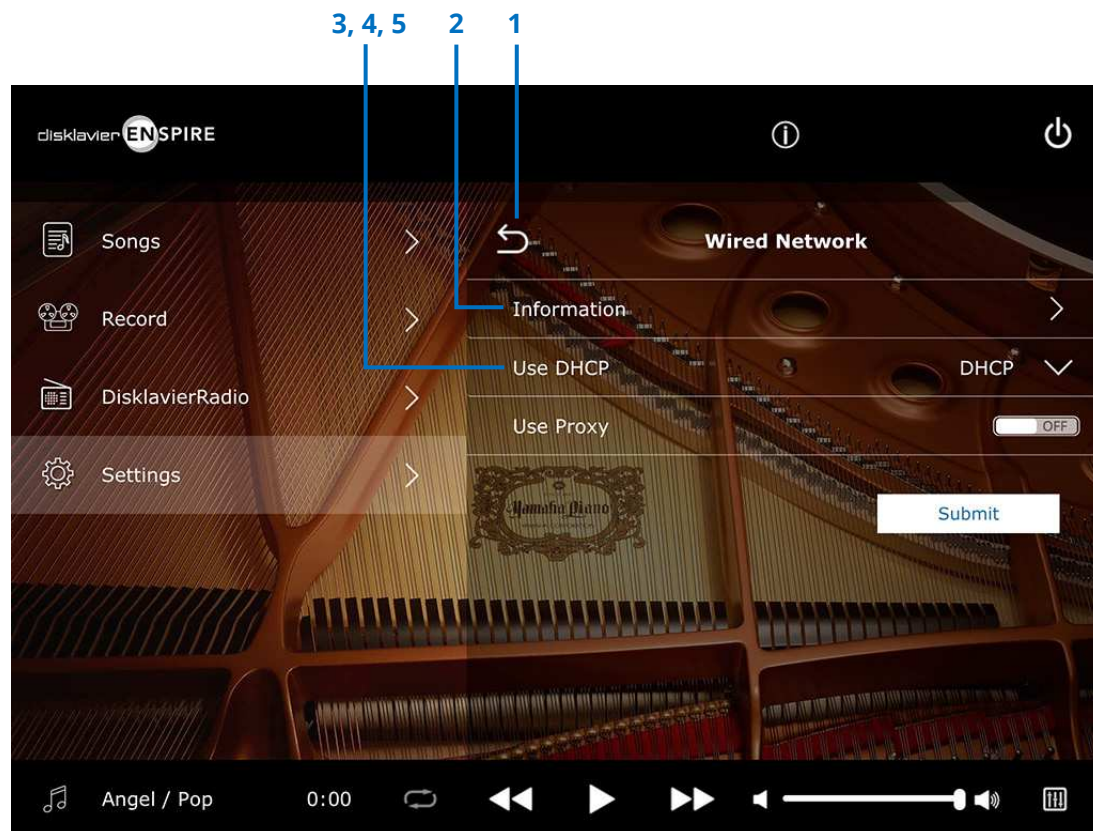
Displays the Wired Network screen. [More](#)

## 3 Wireless Network

Displays the Wireless Network screen. [More](#)

# Setting the Disklavier for the Wired Network Connection

Tapping the Wired Network button displays the Wired Network screen.  
You can change various settings related to the wired network connection.



**Note:**

For information about DNS server address, IP address, subnet mask and gateway server address, please inquire of your Internet service provider.

## 1 Return

Returns to the Network screen.

## 2 Information

Displays the Wired Network Information screen. You can confirm the information of wired network settings.

## 3 Use DHCP

Selects the method to determine several addresses. If your router has the DHCP server function, we recommend that you to select "DHCP" or "DHCP+DNS."

Setting "Use DHCP" to "DHCP+DNS" or "Manual" displays the following items:

## 4 DNS1/DNS2

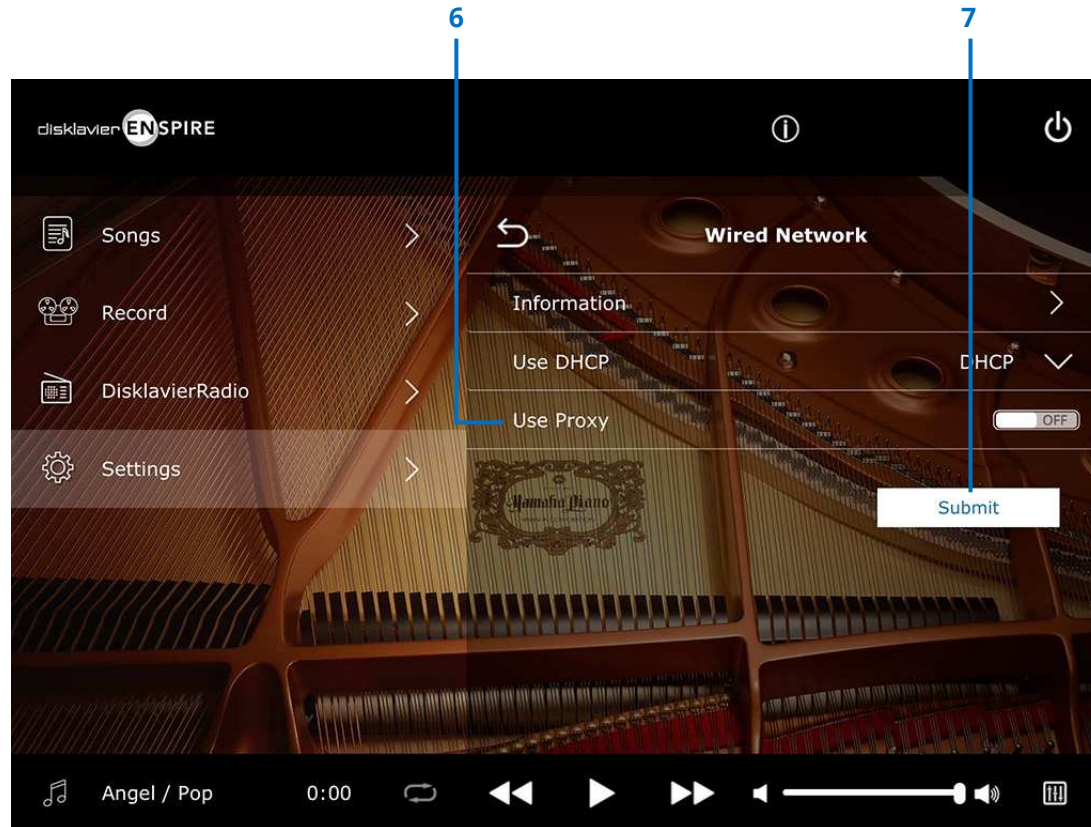
Enters the address of the primary and secondary DNS server. These settings must be made when "Use DHCP" is set to "DHCP+DNS" or "Manual."

