disklavier ENSPIRE™
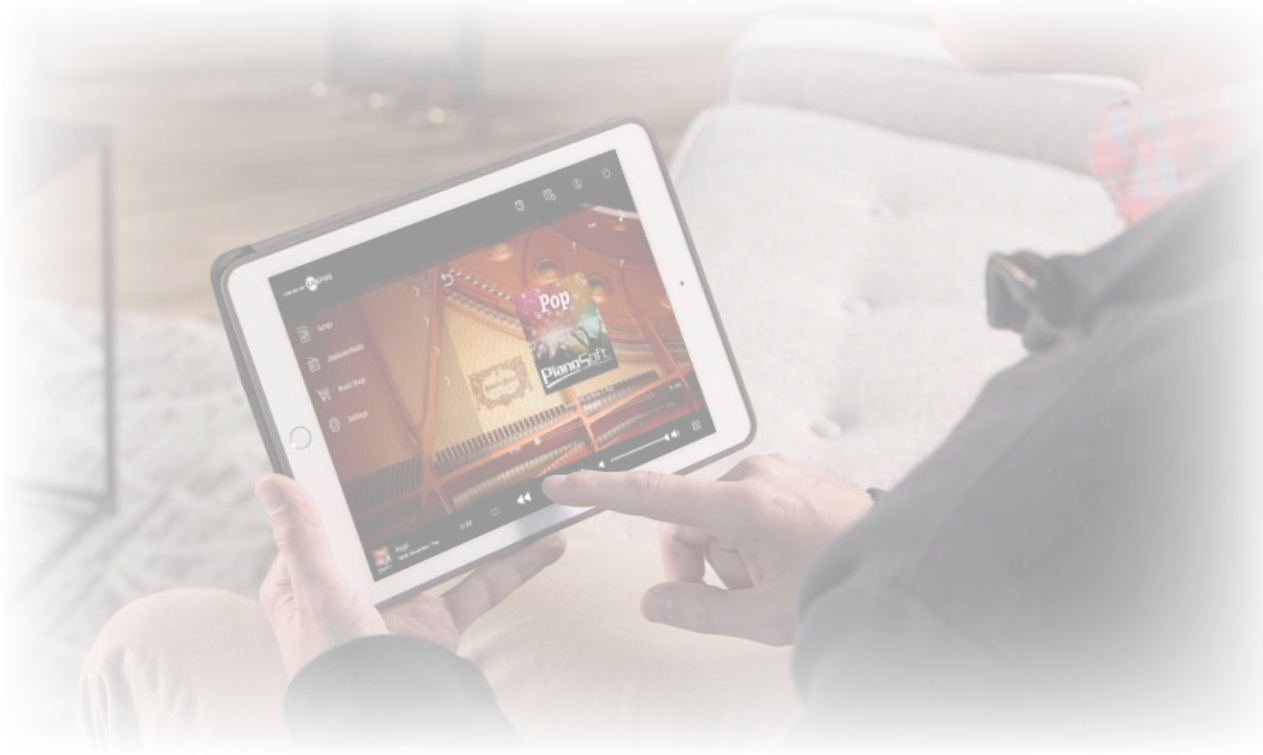
ENSPIRE Controller
Operation Manual

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

• Instructions on operating this unit refer mainly to use of the screens in landscape view. For instructions on portrait view, refer to "Screen Layout in Portrait View." **More**

• The illustrations and screens as shown in this manual are for instructional purposes only, and may appear somewhat different from actual item depicted.

• Specifications are subject to change without notice.

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Table of Contents

Control Screen

Accessing the Disklavier from the ENSPIRE Controller app on your smart device calls up the Control screen.
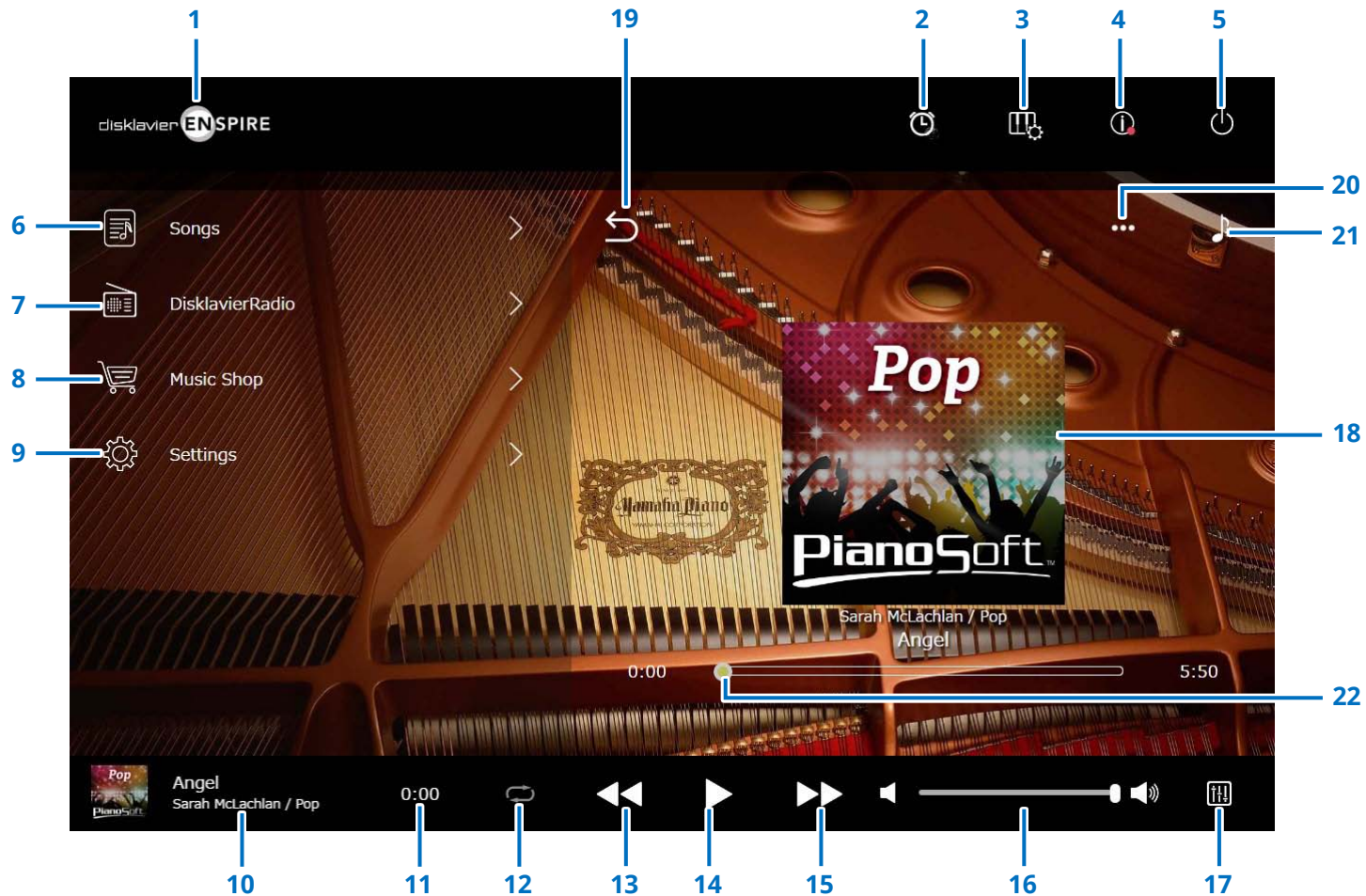
Control Screen

1 Logo

Calls up the Playback screen.

2 Timer Play

Appears when the Timer is set.
Calls up the Timer Play screen. `More`

3 Playing Function `More`

4 Information `More`

5 Power (sleep)

Turns the Disklavier off (Sleep mode).

6 Songs `More`

7 DisklavierRadio `More`

8 Music Shop `More`

9 Settings `More`

10 Loaded Song information

Shows information of the loaded Song:
• Cover art (or default image)
• Song title
• Artist
• Album title
Tapping this area calls up the Playback screen.

11 Playback time counter

Indicates the playback time.

12 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`

13 Skip back/Rewind

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

14 Play/Pause

Starts or pauses playback.

15 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.

16 Volume

Adjusts the volume. Use the slider to adjust the volume.

17 Balance

Calls up the Balance screen. `More`

18 Playback Screen

Various information is shown in the right area. In the Control screen, the Playback screen appears.
The Playback screen shows:
• Cover art (or default image)
• Song title
• Artist
• Album title

19 Return

Returns to the Songs screen.

20 Edit `More`

21 Practice Function `More`

22 Song position

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

Playing Function

Tapping on the Playing Function button calls up the Playing Function.
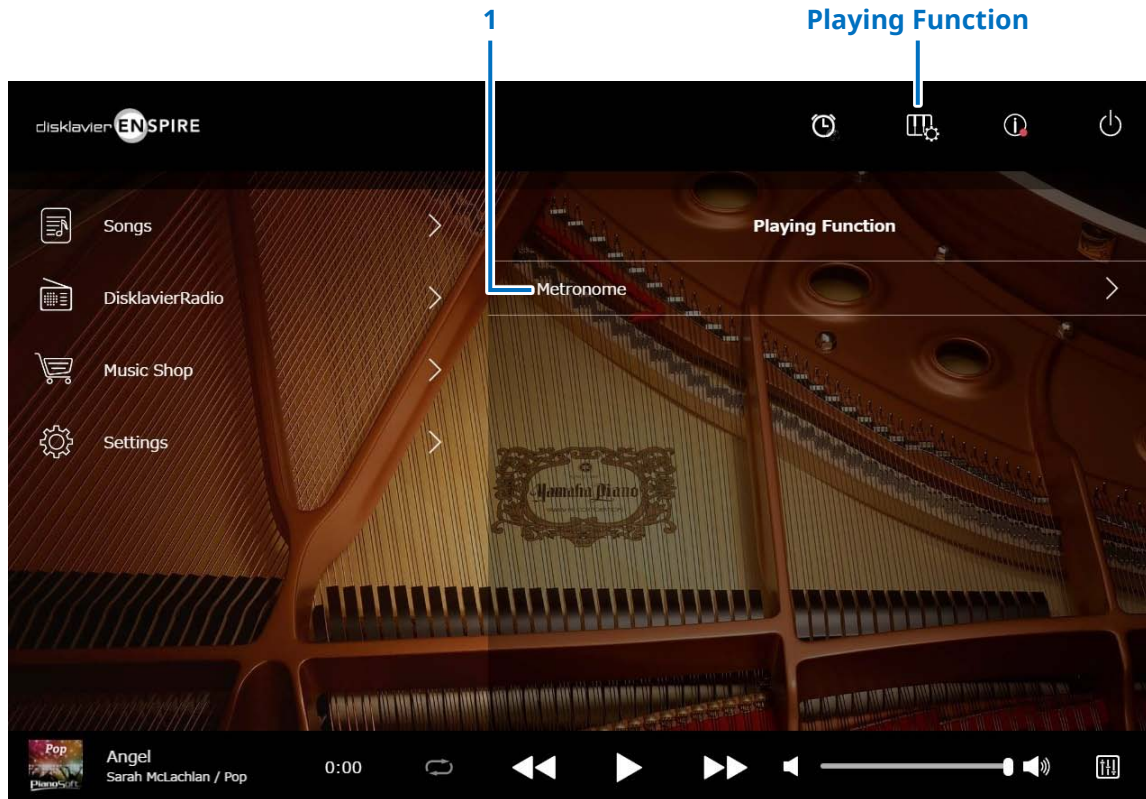
1 **Metronome**
Opens the Metronome pop-up window. `More`

Metronome

In this pop-up window you can change the playback tempo and other settings of the Metronome.
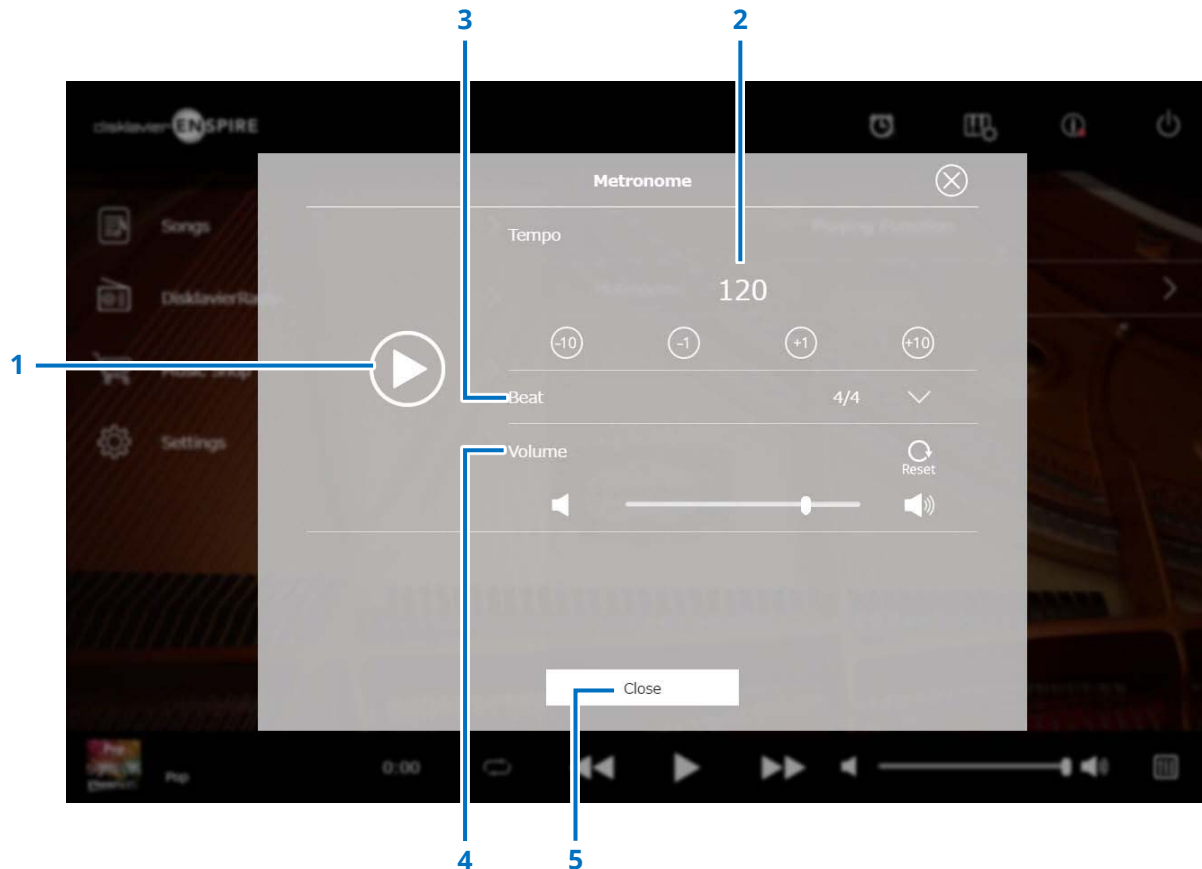
1 Play/Stop
Starts or stops the Metronome playback.