## 5 IP Address/Subnet Mask/Gateway

Enter the address of the unit, subnet mask and gateway server. These settings must be made when "Use DHCP" is set to "Manual."

▶ Continued to next page

# Setting the Disklavier for the Wired Network Connection



## 6 Use Proxy

Selects whether to use proxy. When set to ON, enter the name and the port number for the proxy server. These settings are necessary only when a proxy server is located in your local network.

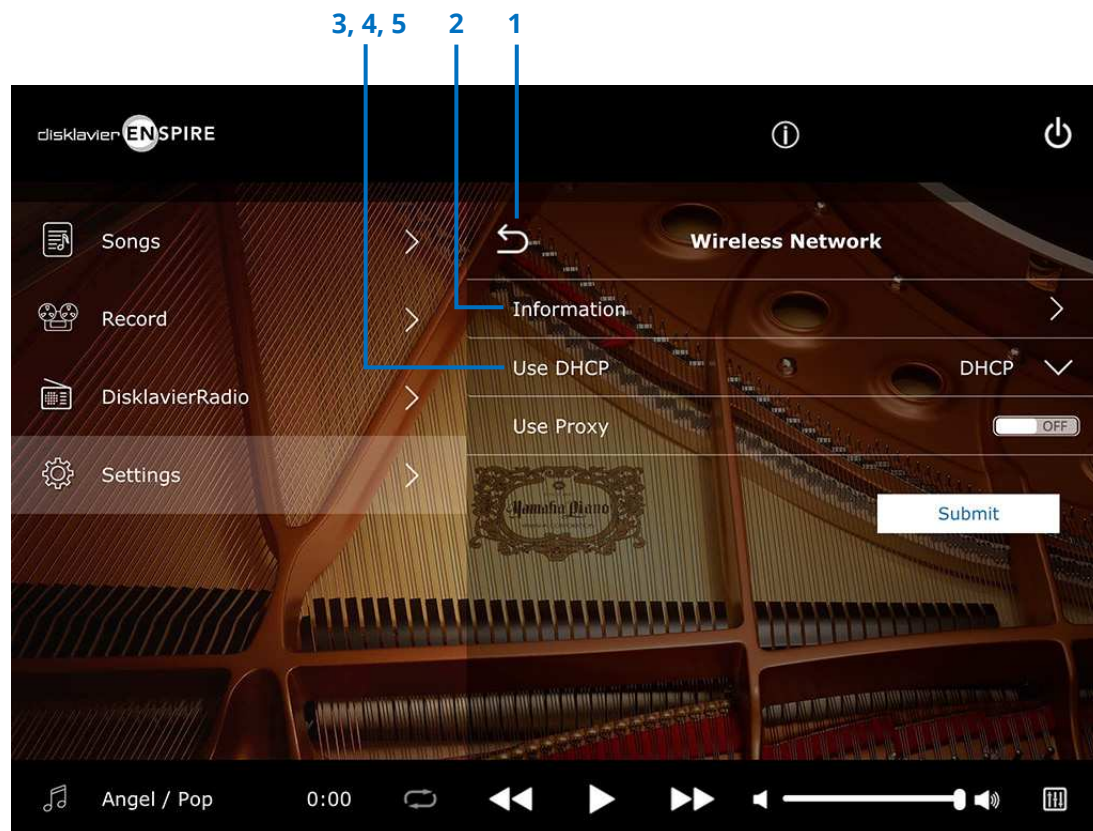
## 7 Submit

Confirms the settings made.



# Setting the Disklavier for the Wireless Network Connection

Tapping the Wireless Network button displays the Wireless Network screen.  
You can change various settings related to the wireless network connection.



**Note:**

For information about DNS server address, IP address, subnet mask and gateway server address, please inquire of your Internet service provider.

## 1 Return

Returns to the Network screen.

## 2 Information

Displays the Wireless Network Information screen. You can confirm the information of wireless network settings.

## 3 Use DHCP

Selects the method to determine several addresses. If your router has the DHCP server function, we recommend that you to select "DHCP" or "DHCP+DNS."

Setting "Use DHCP" to "DHCP+DNS" or "Manual" displays the following items:

## 4 DNS1/DNS2

Enters the address of the primary and secondary DNS server. These settings must be made when "Use DHCP" is set to "DHCP+DNS" or "Manual."