2 Tempo
Adjusts the Metronome tempo over a range of 30 bpm to 400 bpm.

3 Beat
Changes the beat (time signature) to one of the following settings:
1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 8/4, 9/4.

4 Metronome volume
Adjusts the Metronome volume. Use the slider to adjust the volume.

5 Close
Closes the Metronome pop-up window.

Information Screen

Tapping on the Information button calls up the Information screen.

(If you have not logged in)
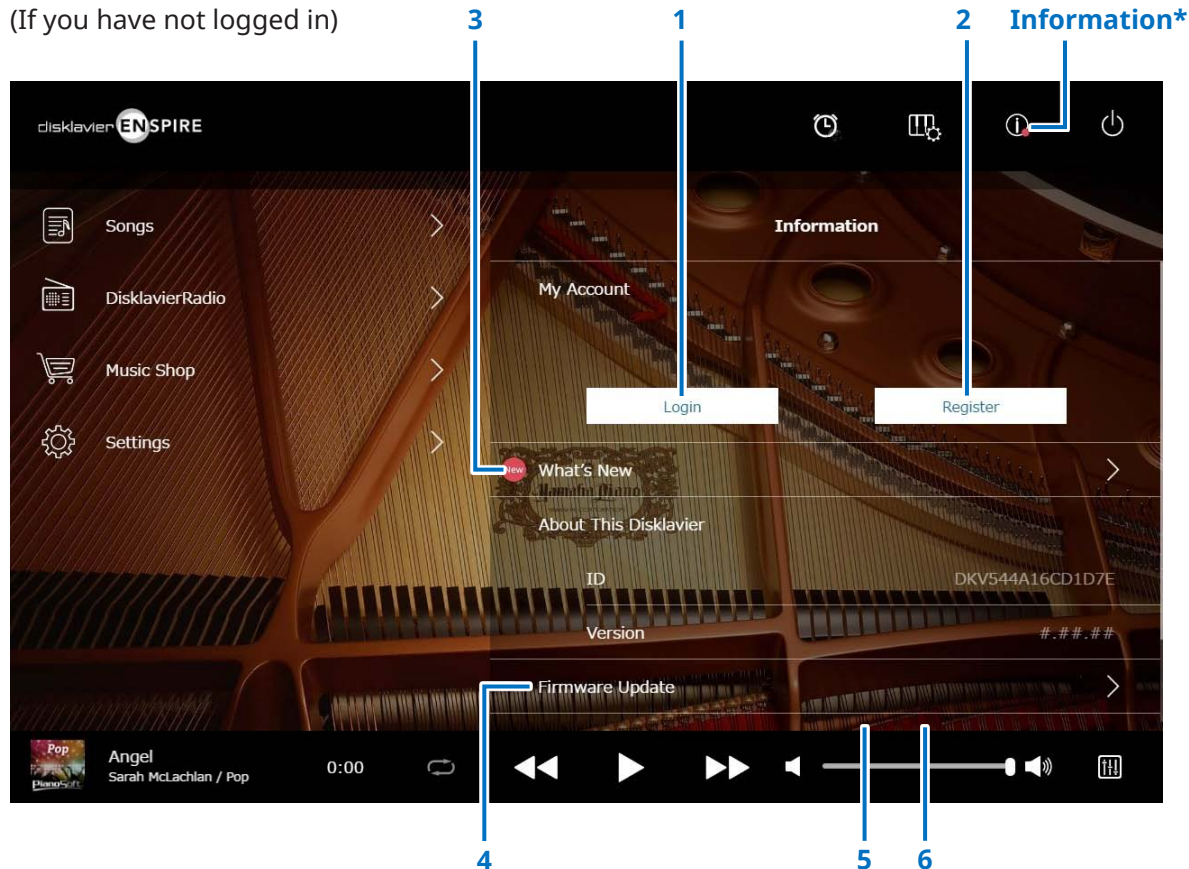
1 Login
Opens the Login pop-up window. You can log in to Yamaha MusicSoft. You need to enter your e-mail address and password.

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

3 What's New
Calls up the What's New screen, which shows the five latest news items about the Disklavier.

4 Firmware Update
Opens the Firmware Update pop-up window.

Scrolling down the screen calls up the following items:

5 Operation Manual
Opens the Operation Manual in a separate browser tab.

6 Software License
Opens the Software License in a separate browser tab.

NOTE
A red dot is shown on the Information button when the Information screen has been updated.

Information Screen

(If you have logged in)
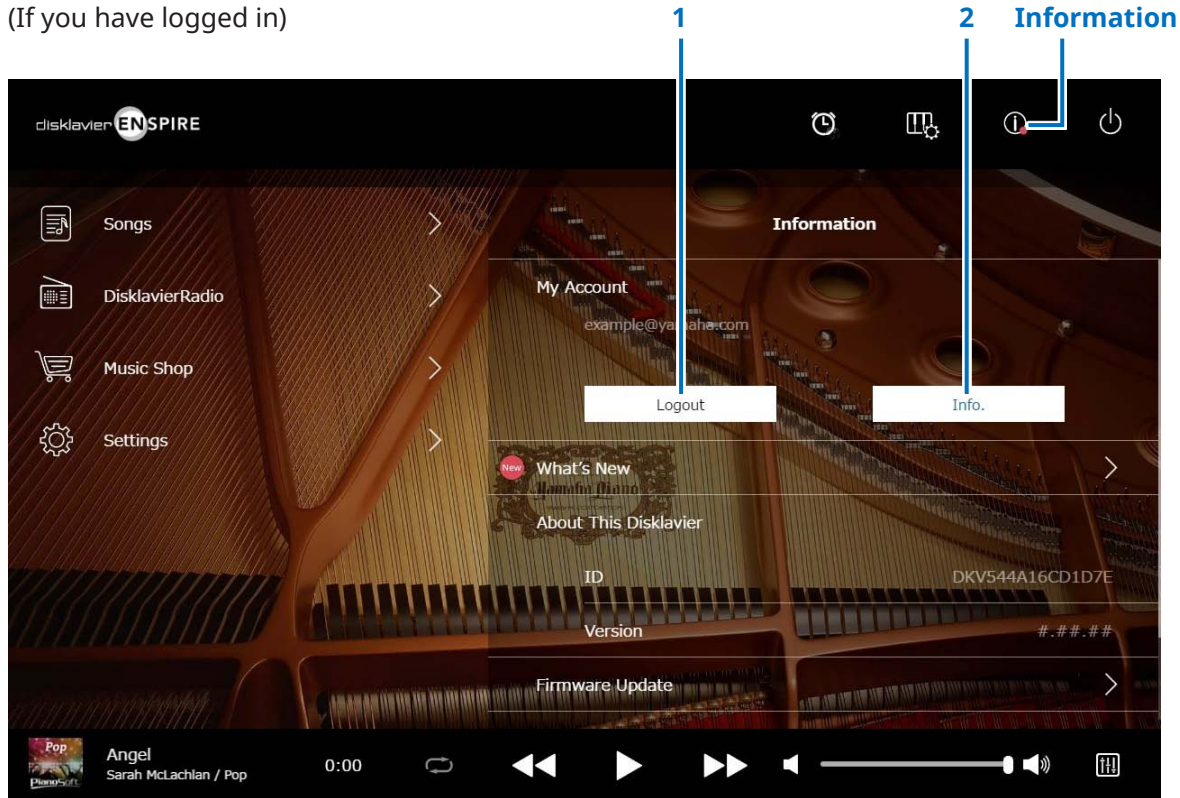
1   Logout
Opens the Logout pop-up window.

2   Info.
Opens the My Account pop-up window, from which you can confirm your subscription status and account information.

Balance Screen

Tapping on the Balance button calls up the Balance screen.
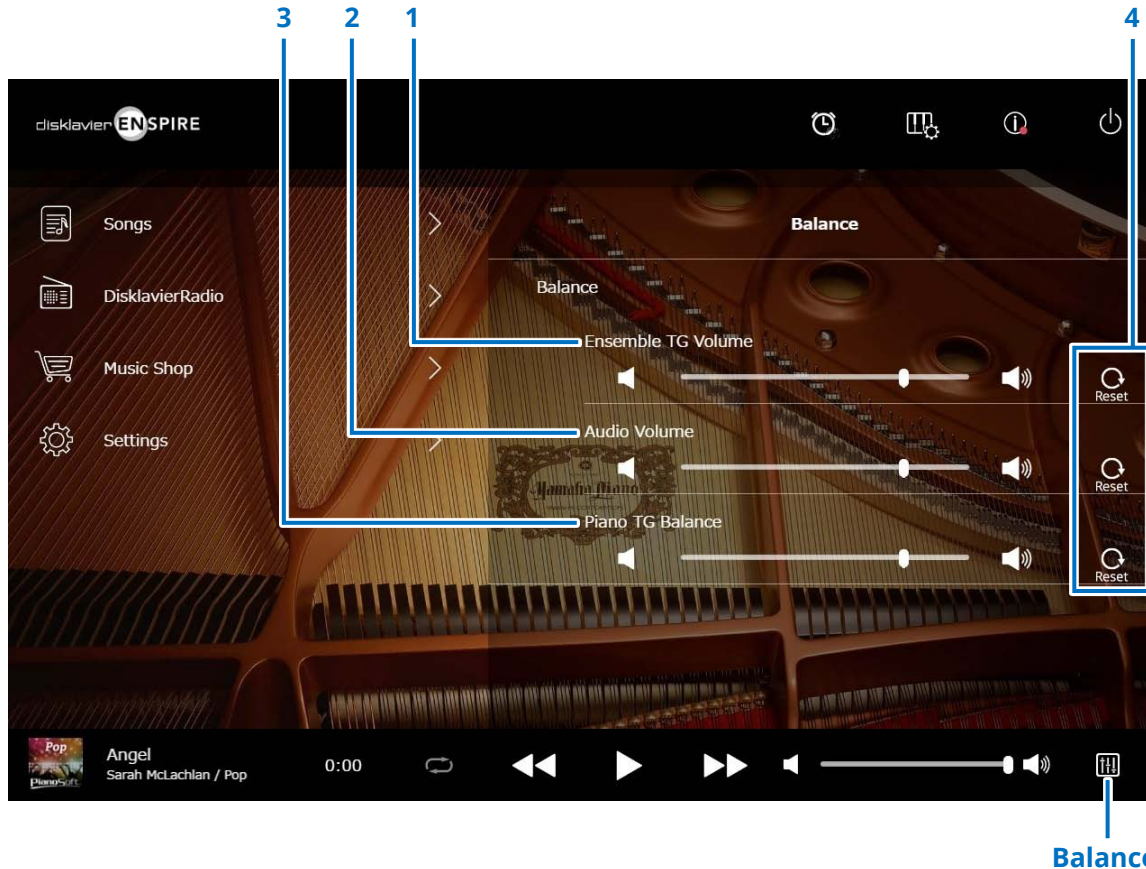
1 Ensemble TG Volume
Adjusts the volume of the ensemble parts. Use the [icon] / [icon] buttons or slider to adjust the volume.

2 Audio Volume
Adjusts the volume of the audio. Use the [icon] / [icon] buttons or slider to adjust the volume.

3 Piano TG Balance
Adjusts the volume of the piano parts. Use the [icon] / [icon] buttons or slider to adjust the volume.

4 Reset
Resets the volume to its default value.

10

Practice Function Menu

Tapping on the Practice Function button opens the Practice Function menu.
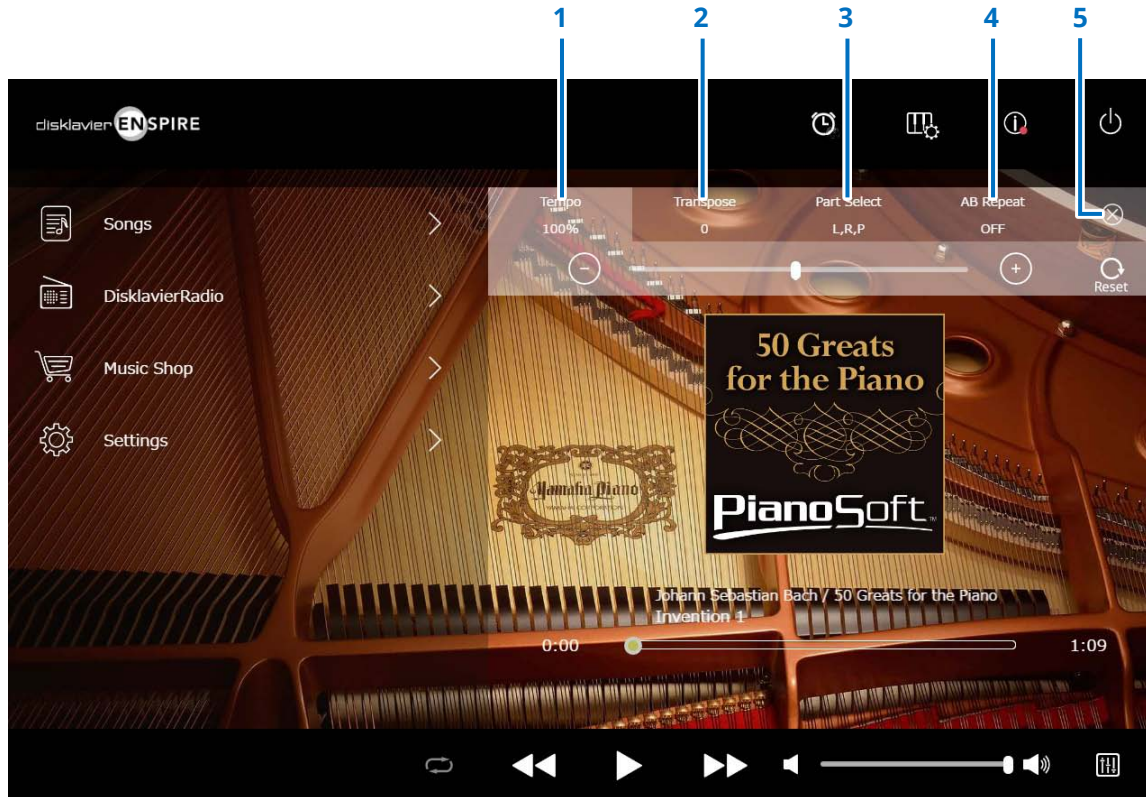
1   **Tempo** `More`

2   **Transpose** `More`

3   **Part Select** `More`

4   **A-B Repeat** `More`

5   **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.
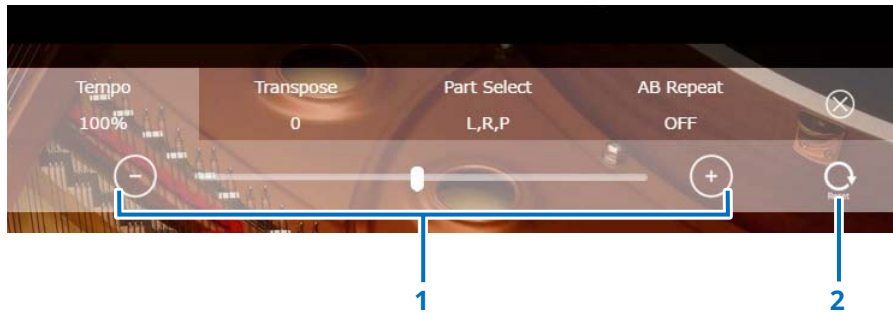
1 **Tempo controls**
Adjusts the Playback Tempo. The Playback Tempo can be adjusted over a range of 50% to 150%. Use the –/+ buttons or slider to adjust the Playback Tempo.

2 **Reset**
Resets the Playback Tempo to 100%.

NOTE
You cannot change the Playback Tempo of the PianosoftAudio Songs and WAV format Songs. (The Song of which Song type is "Audio" and "wav." More)

Playing Back Songs in a Different Key (Transpose)

Playback can be transposed up or down by up to two octaves. This is useful, for example, when you want to sing along (karaoke) in a different key from the original recording.
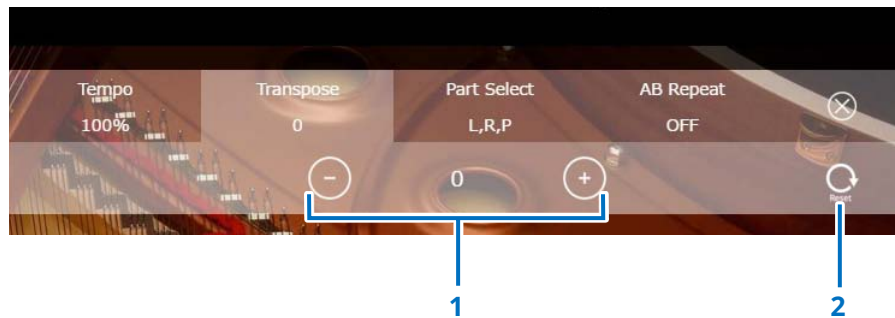
1 Transpose controls
Playback can be transposed in half-step increments up or down two octaves (–24 key to +24 key). Use the –/+ buttons or slider to adjust the Transpose function.

2 Reset
Restores the original key (0).

Playing Back Only the Desired Piano Part

You can select the desired piano part. For example, this could be useful for practicing only one part (left- or right-hand) while the Disklavier plays the other.
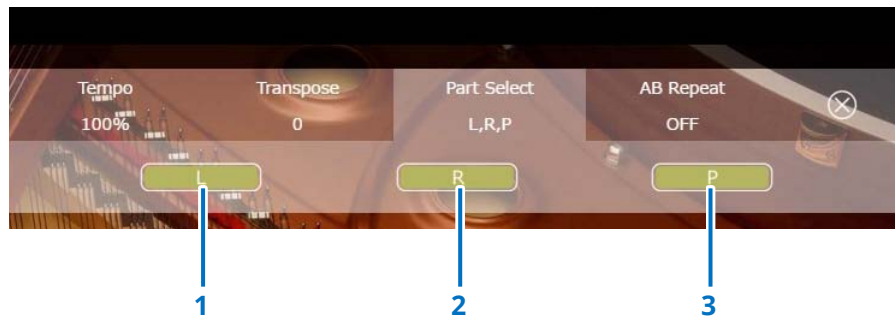
1 L
Plays or cancels the left part.

2 R
Plays or cancels the right part.

3 P
Plays or cancels the pedal part.

Memo
The above screen indicates that all parts are to be 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.
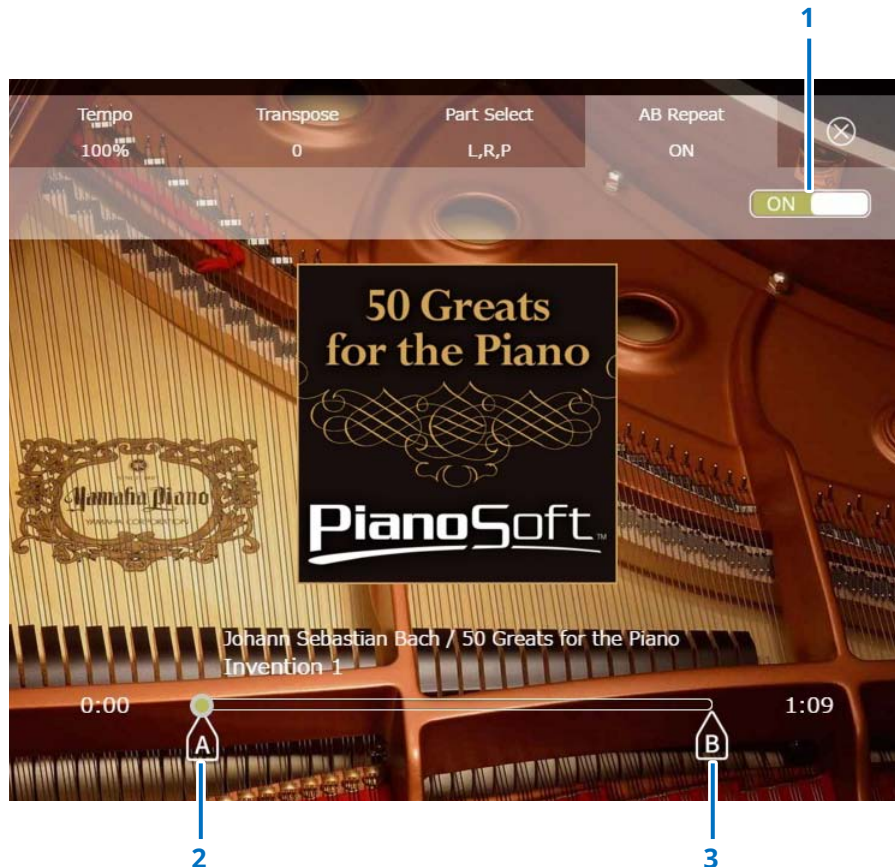
1　A-B Repeat
Turns A-B Repeat on or off. This switch is automatically turned on when opening the A-B Repeat setting menu.

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 calls up the Songs screen.
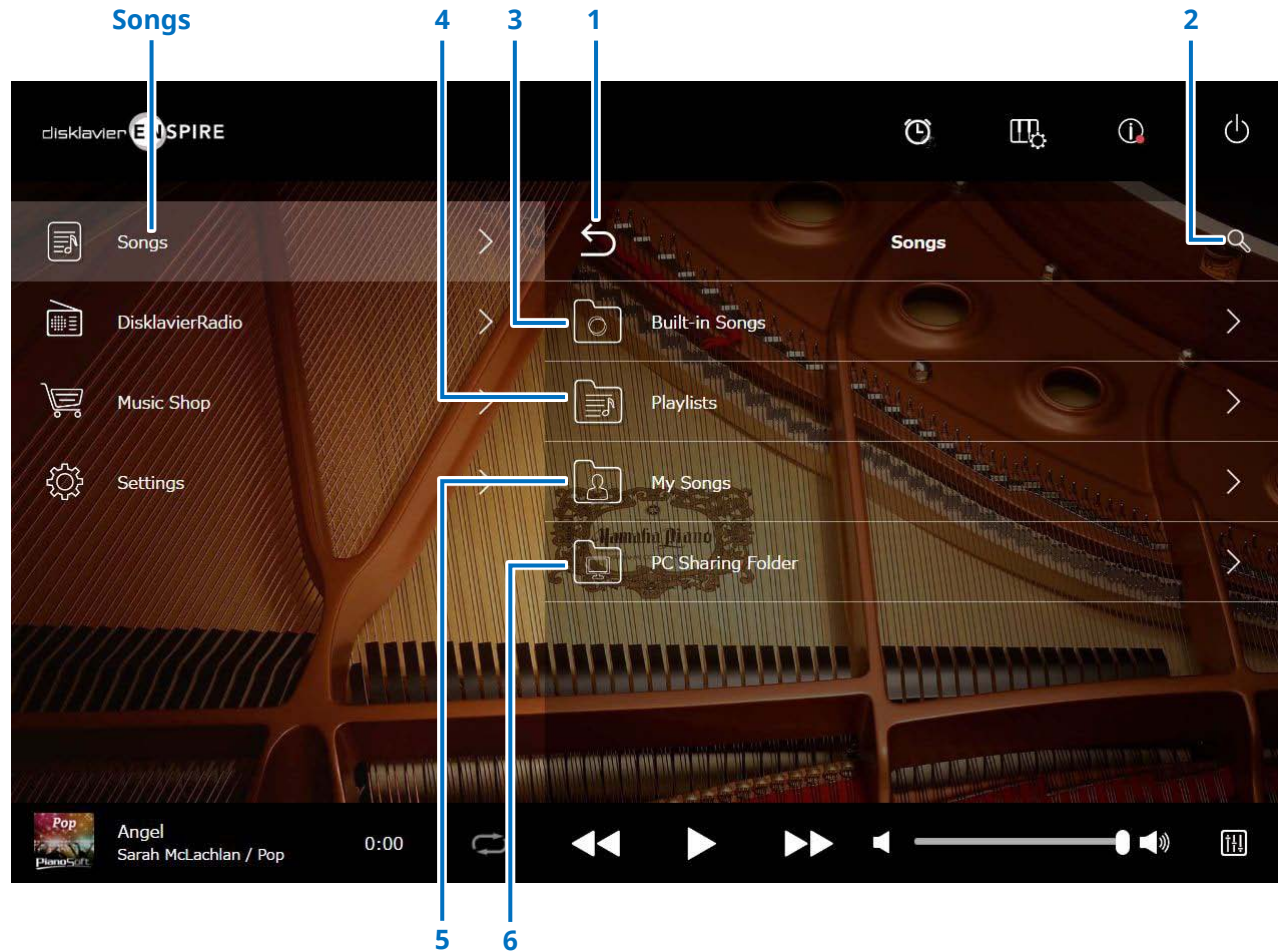
NOTE
My Songs and PC Sharing Folder appear only when a USB flash memory is connected.

Songs Screen

1 Return

Returns to the Playback screen.
In Portrait View, returns to the Menu screen.

2 Search

Lets you search for the desired Song. `More`

3 Built-in Songs

Folder containing Built-in Songs.

4 Playlists

Folder containing Songs you have registered as favorites.

5 My Songs

Folder containing Songs in a USB Flash memory.

> Downloaded Songs

Folder containing Songs you have purchased at Yamaha MusicSoft.

6 PC Sharing Folder

Folder containing Songs shared with a personal computer.

To share data with Disklavier and a PC (computer), connect the PC to the same router (to which the Disklavier is connected) and then search for the Disklavier ID in the network list of the PC.

Reload

Reloads the contents in the folder.

Song type

Indicates the Song type.

- **Audio:** Songs with audio accompaniment
- **Plus:** Songs with MIDI accompaniment
- **Solo:** Piano solo songs
- **WAV:** WAV format Songs
- **(No mark):** Songs you have registered

The Song Type icon is not indicated in Portrait View.

NOTE
My Songs and PC Sharing Folder appear only when a USB flash memory is connected.

Search Screen

Tapping on the Search button 🔍 calls up the Search screen.
You can search for your desired Songs.
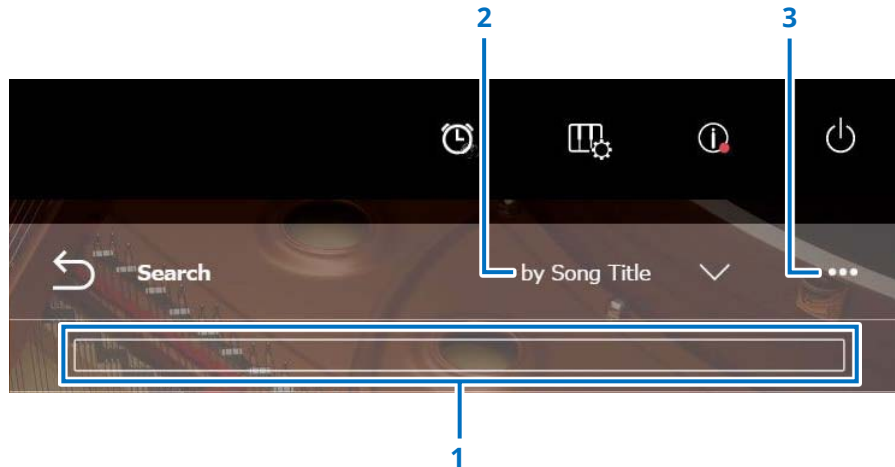
1 Input area
You can input any letter and then go to search.