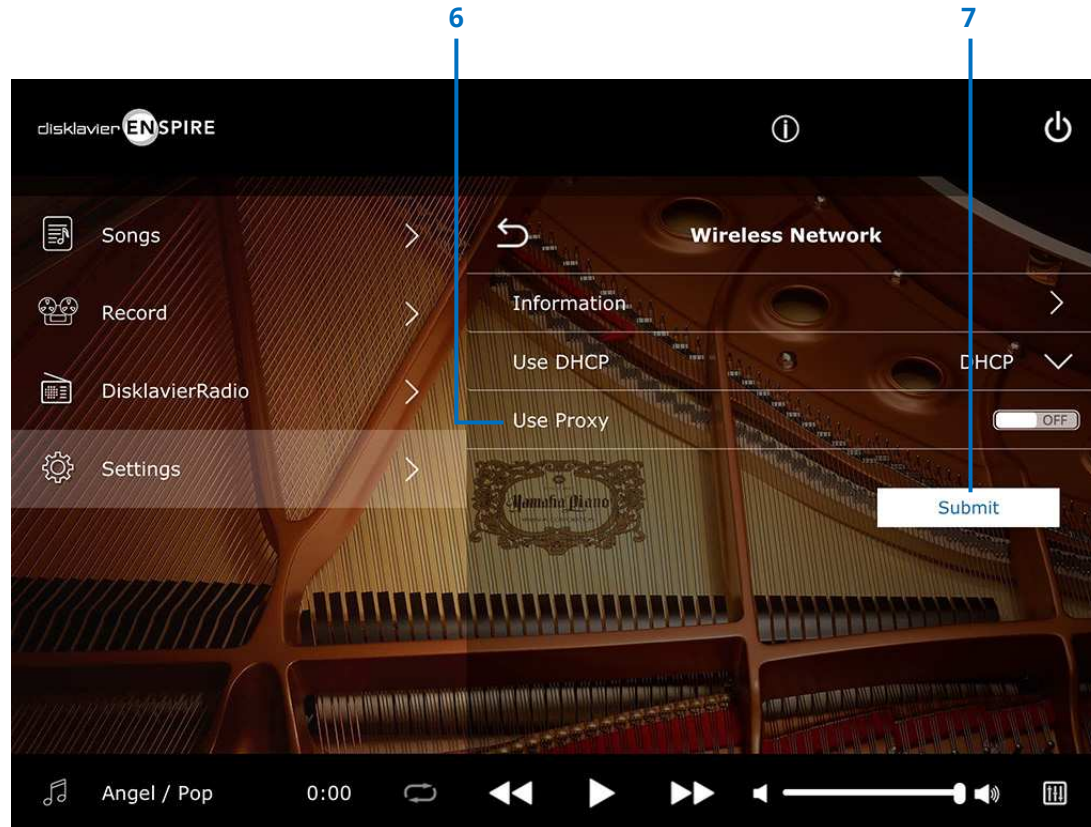
## 5 IP Address/Subnet Mask/Gateway

Enter the address of the unit, subnet mask and gateway server. These settings must be made when "Use DHCP" is set to "Manual."

▶ Continued to next page



# Setting the Disklavier for the Wireless Network Connection



## 6 Use Proxy

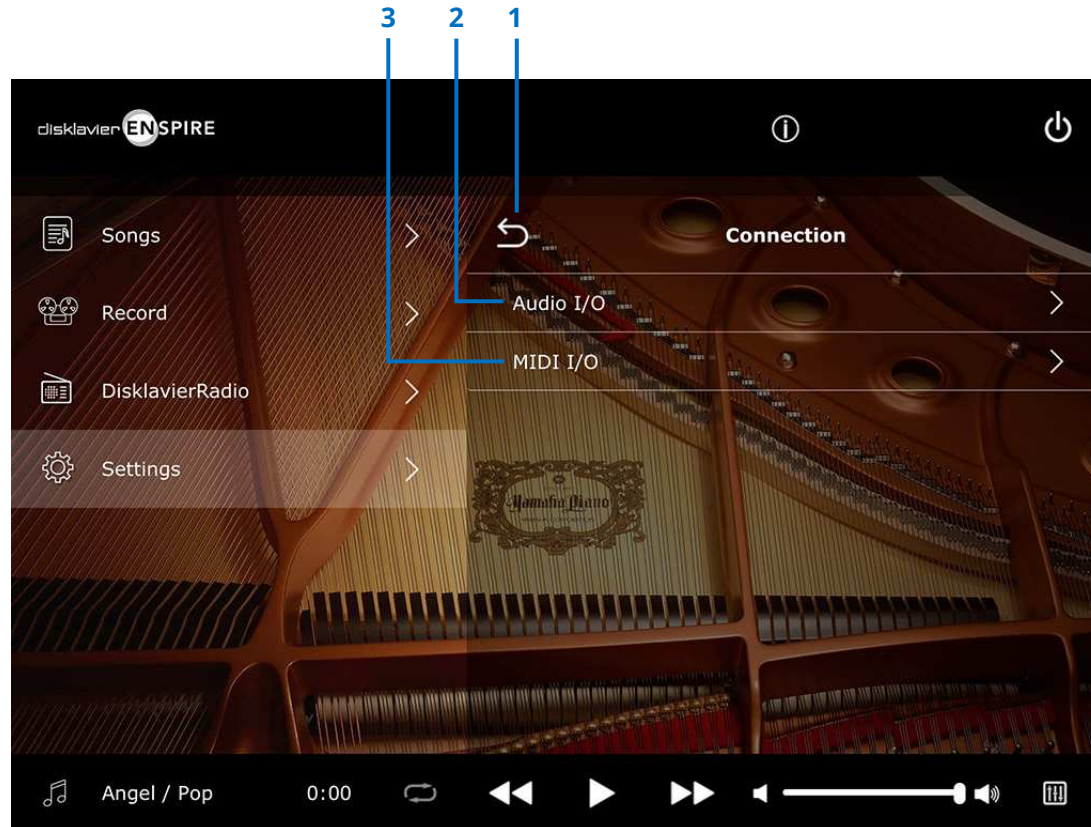
Selects whether to use proxy. When set to ON, enter the name and the port number for the proxy server. These settings are necessary only when a proxy server is located in your local network.

## 7 Submit

Confirms the settings made.

# Connection Screen

Tapping the Connection button displays the Connection screen.



## 1 Return

Returns to the Settings screen.

## 2 Audio I/O

Displays the Audio I/O screen. [More](#)