2 Select Search Category
You can search for desired Songs via the following categories.
- Song title
- Artist
- Genre
- Song type

NOTE
"Search Category" may vary according to the Song category.

3 Edit
Calls up the Editing Screen.

Editing Screen

Tapping on the Edit button ⋯ opens the Editing screen.
The editing menu may differ depending on the Song. Selects the Song/Album you want to edit.

- 📋 **Copy**
Copies the selected Song.

- 🗑 **Delete**
Deletes the selected Song.

- 🅰 **Rename**
Renames the selected Song.

- **Sort**
Rearranges the order of the Songs in a folder.

- **Add to playlist**
Adds the selected Song to the playlist.

- **Create**
Creates a new folder.

Video Sync Playback

Connect a DVD recorder or a DVD player to the control unit for Video Synchronized Playback.
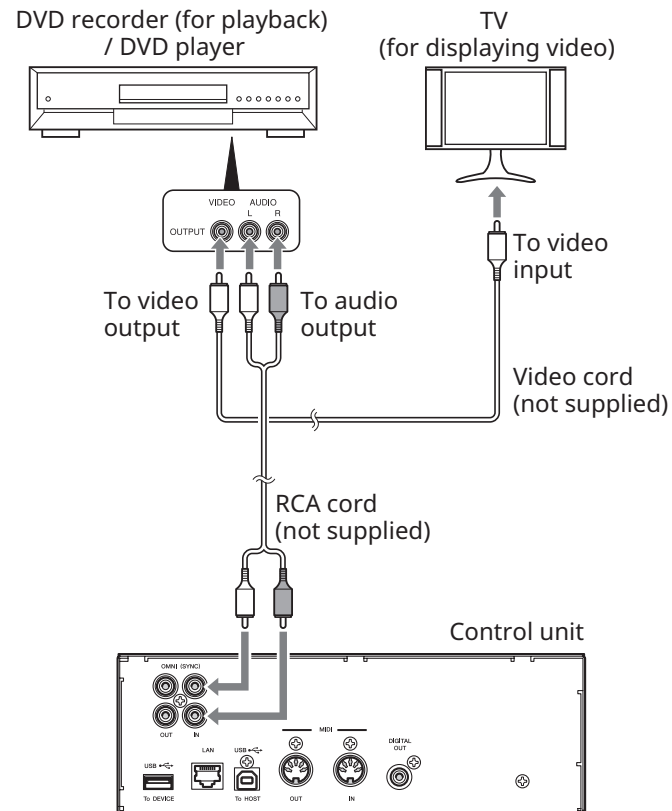
When you start playback on the DVD recorder or the DVD player, the Disklavier finds the appropriate Song and starts Video Sync Playback automatically.

NOTE
• Turn the TV volume off.
• If some problem occurs with Video Sync Playback, refer to the "Troubleshooting" section. `More`
• Only songs which recorded by "Video Sync Recording" on another Disklavier (ST/PRO model) can be played back on this Disklavier.

20

DisklavierRadio Screen

Tapping on the DisklavierRadio button connects to the server.
When the Disklavier is successfully connected to the server, the channel list of DisklavierRadio appears.
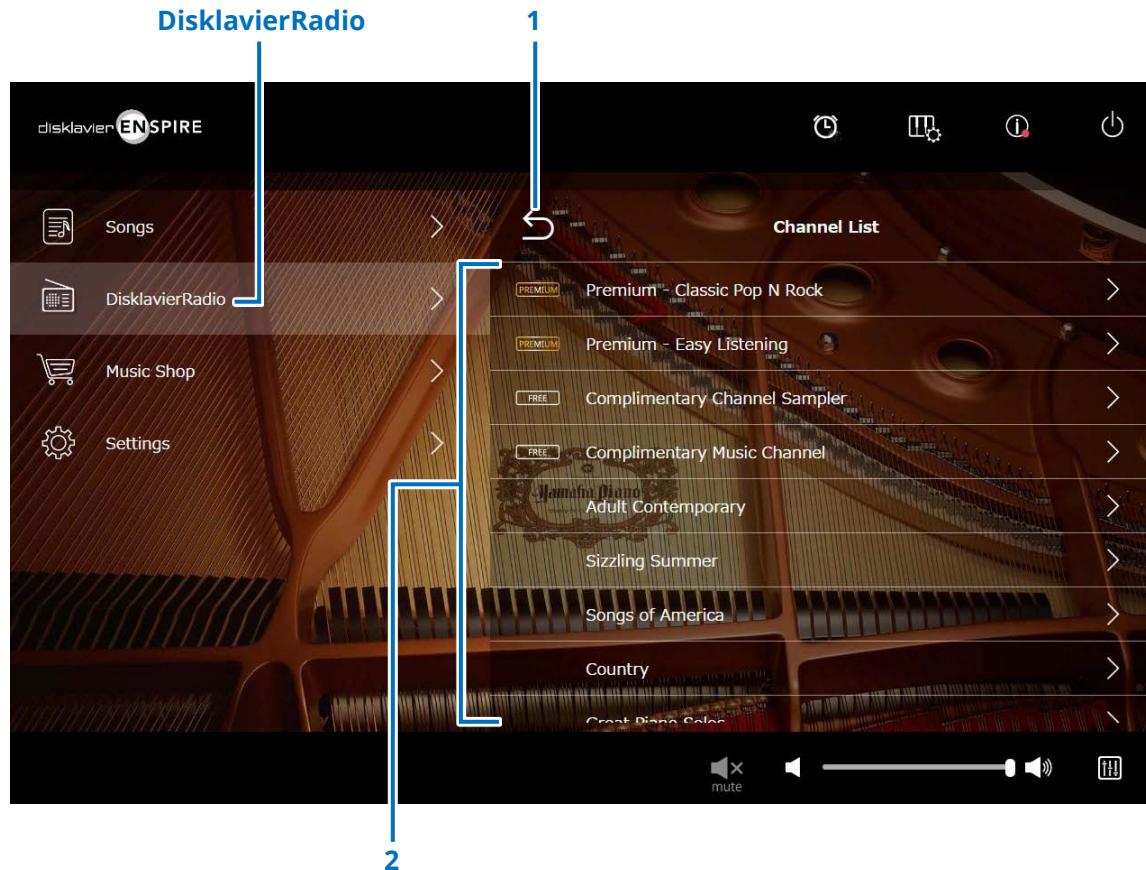
1   Return
Disconnects from the server and returns to the Playback screen.

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 to the service, the DisklavierRadio Playback screen appears. More
- If you have not logged in or not subscribed to the service, the Information pop-up window of the pay channel appears. More

NOTE
The DisklavierRadio channels are subject to change without prior notice.

Logging in and/or Subscribing to the Service

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

(If you have not logged in and/or not subscribed)
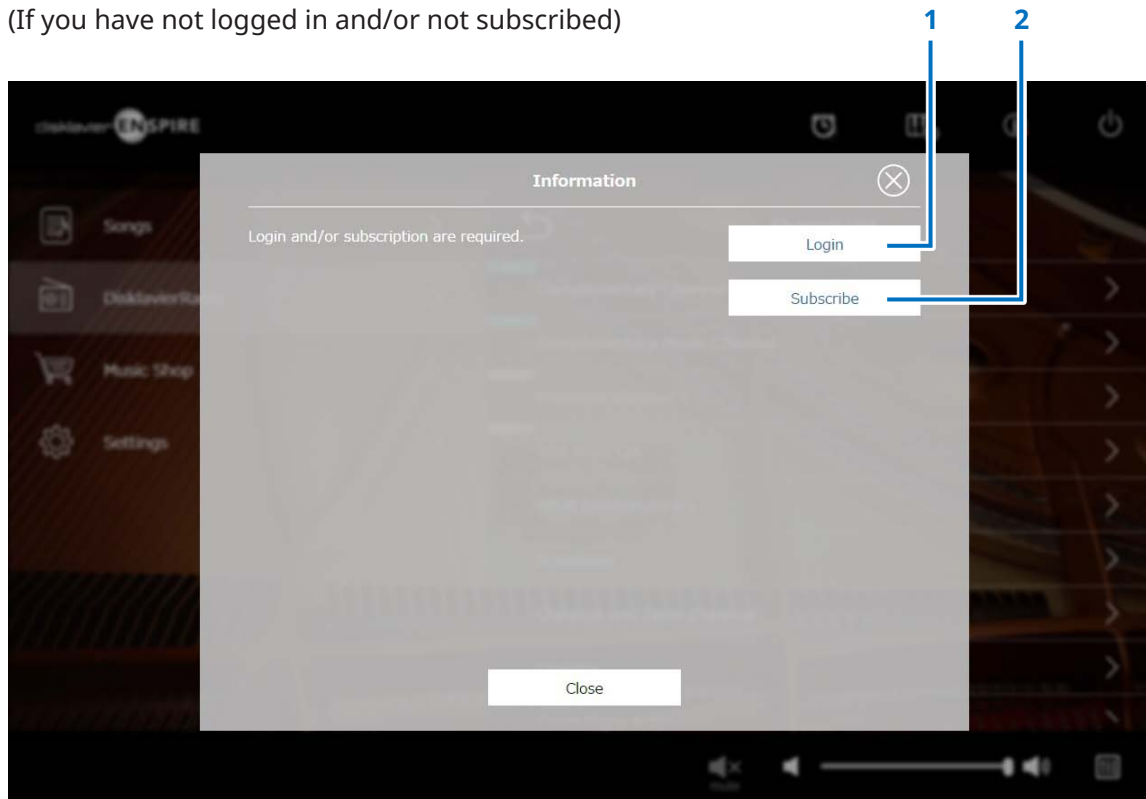
1 Login
Opens the Login pop-up window, letting you log in to Yamaha MusicSoft. You need to enter your e-mail address and password.

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

Logging in and/or Subscribing to the Service

(If you have not subscribed)

1
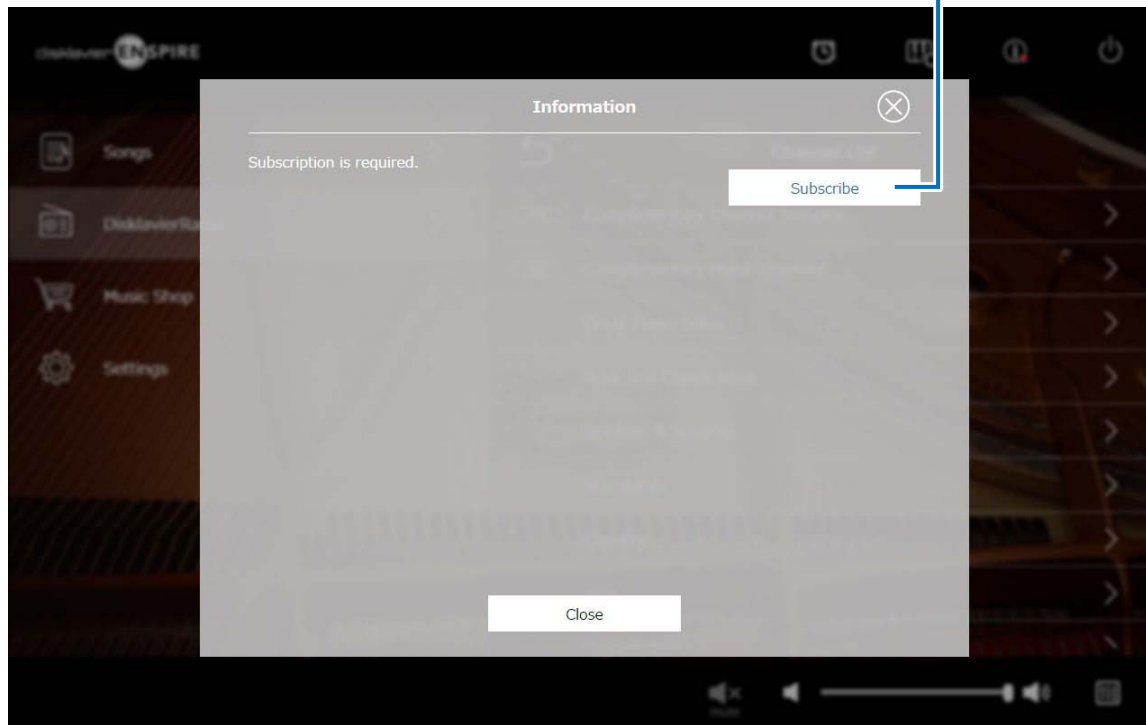
1 Subscribe
Opens the subscription page on the Yamaha MusicSoft website in a separate browser tab.

DisklavierRadio Playback Screen

Selecting the channel calls up the DisklavierRadio Playback screen.
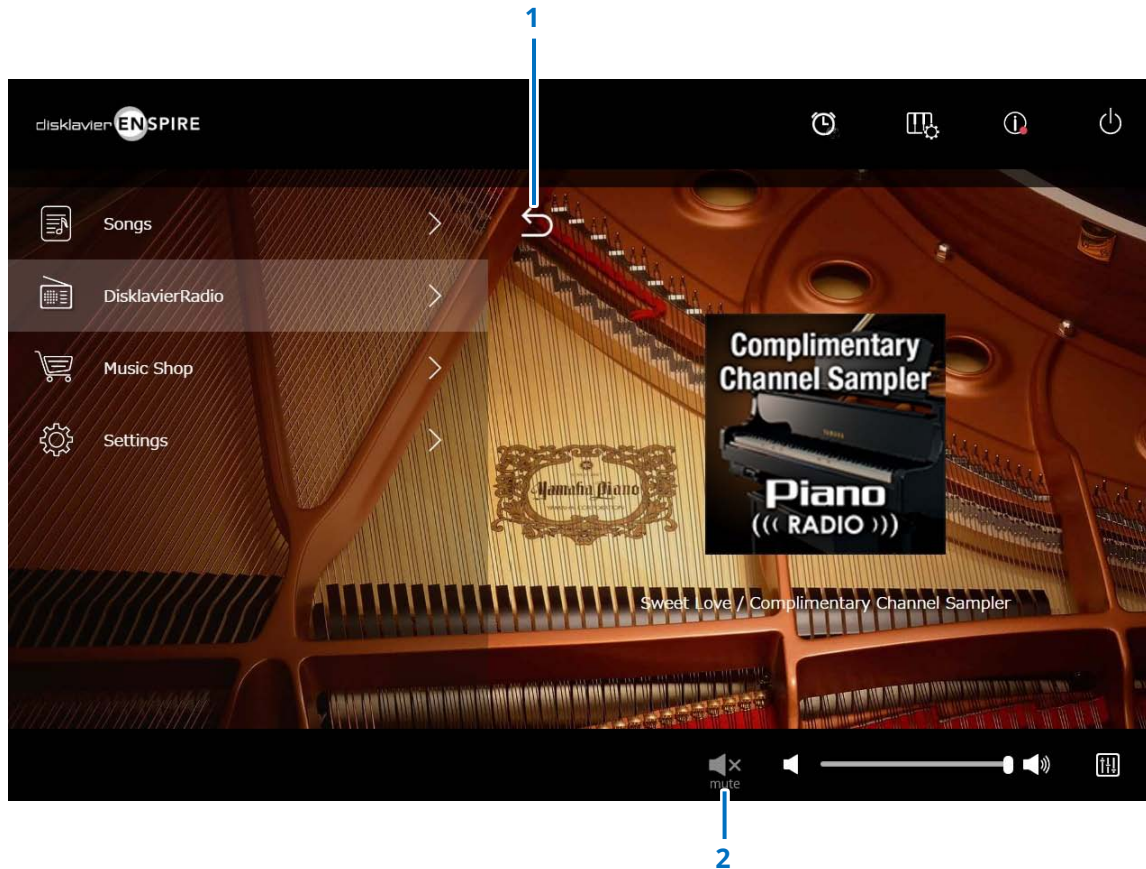
1 Return
Returns to the DisklavierRadio screen.

2 Play/Mute
Mutes or unmutes DisklavierRadio playback.

Music Shop Screen

You can purchase and download Song data from the special website.
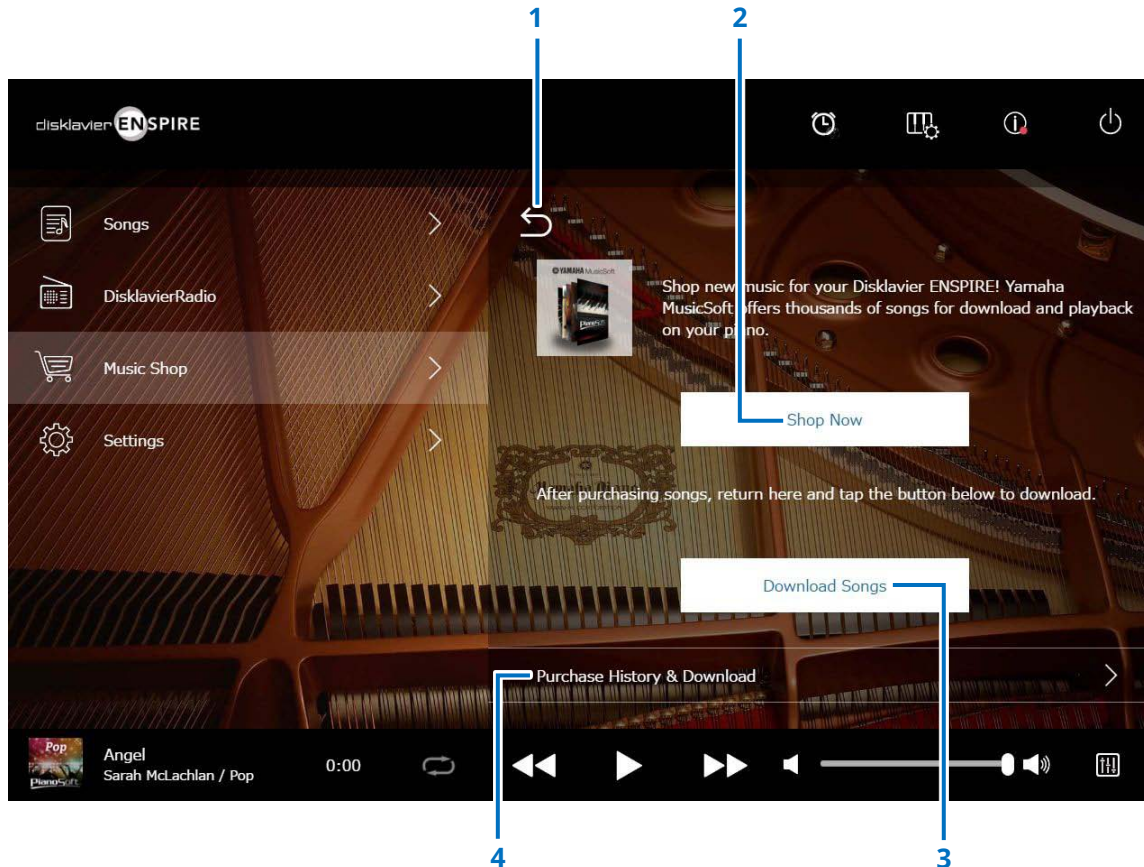
1   Return
Returns to the previous (higher level) screen.

2   Shop Now
Accesses the Yamaha MusicSoft website.

3   Download Songs
Downloads the last purchased Song data.
Last purchased Songs will be downloaded to the folder "Songs" > "My Songs" > "Downloaded Songs."

4   Purchase History & Download
Confirms the purchase history and downloads any Song data that has not yet been downloaded to USB flash memory. More

Purchase History & Download Screen

Tapping the Purchase History & Download button calls up the Purchase History & Download screen.
Songs you've previously purchased are displayed.
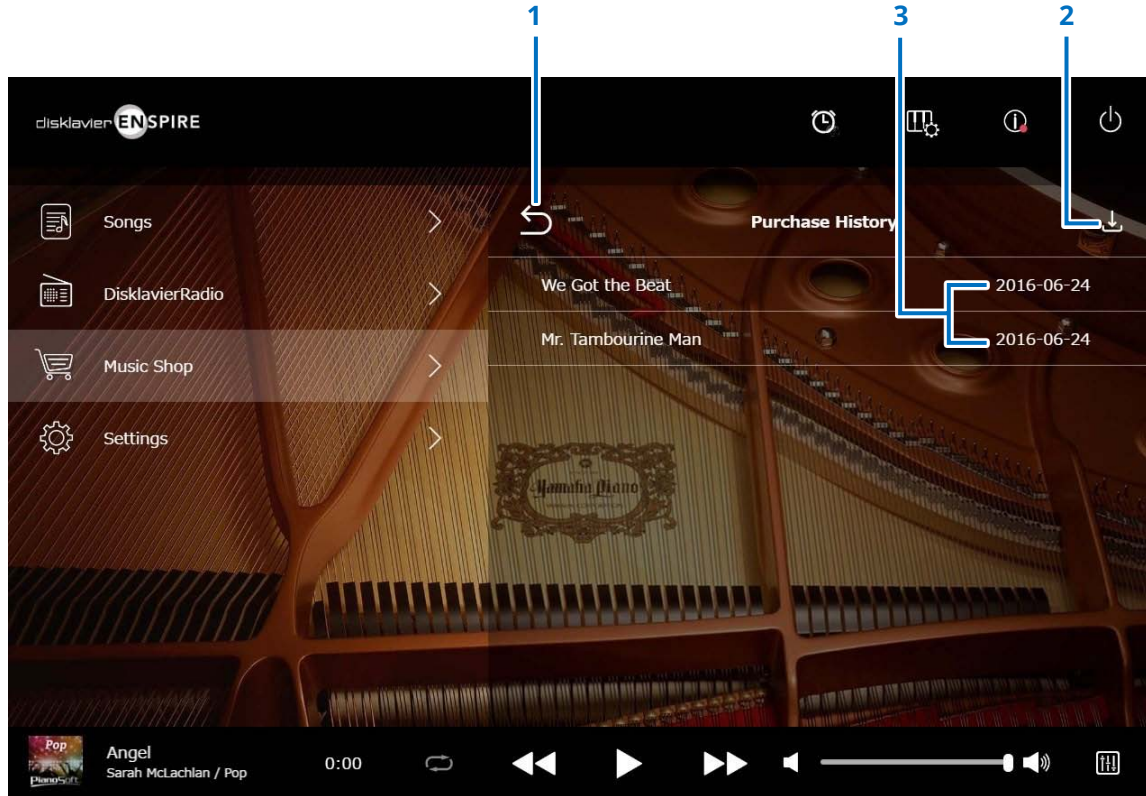
1 Return
Returns to the Music Shop screen.

2 Download
Downloads Song data not yet downloaded to USB flash memory. More

3 Purchase date
Shows the date when the Song data was purchased.

Download Screen

Tapping the Download button in the Purchase History & Download screen calls up the Download screen.
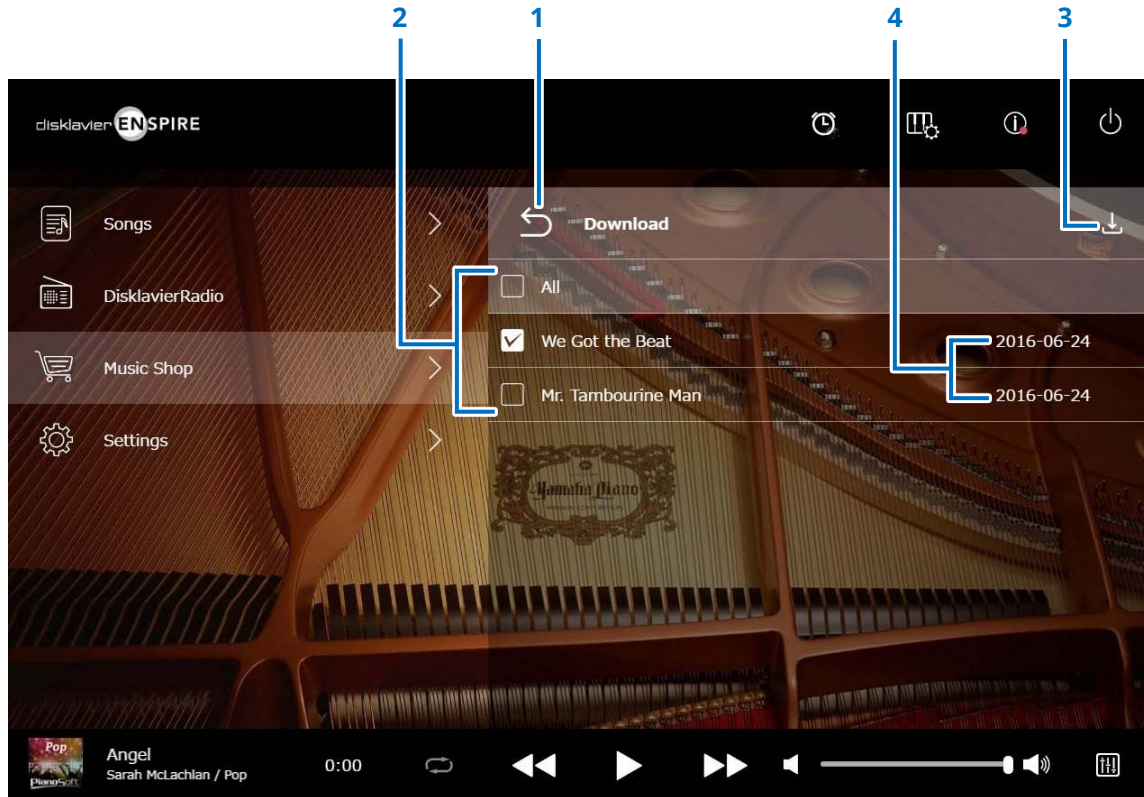
1 Return
Returns to the Purchase History & Download screen.

2 Checkbox
Appears next to Songs that have not been saved to USB flash memory. Enter checkmarks to the specific Songs you want to download to USB flash memory.