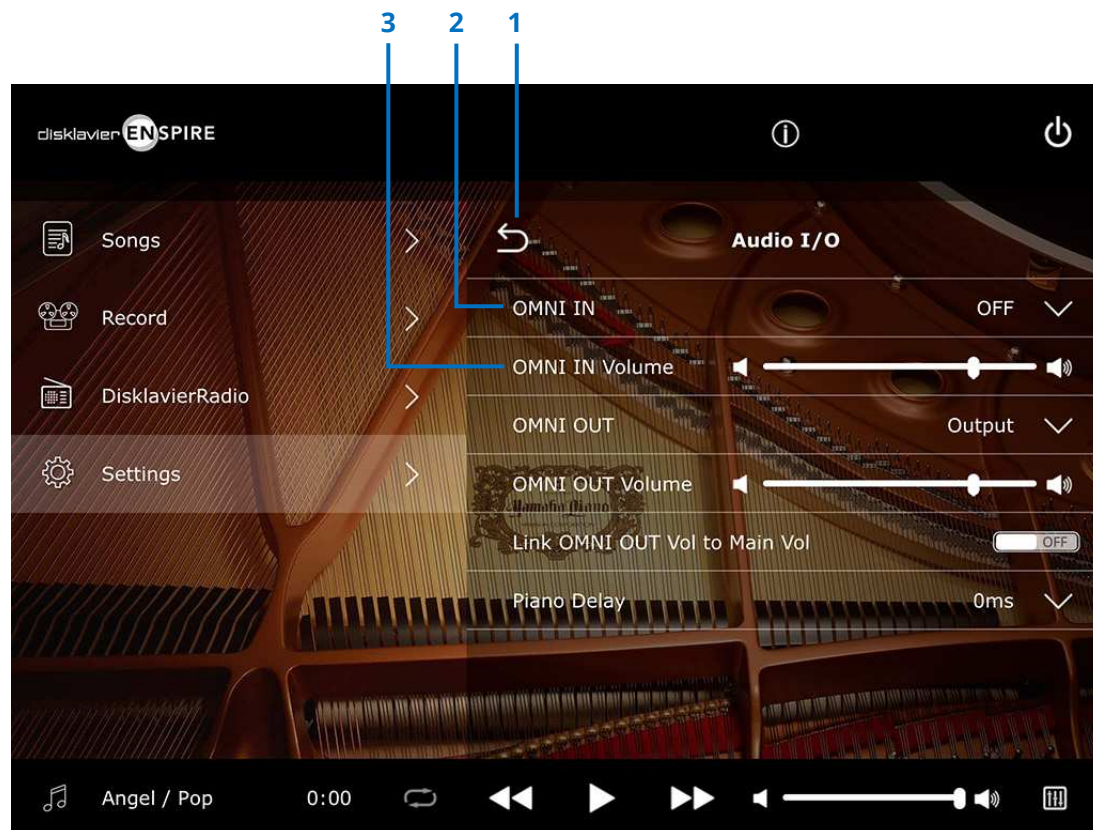
## 3 MIDI I/O

Displays the MIDI I/O screen. [More](#)

# Setting the Disklavier for Audio Reception/Transmission

Tapping the Audio I/O button displays the Audio I/O screen.

You can select the kind of the incoming/outgoing audio signals. The following options should be set up in advance.



## 1 Return

Returns to the Connection screen.

## 2 OMNI IN

Selects the appropriate option to match the audio input to the OMNI IN jacks.

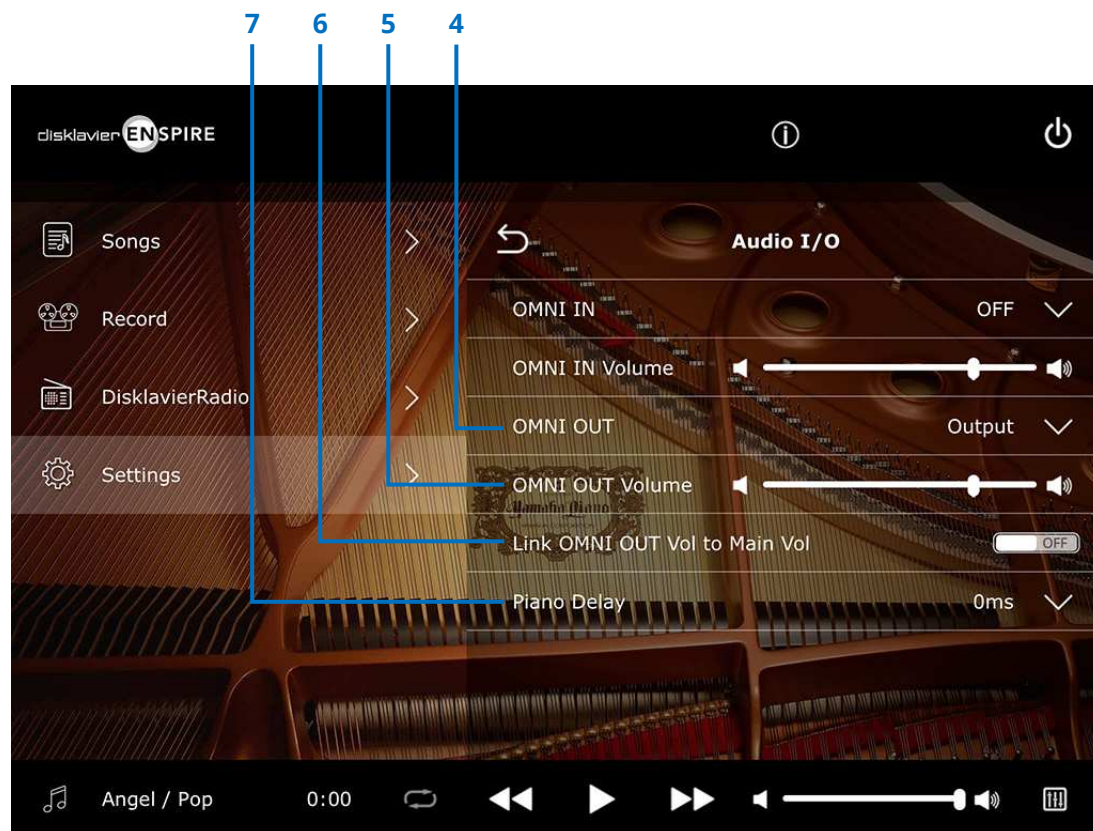
- **OFF:** cancels the audio reception to the OMNI IN jacks
- **Audio:** plays back audio from a connected audio device and reproduces the sound from the monitor speaker(s)

## 3 OMNI IN Volume

Adjusts the volume of the incoming audio signals to the OMNI IN jacks. The volume can be adjusted in a range of 0 to 127 (default: 100).



# Setting the Disklavier for Audio Reception/Transmission



## 4 OMNI OUT

Selects the desired audio to be output from the OMNI OUT jacks.

- **Output:** outputs the same audio signals as the ones for the monitor speaker(s)
- **Output+PianoTG:** outputs the ensemble and piano parts
- **PianoTG:** output only the piano part
- **OFF:** cancels the audio transmission from the OMNI OUT jacks

## 5 OMNI OUT Volume

Adjust the volume of the outgoing audio signals from the OMNI OUT jacks. The volume can be adjusted in a range of 0 to 127 (default: 100).

## 6 Link OMNI OUT Vol to Main Vol

Links the OMNI OUT Volume to the main volume. When set to ON, the OMNI OUT Volume works with the main volume.