3 Download
Downloads the selected Song data to USB flash memory.

4 Purchase date
Shows the date when the Song data was purchased.

Settings Screen

Tapping the Settings button calls up the Settings screen.
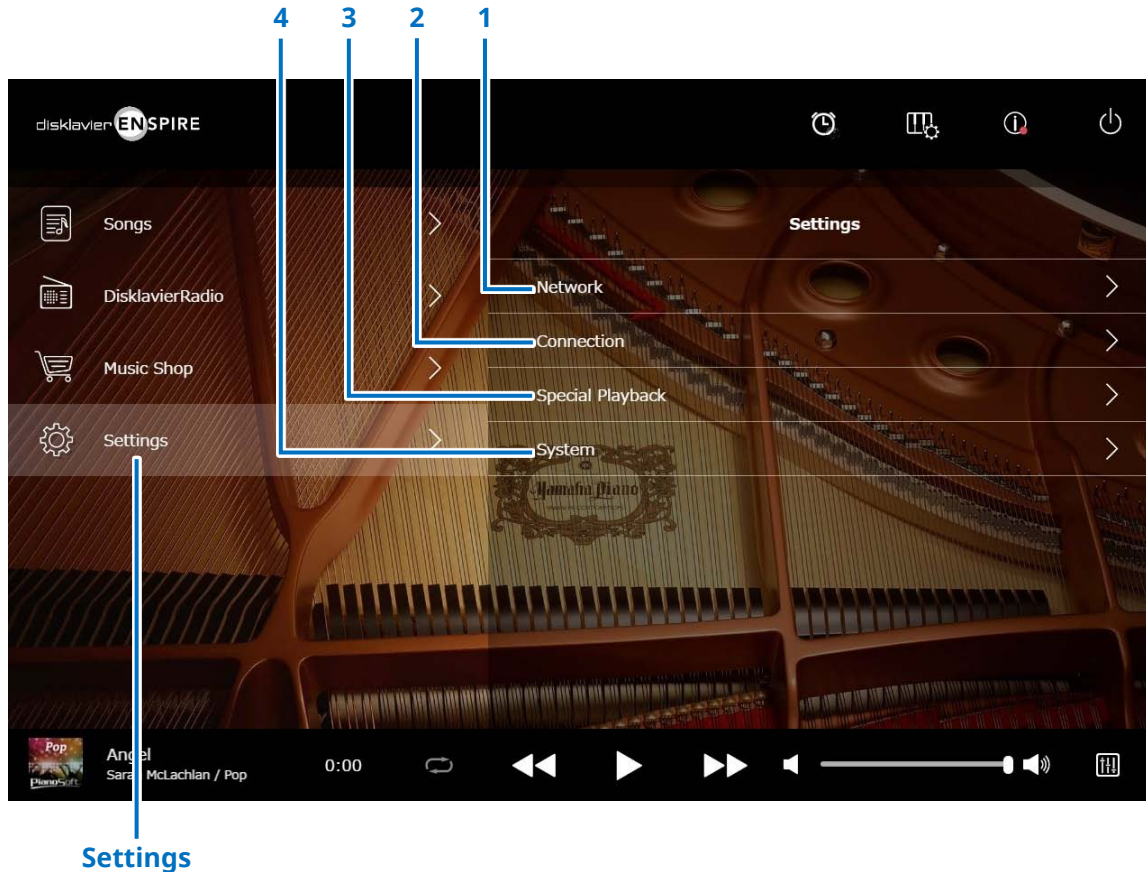
1 **Network**
   > **Wired Network** `More`
   > **Wireless Network** `More`
   > **Passcode** `More`

2 **Connection**
   > **Audio I/O** `More`
   > **MIDI I/O** `More`

3 **Special Playback** `More`

4 **System** `More`

Setting the Disklavier for the Wired/the Wireless Network Connection

Tapping the Wired Network/the Wireless Network button calls up the Network screen.
You can change various settings related to the network connection.
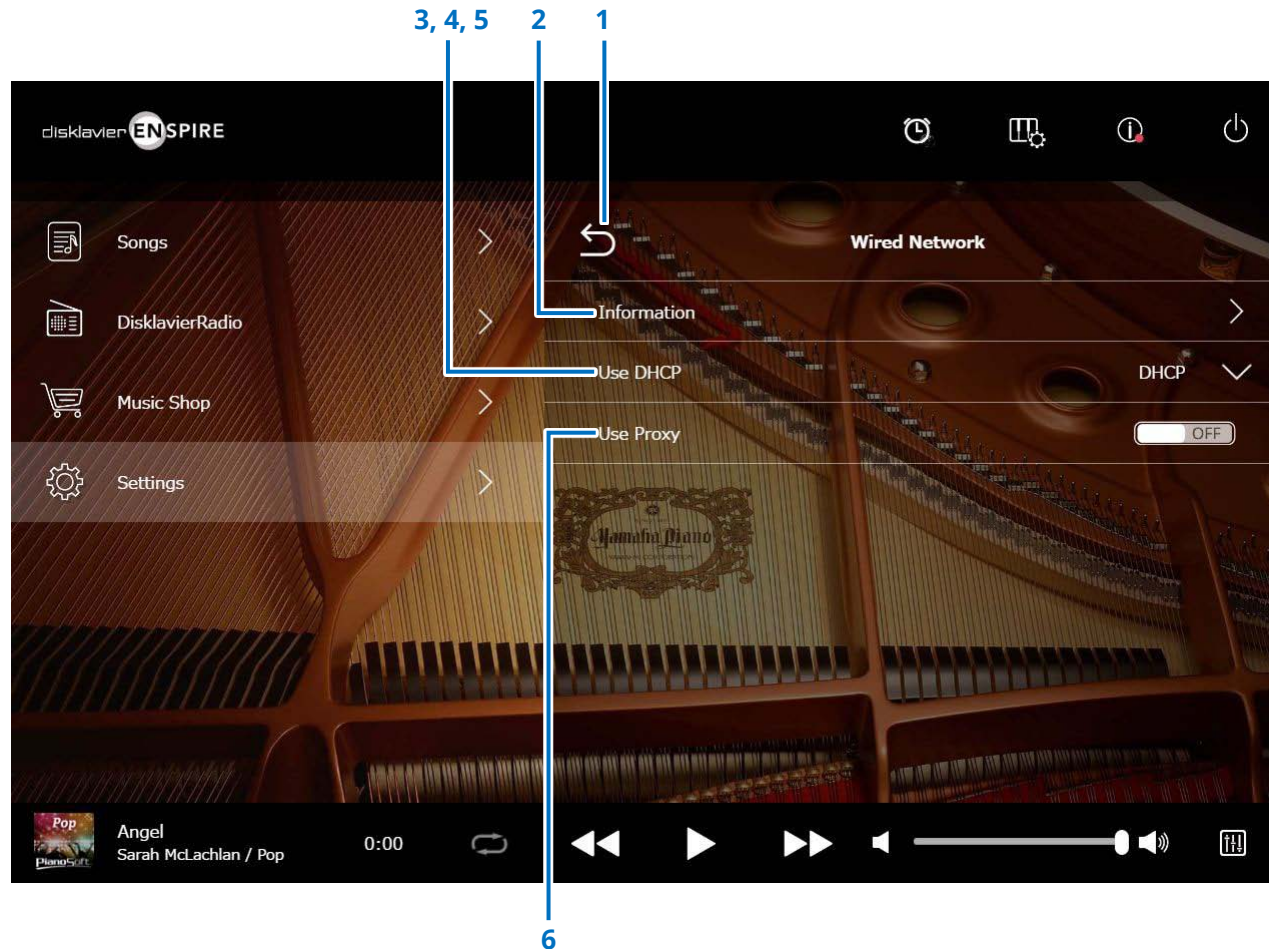
29

Setting the Disklavier for the Wired/the Wireless Network Connection

1 Return

Returns to the Network screen.

2 Information

Calls up the Wired/the Wireless Network Information screen, letting you confirm the information of the wired/ the wireless network settings.

3 Use DHCP

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

Setting "Use DHCP" to "DHCP+DNS" or "Manual" calls up the following items: After setting, tap the "Submit" to confirm the settings.

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."

6 Use Proxy

Selects whether to use a proxy server or not. 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.

After setting, tap the "Submit" to confirm the settings.

NOTE

For information about the DNS server address, IP address, subnet mask and gateway server address settings, contact your Internet service provider.

Setting the Disklavier for the Passcode

You can enter the 4-digit passcode to prevent unauthorized access from the commercially available external remote controller.
Tapping on the Passcode button in the Network Screen calls up the Login Passcode screen.
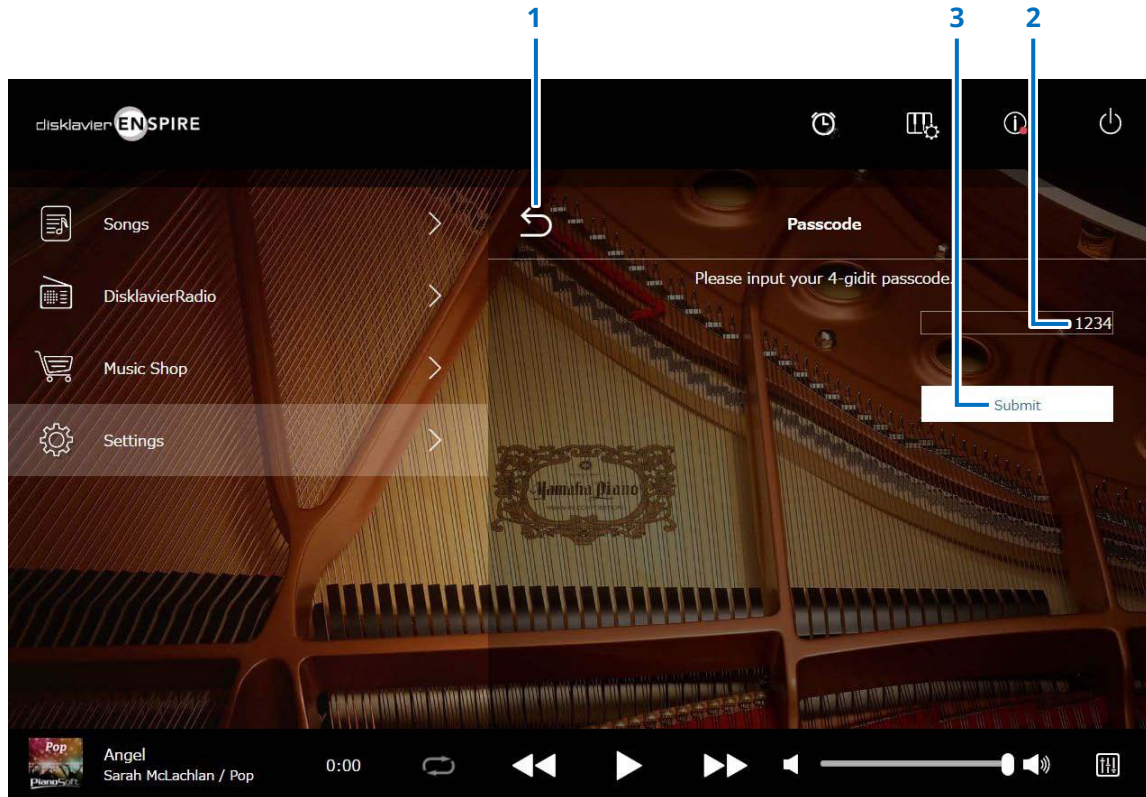
1 Return
Returns to the Network screen.

2 Input area
Sets the passcode; 4-digit number.

3 Submit / Reset
Submits the passcode. Resets the passcode.

Login Passcode Screen

If the passcode has already been set it up, the Login Passcode screen appears for the first access time only.

After approval the passcode, the Login Passcode screen is skipped until updating your passcode.

1
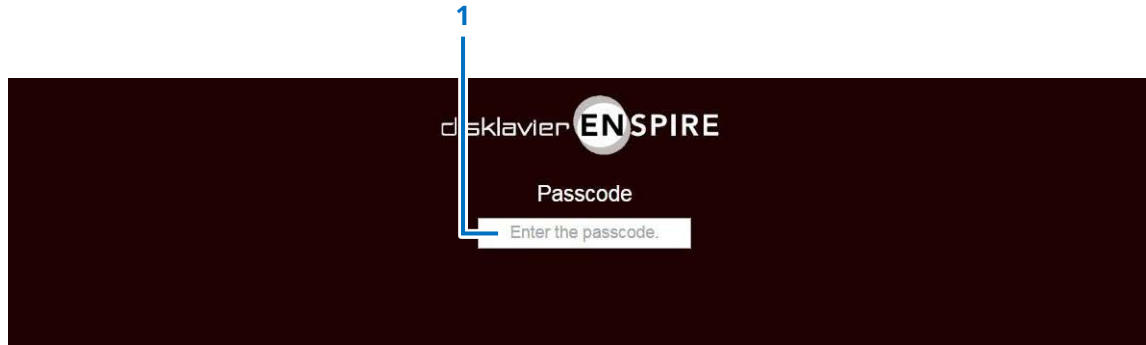
1 **Input area**

Input your passcode. The Control screen appears with approved passcode.

NOTE

If you forget your passcode, you can reset the passcode with initializing the network setting of your Disklavier.

For more details, please see the "Disklavier ENSPIRE Owner's Manual."

Setting the Disklavier for Audio Reception/Transmission

Tapping the Audio I/O button calls up the Audio I/O screen, letting you select the kind of incoming/outgoing audio signals. The following options should be set up in advance.
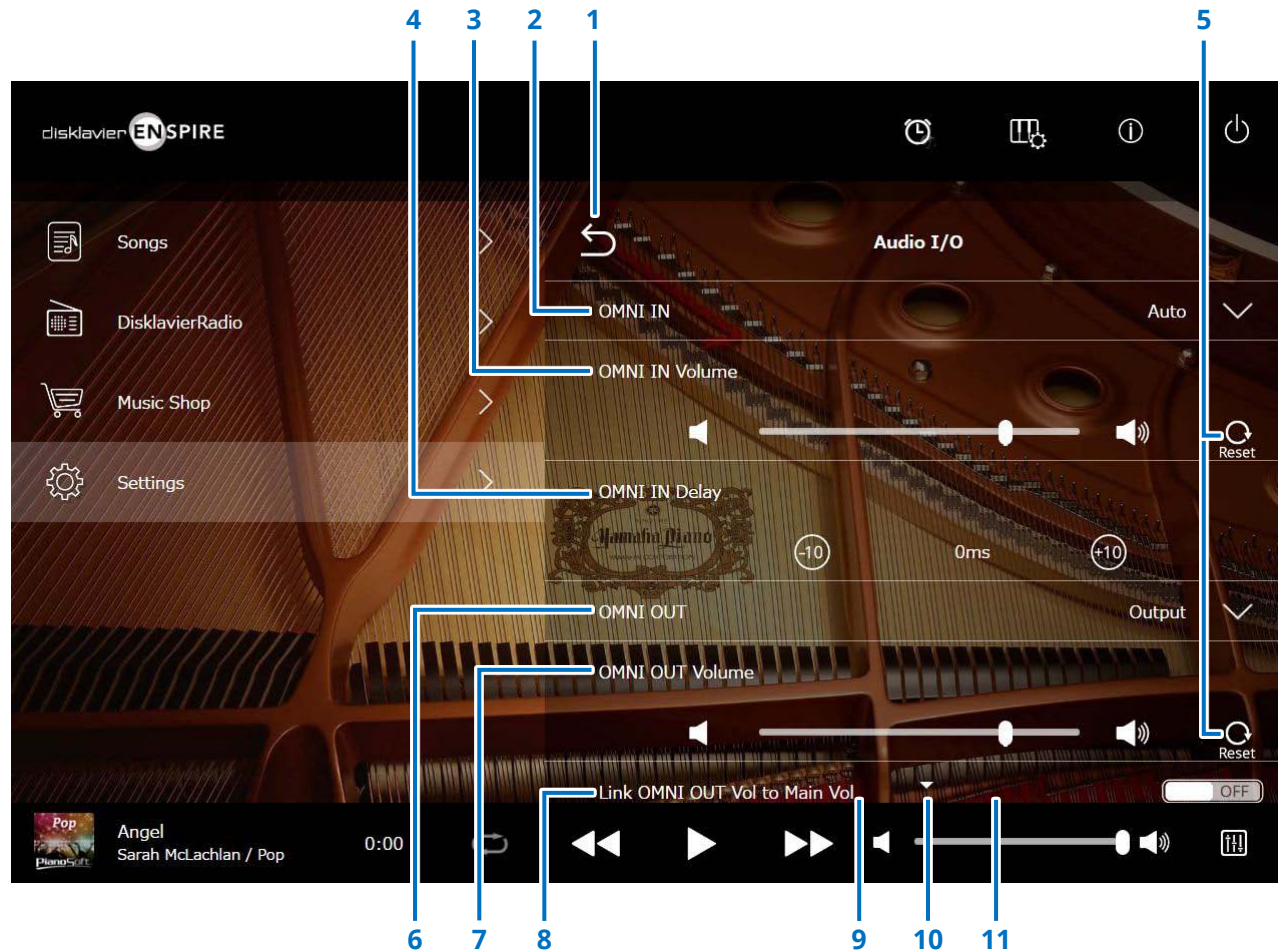
33

Setting the Disklavier for Audio Reception/Transmission

1 Return

Returns to the Connection screen.

2 OMNI IN

Selects the appropriate option to match the audio input to the OMNI IN jacks.
- **Auto:** Selects this to have the Disklavier detect the input signal automatically.
- **Audio:** Plays back audio from a connected audio device and reproduces the sound from the monitor speaker(s).
- **OFF:** Cancels the audio reception to the OMNI IN jacks.

3 OMNI IN Volume

Adjusts the volume of the incoming audio signals to the OMNI IN jacks.

4 OMNI IN Delay

Adjusts the length of the offset time that leads the actual playback of the entire recording. The offset time can be set over a range of 0 ms to 500 ms. Decrease this value to delay the piano playing, and increase to advance the piano playing.

5 Reset

Resets the volume to its default value.

6 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:** Outputs only the piano part
- **OFF:** Cancels the audio transmission from the OMNI OUT jacks

7 OMNI OUT Volume

Adjusts the volume of the outgoing audio signals from the OMNI OUT jacks.

8 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.

Scrolling down the screen calls up the following item:

9 DIGITAL OUT

Selects the desired audio to be output from the DIGITAL 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:** Outputs only the piano part
- **OFF:** Cancels the audio transmission from the DIGITAL OUT jacks

10 DIGITAL OUT Volume

Adjusts the volume of the outgoing audio signals from the DIGITAL OUT jacks.

11 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 over a range of 0 ms to 500 ms.

Setting the Disklavier for MIDI Data Reception/Transmission

Tapping the MIDI I/O button calls up the MIDI I/O screen, letting you select the kind of the incoming/outgoing MIDI signals. The following options should be set up in advance.
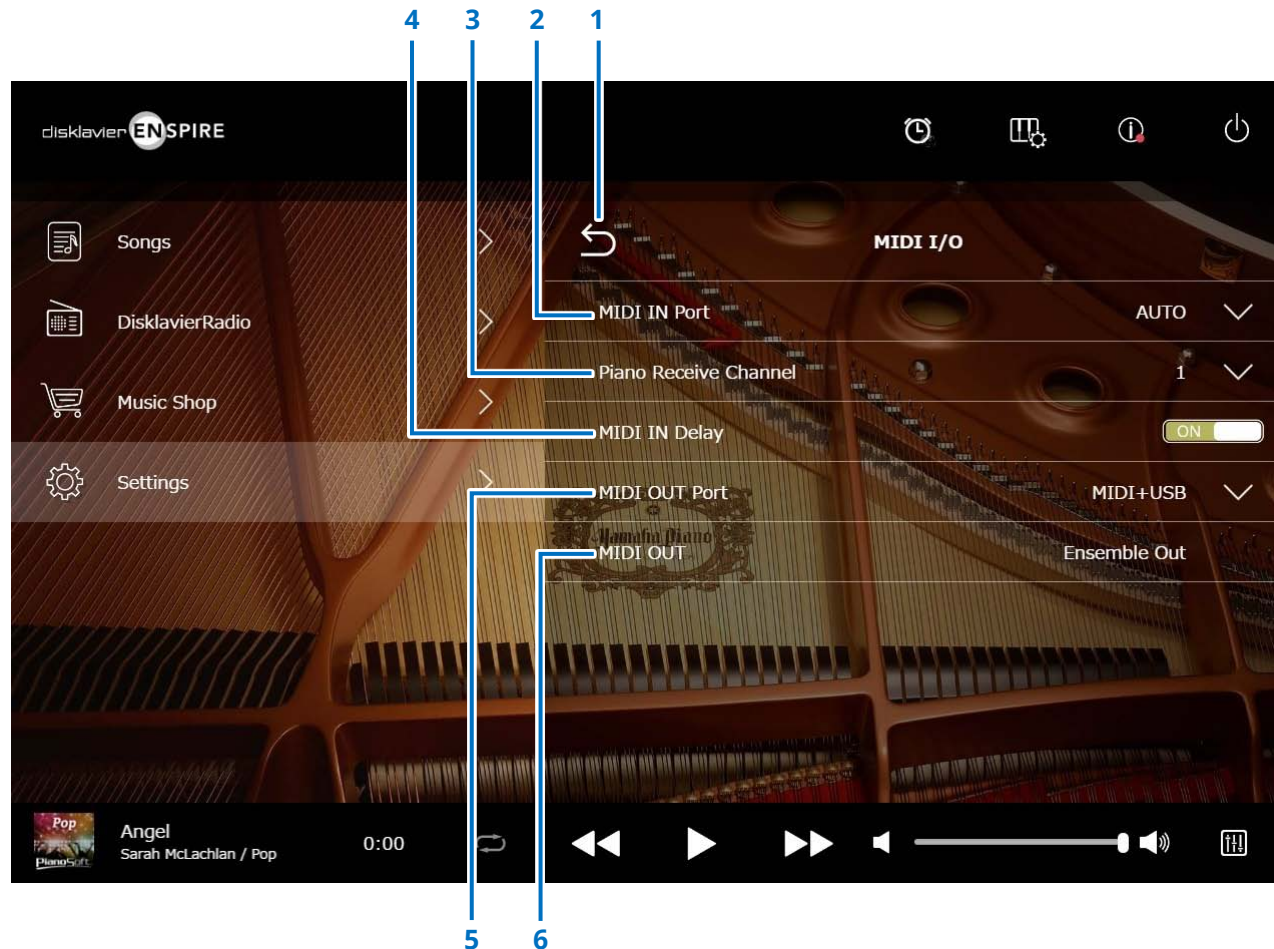
Setting the Disklavier for MIDI Data Reception/Transmission

1 Return

Returns to the Connection screen.

2 MIDI IN Port

Selects the jack/port used for data reception.

- **Auto:** Sets the Disklavier to 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) 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 channels 1 and 2
- **Program:** Selects the smallest number channel assigned to the piano group voice to be played on the Disklavier
- **Program All:** Selects all channels for the piano group voice to be played on the Disklavier

4 MIDI IN Delay

Applies a delay to the incoming MIDI data to eliminate delays that may occur in producing the sound of 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 data reception.

5 MIDI OUT Port

Selects the jack/port used for 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

6 MIDI OUT

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

- **Ensemble Out:** Transmits the ensemble part played back on the Disklavier

Special Playback Screen

Tapping the Special Playback button calls up the Special Playback screen.
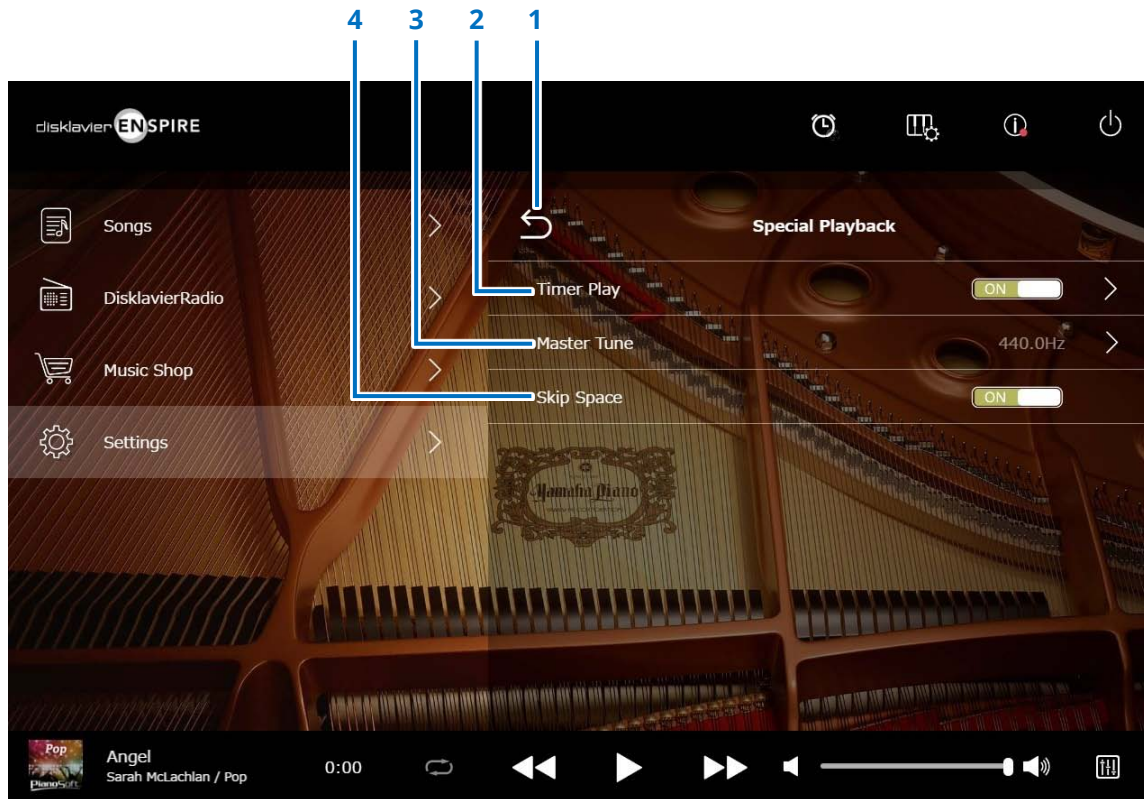
1 Return
Returns to the Settings screen.

2 Timer Play `More`
You can program your Disklavier to start or stop playback of a Song at various specified times.
When this switch is OFF, all timer settings are off.

3 Master Tune
Calls up 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 over a range of 414.8 Hz to 466.8 Hz (default: 440.0 Hz). This is useful when playing the piano with other instruments.

4 Skip Space
Turns the Skip Space function on or off. When there is a blank part at the beginning of the Song, turning this function on automatically skips over the unwanted part and starts playback from the actual beginning of the Song.

Timer Play Screen

You can program your Disklavier to start or stop playback of a Song at various specified times.
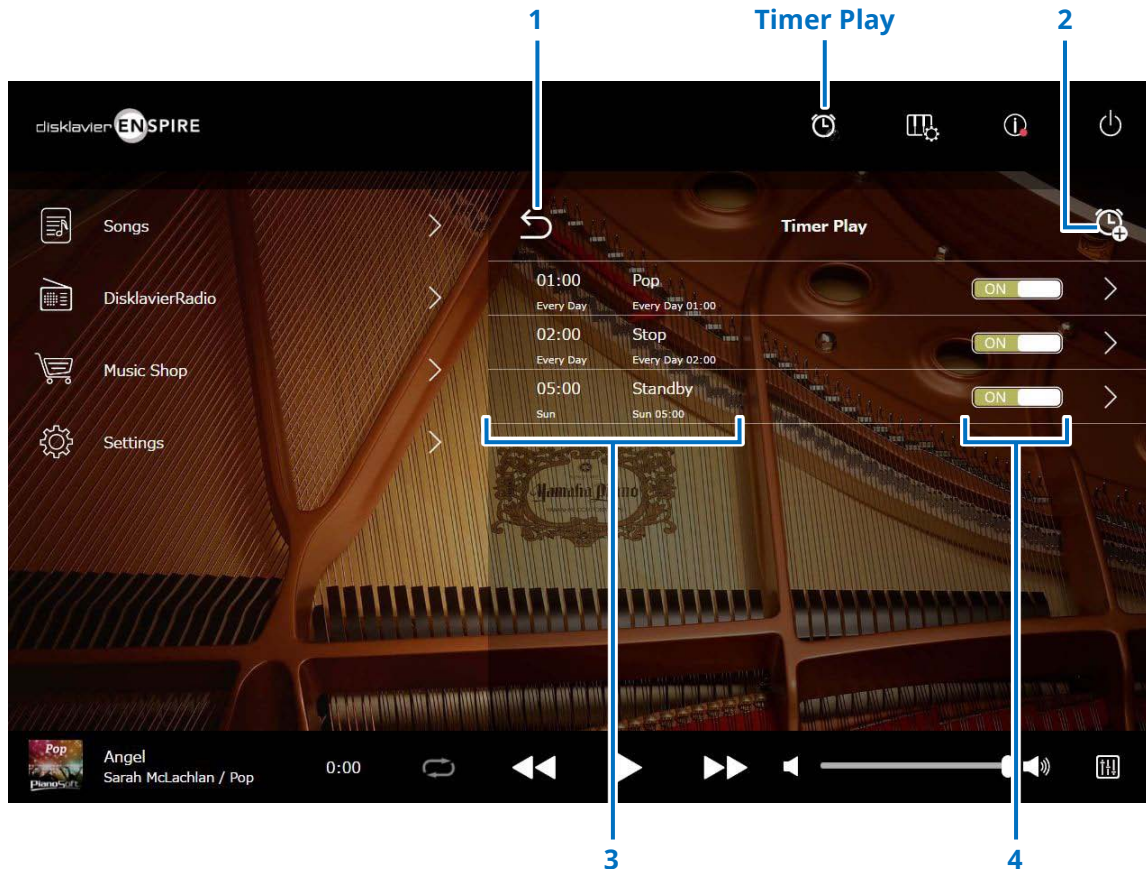
Timer Play