## 7 Piano Delay

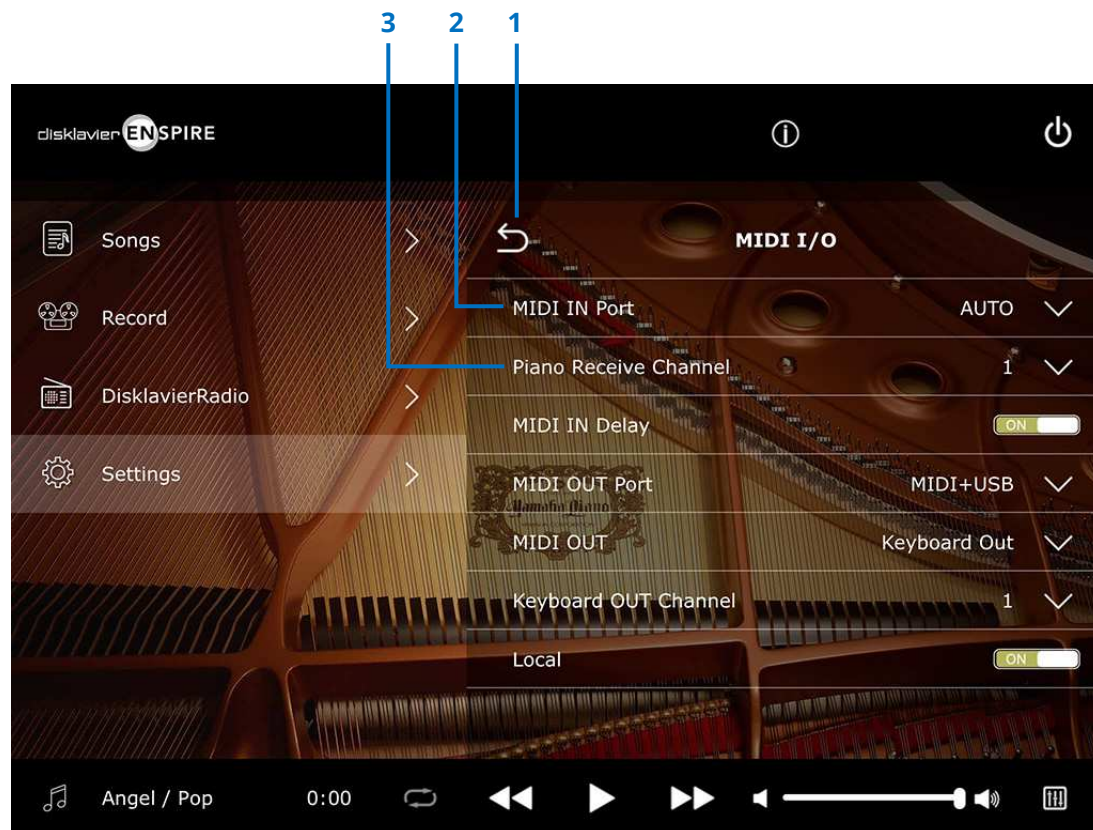
Applies a delay to piano playback to eliminate the delay between the output from the speakers and piano playback. The delay can be set in a range of 0 ms to 100 ms.



# Setting the Disklavier for MIDI Data Reception/Transmission

Tapping the MIDI I/O button displays the MIDI I/O screen.

You can select the kind of the incoming/outgoing MIDI signals. The following options should be set up in advance.



## 1 Return

Returns to the Connection screen.

## 2 MIDI IN Port

Selects the jack/port used for the data reception.

- **Auto:** has the Disklavier detect the input signal automatically (only for grand pianos)
- **MIDI:** receives the MIDI signal from the MIDI device connected to the MIDI IN jack (only for grand pianos)
- **USB:** receives the MIDI signal from the MIDI device connected to the USB port

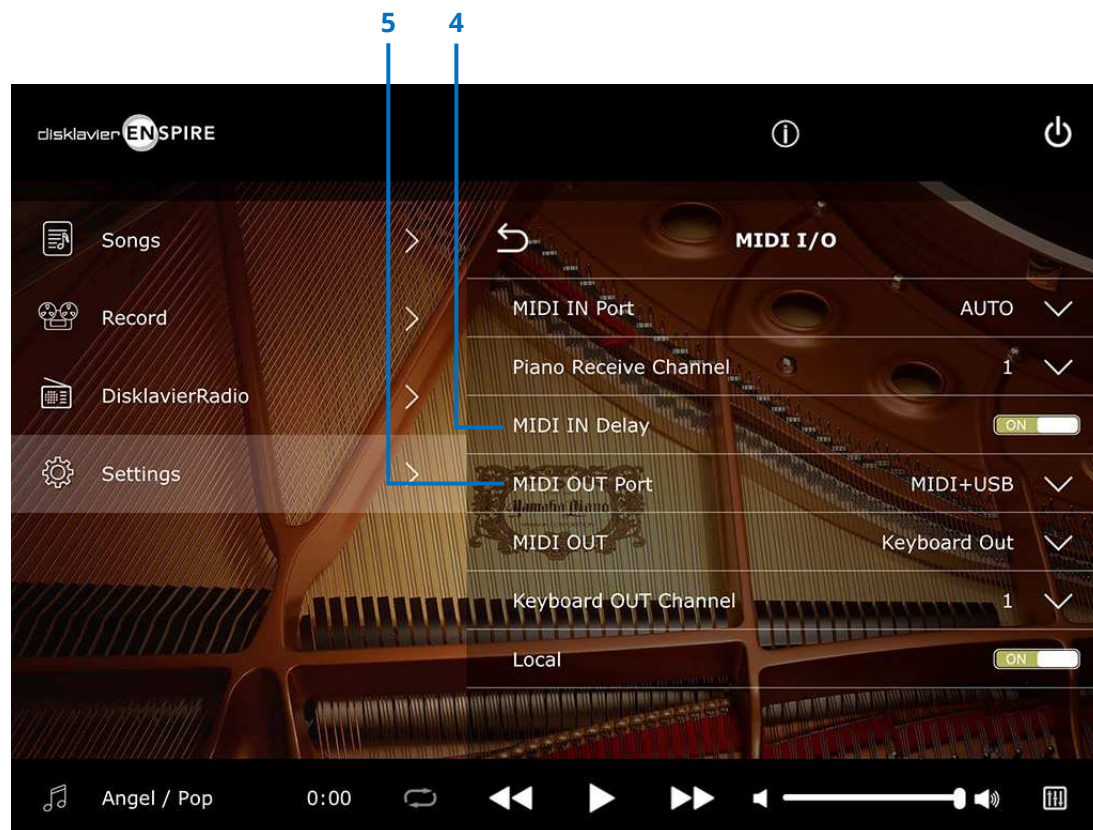
## 3 Piano Receive Channel

Assigns the desired channel(s) to the piano part(s) that is (are) played back on the Disklavier's keyboard.

- **1-16:** assigns the piano part to the desired channel
- **1 and 2:** assigns the piano part to "1" and "2" channels
- **Program:** selects the smallest number channel assigned to the piano group voice to be played on the Disklavier
- **Program All:** selects all channels to the piano group voice to be played on the Disklavier

▶ Continued to next page

# Setting the Disklavier for MIDI Data Reception/Transmission



## 4 MIDI IN Delay

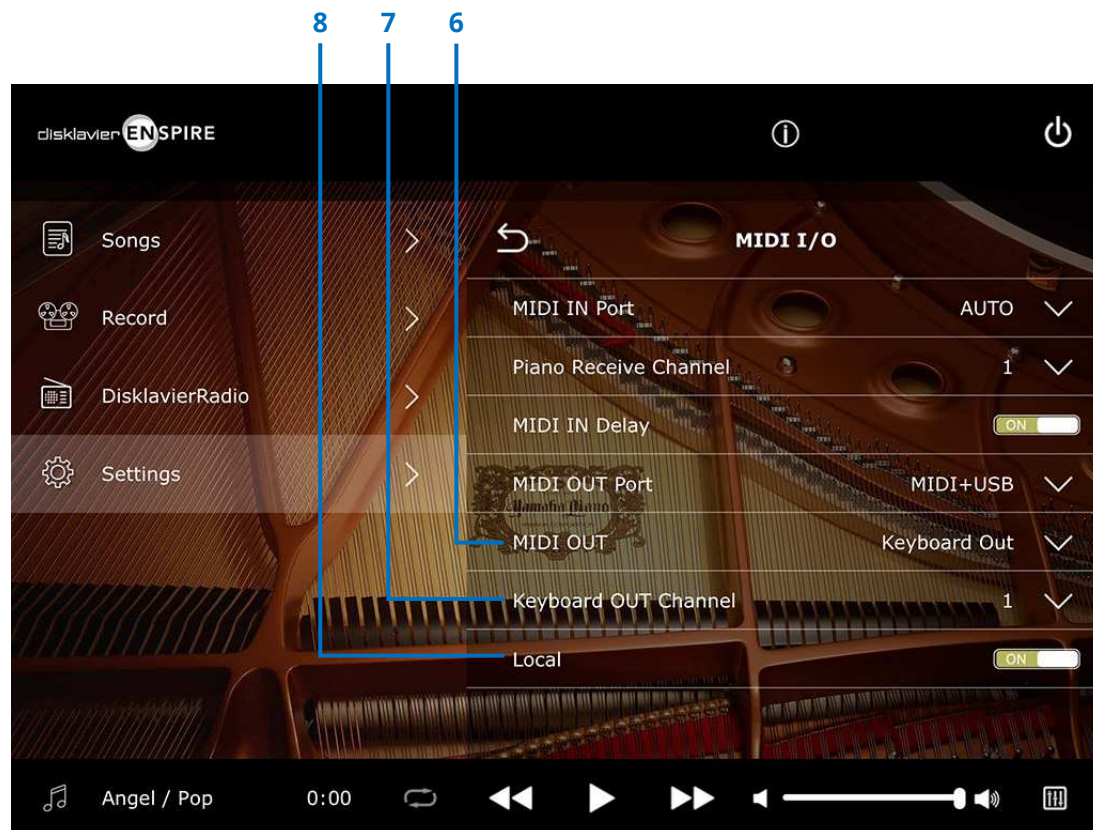
Applies a delay to the incoming MIDI data to eliminate the delay occurred in the sound production of the weak and strong notes. When set to ON, a delay is applied to the incoming MIDI data so that the notes are sounded in accurate timing at 500 milliseconds after the data reception.

## 5 MIDI OUT Port

Selects the jack/port used for the data transmission.

- **MIDI+USB:** transmits the MIDI signal to the MIDI device connected to the MIDI OUT jack and the USB port (only for grand pianos)
- **MIDI:** transmits the MIDI signal to the MIDI device connected to the MIDI OUT jack (only for grand pianos)
- **USB:** transmits the MIDI signal to the MIDI device connected to the USB port

# Setting the Disklavier for MIDI Data Reception/Transmission



## 6 MIDI OUT

Selects the parts to be transmitted to the connected MIDI device.

- **Keyboard Out:** transmits the piano part played on the Disklavier
- **Ensemble Out:** transmits the ensemble part played back on the Disklavier

Setting "MIDI OUT" to "Keyboard Out" displays the following items:

## 7 Keyboard Out Channel

Assigns the piano part to the desired channels.