1 Return
Returns to the Special Playback screen.

2 Add the timer setting
Calls up the Timer Setting screen. `More`

3 Timer setting
Shows the Timer list you set in the Timer Setting screen.

4 On/Off setting switch
Determines whether Timer Play for the selection is on or off.

Timer Setting Screen

Tapping the Timer Setting button [icon] calls up the Timer Setting screen.
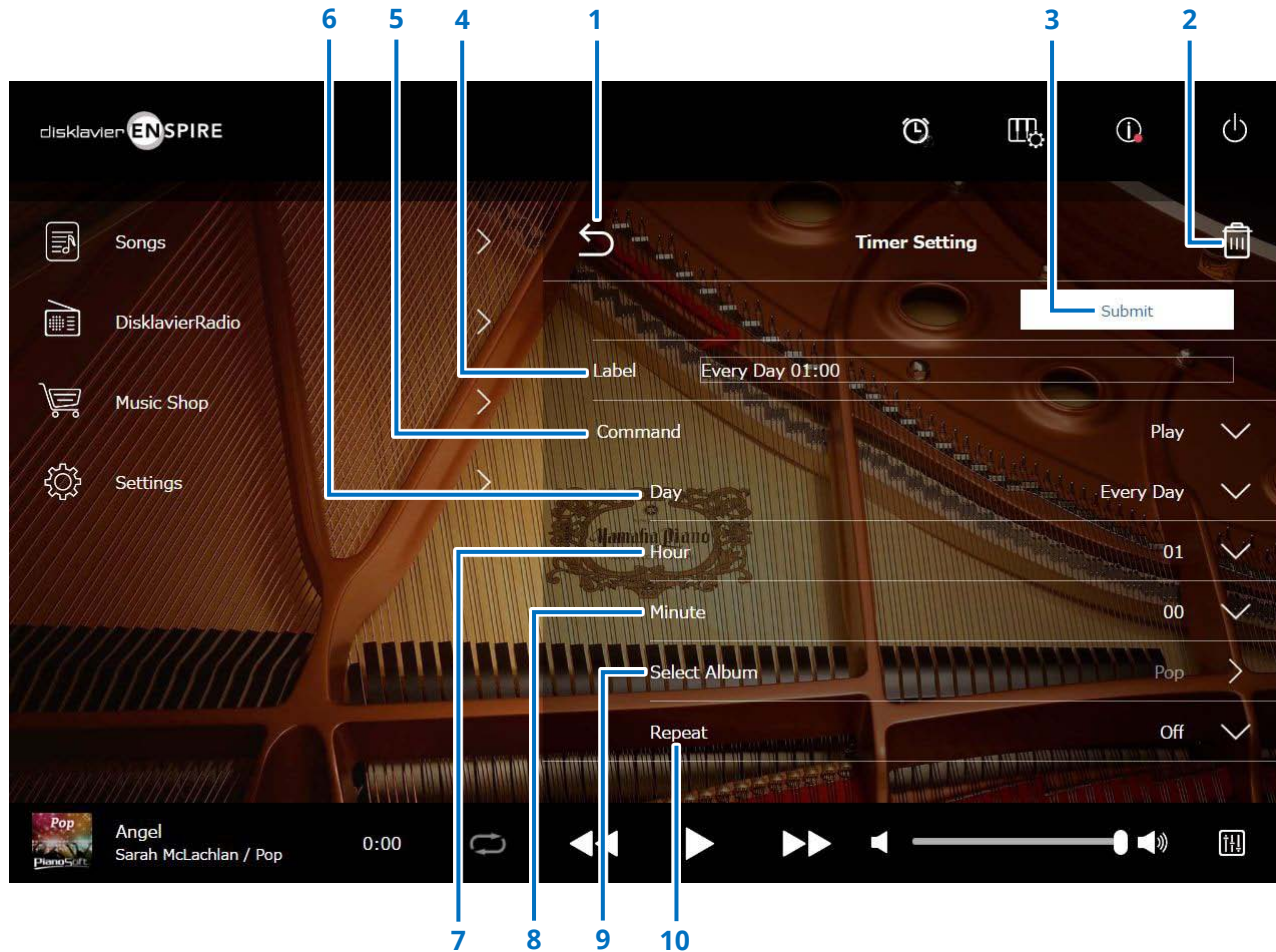
Timer Setting Screen

1   Return

Returns to the Timer Play screen.

2   Delete

Deletes the selected timer setting.

3   Submit

Confirms the settings.

4   Label

Names the timer setting.

5   Command

Determines the action taken at the timer position.
- **Play:**   Starts playback of Songs at the setting time.
- **Stop:**   Stops playback of Songs.
- **Standby:** Turns off the Disklavier (standby mode).

6   Day

Selects the desired day.
- **Every day:** The timer play functions on every day of the week.
- **Sun – Sat:**   The timer play functions only on the specified date.
- **Mon to Fri:** The timer play functions on Monday thru Friday.
- **Mon to Sat:** The timer play functions on Monday thru Saturday.

7   Hour

Sets hours over a range of 00 to 23.

8   Minute

Sets minutes over a range of 00 to 59.

9   Select Album

Selects the desired Album.

10 Repeat
- **Off:**   Repeats off
- **One:**   Repeats the selected Song
- **Album:**   Repeats all Songs in the album
- **Album Shuffle:** Shuffles all Songs in the album

System Screen

Tapping the System button calls up the System screen.
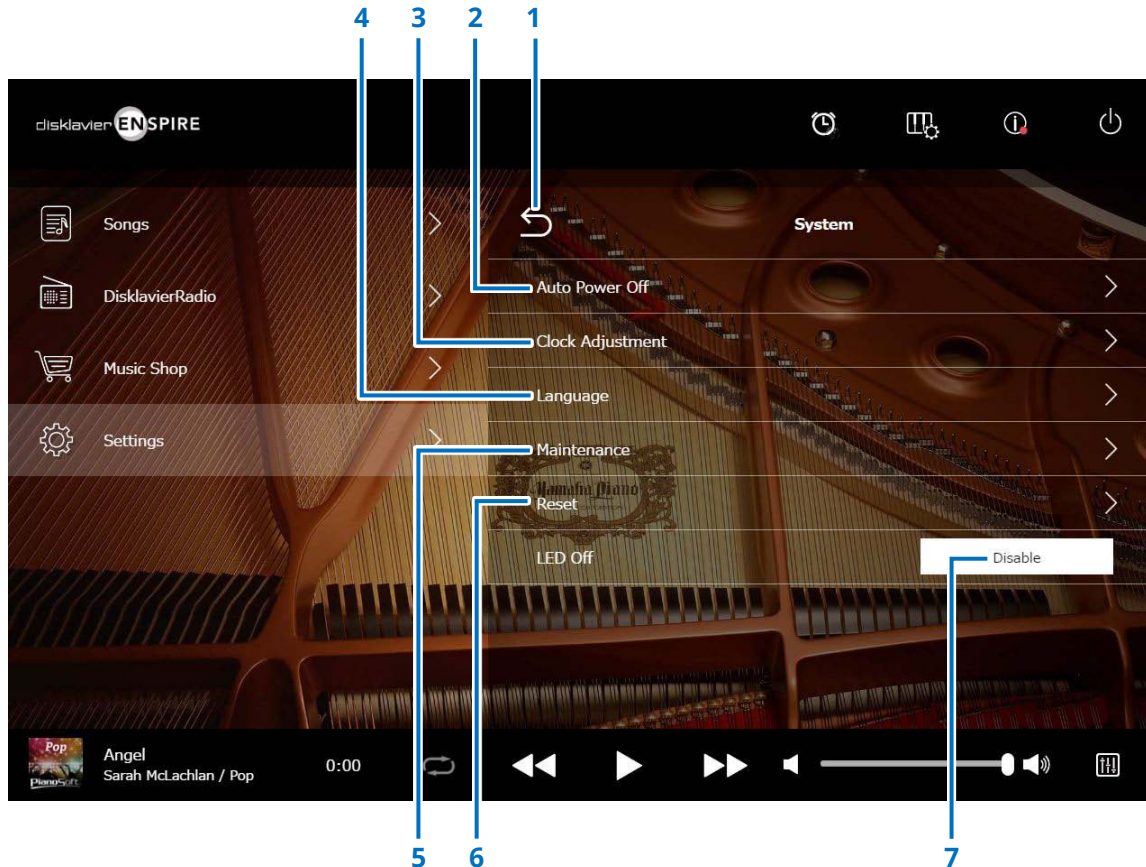
1 Return
Returns to the Settings screen.

2 Auto Power Off
Calls up the Auto Power Off screen, letting you specify the amount of time for the Auto Power Off function.

3 Clock Adjustment
Calls up the Clock Adjustment screen, letting you adjust the internal clock and set the time zone for your area.

4 Language
Calls up the Language screen, letting you switch the language for the app screen between English and Japanese.

5 Maintenance
Calls up the Maintenance screen. Diagnostic operations may be occasionally required. If so, perform the diagnostics from this screen.

NOTE
Do not execute the diagnostics from the Maintenance screen on your own, without receiving instructions from qualified service personnel.

6 Reset
Opens the Reset pop-up window, letting you reset your Disklavier to its initial factory settings.

7 LED Off
Determines whether LED light on the switch box is on (LED off function is Disable) or off (LED off function is Enable.)

41

Screen Layout in Portrait View

Menu screen
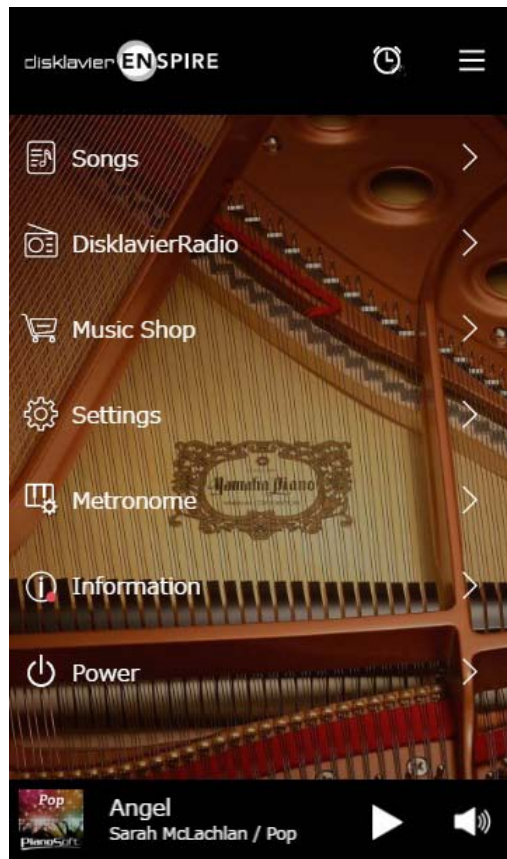
The upper area includes the following controls:
- **Logo:** Calls up the Menu screen
- **Timer:** Calls up the Timer Play screen `More`
- **Menu:** Calls up the Menu screen

The middle area includes the following controls:
- **Songs:** Calls up the Songs screen `More`
- **DisklavierRadio:** Calls up the DisklavierRadio screen `More`
- **Music Shop:** Calls up the Music Shop screen `More`
- **Settings:** Calls up the Settings screen `More`
- **Metronome:** Calls up the Playing Function screen `More`
- **Information:** Calls up 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
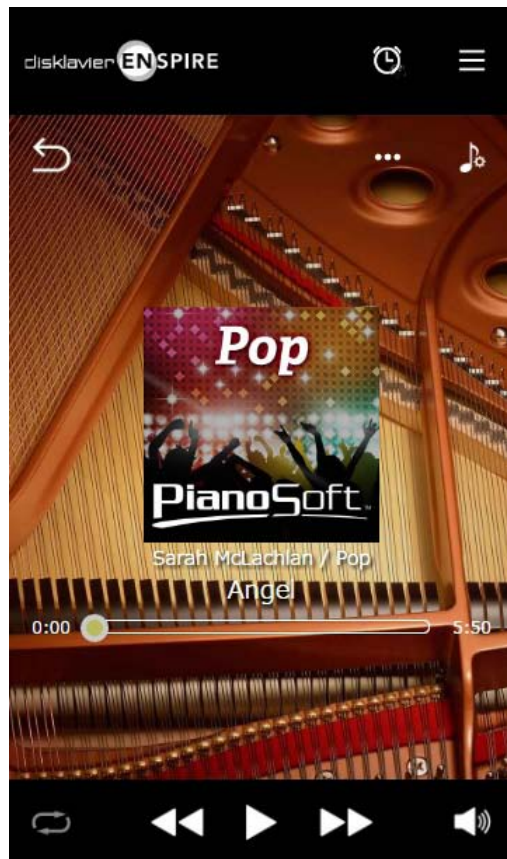
The Playback screen shows:
- Cover art (or default image)
- Song title
- Artist
- Album title

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

The middle area includes the following controls:
- **Return:** Returns to the previous (higher level) screen `More`
- **Editing:** Calls up the Editing screen `More`
- **Practice Function:** Calls up 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 cannot 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 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. If so, 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 if necessary.
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.

Video Synchronized Playback

Symptom	Remedy
Synchronized Songs are not played back.	Make sure that the audio channels of the DVD recorder are correctly connected to the Disklavier.
	Make sure that the input and output of the DVD recorder are correctly connected to the Disklavier.
	Make sure that the "OMNI IN" option on the Disklavier is set to "Auto."
Piano playback is not synchronized with the video.	The video picture may be delayed on the projection device. Adjust the offset time with the "OMNI IN Delay" to match the piano playing and the video picture.
The beginning of the piano performance drops out when you play back the synchronized Song.	It may take some time until the Disklavier recognizes the synchronized signal and the piano begins to play back. Select the synchronized Song in advance, and then start playback on the DVD recorder. Note that you should wait for a while before playing the piano after recording begins on the DVD recorder.