- **1-16:** assigns the piano part to the desired channel

## 8 Local

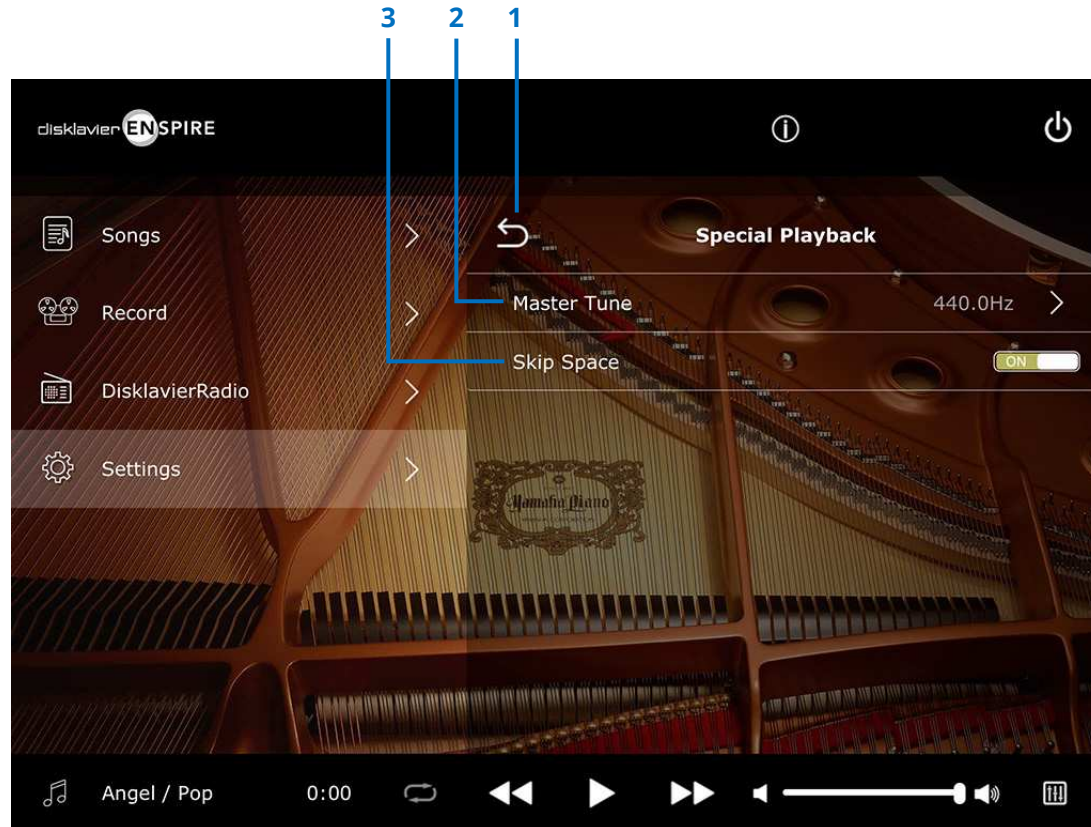
Selects whether you reproduce or not the piano part playing with the Disklavier's internal tone generator.

- **ON:** reproduces the piano part with the Disklavier's internal tone generator
- **OFF:** reproduces the song (played on the Disklavier) on the external MIDI device, and deactivates the internal tone generator to prevent both the internal and external tone generator sound at the same time



# Special Playback Screen

Tapping the Special Playback button displays the Special Playback screen.



## 1 Return

Returns to the Settings screen.

## 2 Master Tune

Displays the Master Tune screen. You can fine tune the pitch of the tone generator and audio in 0.2 Hz increments, and match it to the pitch of an acoustic piano. The pitch can be adjusted in a range of 414.8 Hz to 466.8 Hz (default: 440.0 Hz). This is useful when you play the piano with other instruments.

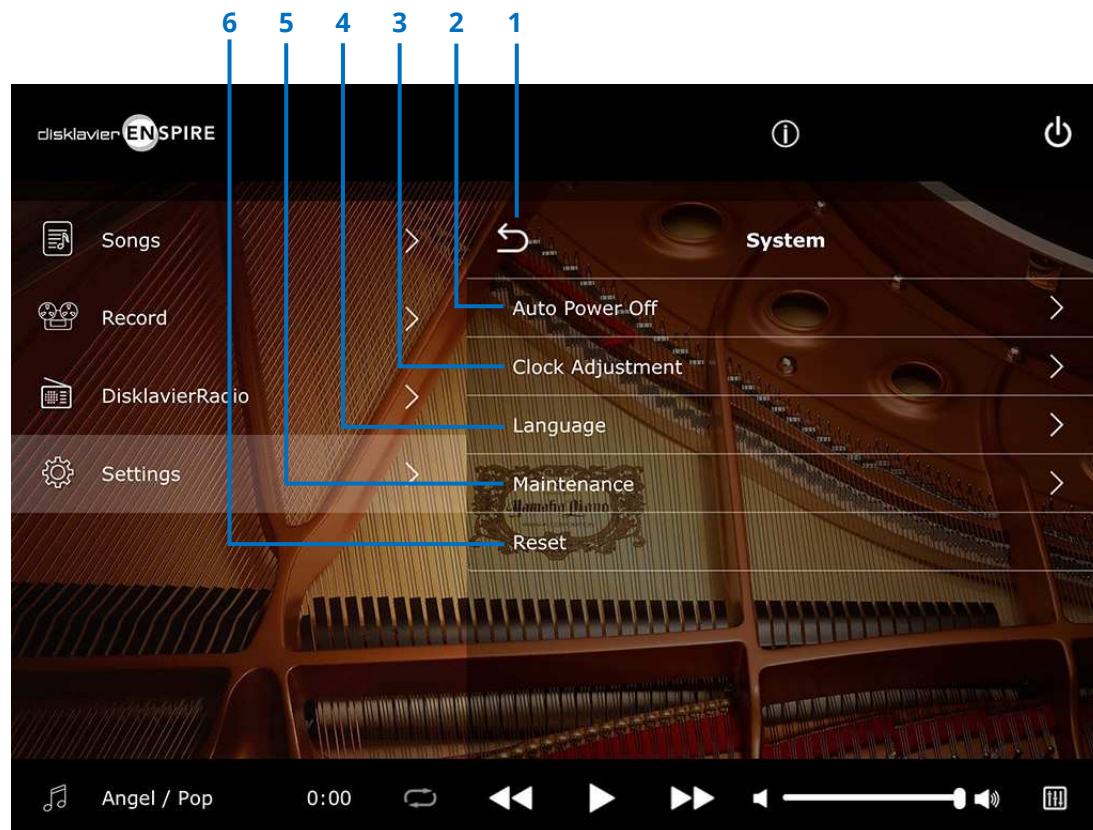
## 3 Skip Space

Turns on or off the skip space function. When there is a blank part at the beginning of the song, turning ON this function automatically skips the unwanted part and starts playback from the actual beginning of the song.



# System Screen

Tapping the System button displays the System screen.



**Note:**

Do not execute the diagnostics from the Maintenance screen with no instructions from the service personnel.

## 1 Return

Returns to the Settings screen.

## 2 Auto Power Off

Displays the Auto Power Off screen. You can specify the amount of time for the auto power off function.

## 3 Clock Adjustment

Displays the Clock Adjustment screen. You can adjust the internal clock and set the time zone for your area.

## 4 Language

Displays the Language screen. You can switch the languages for the app screen between English and Japanese.

## 5 Maintenance

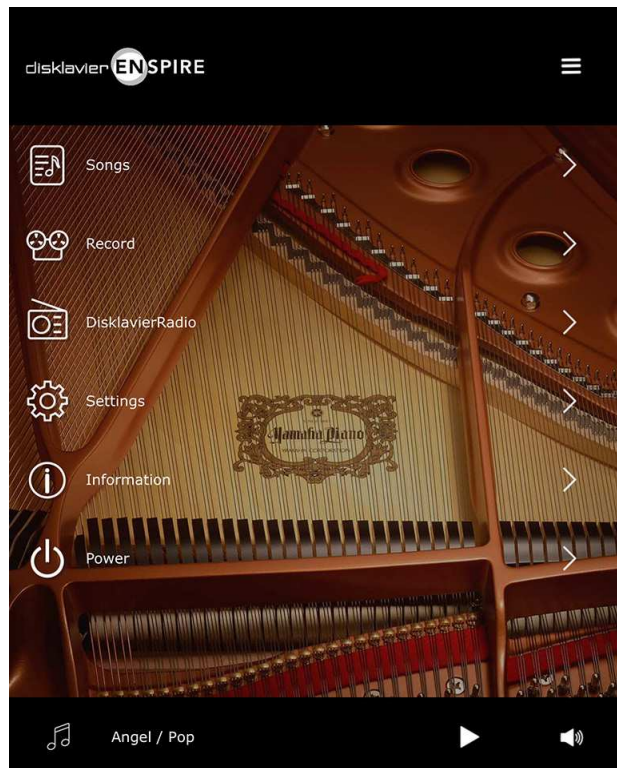
Displays the Maintenance screen. The diagnostics may be required as the occasion demands. In such a case, perform the diagnostics from this screen.

## 6 Reset

Opens the Reset pop-up. You can reset your Disklavier to its initial factory settings from this pop-up.

# Screen Layout in Portrait View

Menu screen



The upper area includes the following controls:

- **Logo:** displays the menu screen
- **Menu:** displays the menu screen

The middle area includes the following controls:

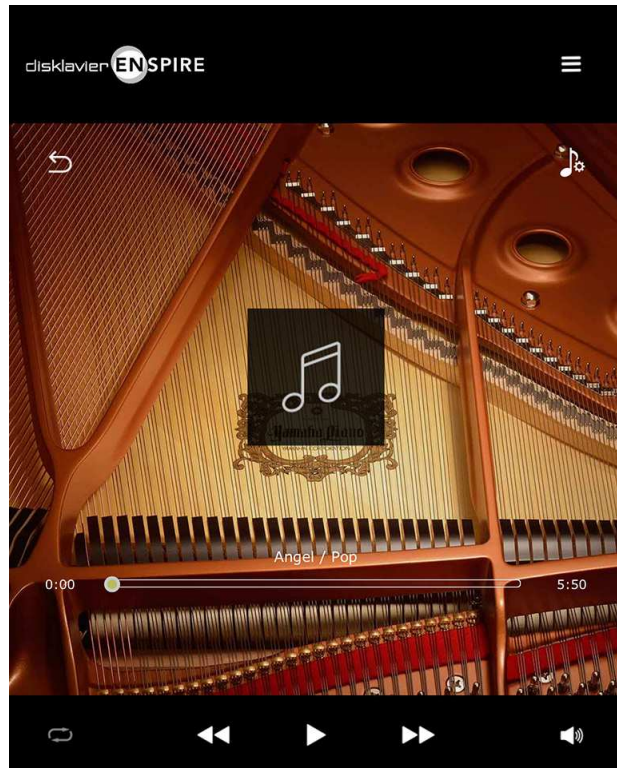
- **Songs:** displays the Songs screen [More](#)
- **Record:** displays the recording standby screen [More](#)
- **DisklavierRadio:** displays the DisklavierRadio screen [More](#)
- **Settings:** displays the Settings screen [More](#)
- **Information:** displays the Information screen [More](#)
- **Power:** turns the power off (sleep)

The lower area includes the following controls:

- **Loaded song information:** shows information of the loaded song [More](#)
- **Play/pause:** starts or pauses playback [More](#)
- **Volume:** adjusts the volume and balance [More](#)

# Screen Layout in Portrait View

Playback screen



The playback screen shows:

- Cover art (otherwise default image)
- Song title
- Album title

The upper area includes the same controls as in the menu screen.

The middle area includes the following controls:

- **Return:** returns to the hierarchically upper screen [More](#)
- **Practice function:** displays the practice function menu [More](#)
- **Song position:** indicates the playback position [More](#)

The lower area includes the following controls:

- **Repeat:** opens the repeat setting menu [More](#)
- **Skip back/rewind:** skips to the previous song or rewinds through the current song [More](#)
- **Play/pause:** starts or pauses playback [More](#)
- **Skip/fast forward:** skips to the next song or fast-forwards through the current song [More](#)
- **Volume:** adjusts the volume and balance [More](#)

# Troubleshooting

If you are having difficulty operating the Disklavier, see if any of the symptoms listed below apply to your problem and follow the recommended remedy.

## Monitor Speaker

Symptom	Remedy
No sound is heard from the monitor speaker.	Make sure that the POWER switch on the monitor speaker is turned on.
	Make sure that the monitor speaker is connected to the OUTPUT jacks on the control center unit with the supplied speaker cord.
	Make sure that the overall volume is adequately turned up.
	Make sure that "Ensemble TG Volume" and "Audio Volume" are adequately turned up.

## Playback

Symptom	Remedy
The Disklavier does not read a song file.	Make sure that the name of the SMF song has the extension of ".mid" and the audio song has ".wav" or ".mp3."
	Check the number of the albums in one category. The maximum number of the readable albums in one category is 99.
	Check the number of the songs in an album. The maximum number of the readable songs in an album is 999.
	Check the number of the folder directory. The unit can recognize the folders up to the third directory.
Songs are played back at the wrong tempo.	Check the tempo setting.
Songs are not played back in the normal song order.	Make sure that the shuffle repeat mode is off.
Some notes drop out during playback.	When a piano song is played back at a low volume, complex note trills and faint pianissimo passages sometimes drop out. In such case, increase the Disklavier's volume level.
The damper does not operate during playback.	Make sure that the pedal part is not canceled.



# Troubleshooting

---

## Tone Generator

Symptom	Remedy
The ensemble parts cannot be heard during ensemble song playback.	Make sure that “Ensemble TG Volume” is set to an appropriate level and readjust it.
The pitch of the Disklavier and the internal tone generator do not match.	Use “Master Tune” to tune the internal tone generator.

## Connection with External Devices

Symptom	Remedy
The Disklavier cannot send or receive MIDI data with other MIDI instruments.	Make sure that the MIDI cables or USB cable are connected properly.