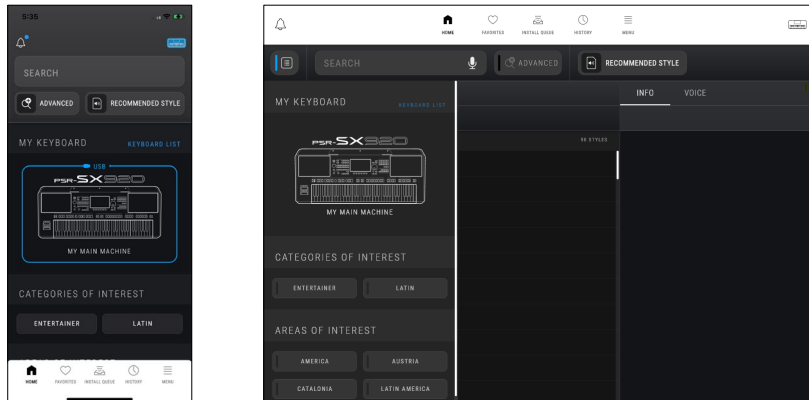




EXPANSION EXPLORER Owner's Manual



Information

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- The licenses to use within this software are described in "OPEN SOURCE LICENSE" in the MENU display of this app.

About this manual

- "NOTICE" messages in this Manual contain information that we ask you to follow in order to avoid the possibility of malfunction/damage to the product, damage to data, or damage to other property.
- "NOTE" messages in this Guide contain instructions and additional information that might be helpful.
- This Owner's Manual assumes that you are already familiar with basic operations on each operation system (Windows/Mac/Android/iOS). If you are not, please refer to the owner's manual of each operations system before using this application.
- The screen displays as illustrated in this Owner's Manual are for instructional purposes.
- Although the screen displays shown are based on a certain version for a certain OS, basic operations for this app are the same for any OS.

Introduction

EXPANSION EXPLORER (this app) enables you to intuitively install expansion contents (Voices, Styles, Multi Pad content, Songs) to compatible Yamaha arranger workstation keyboard. This allows you to play in a wider variety of genres and get greater enjoyment from your instrument, by using additional expansion content provided by Yamaha.

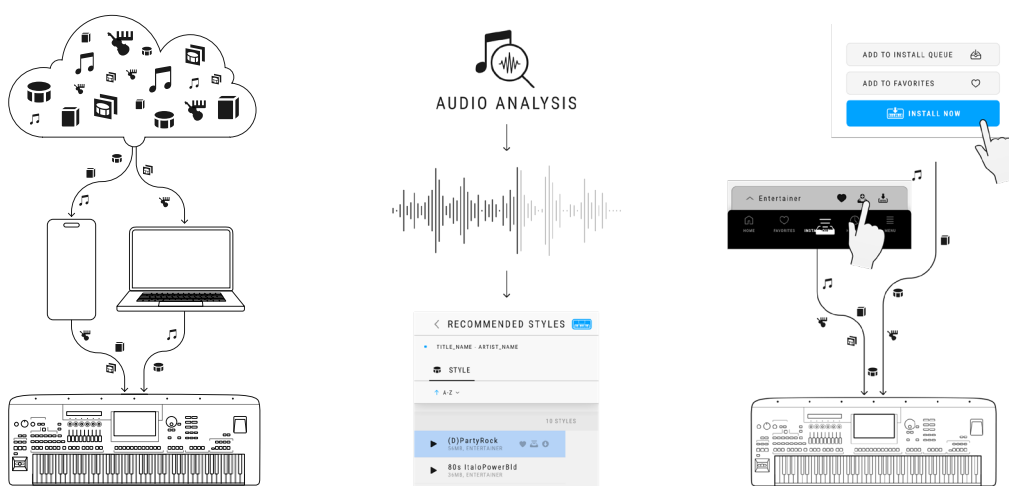
NOTICE: About Conflict with the Yamaha Expansion Manager App

The data installed on the instrument from EXPANSION EXPLORER and from Yamaha Expansion Manager cannot coexist. Only data installed later from one of the apps will be valid.

- If you perform a new installation using the Yamaha Expansion Manager, any expansion content installed from this app will be deleted from the instrument.
- If you perform a new installation using this app, any Expansion Packs installed using the Yamaha Expansion Manager will be deleted from the instrument.

What you can do with this app

- Search for and listen to Yamaha's expansion contents (Voices/Styles/Multi Pads/Songs).
- Install expansion contents to your instrument, with a minimum of one file. It is not necessary to install an entire pack at one time; also, additional content can be installed later.
- Analyze an audio file to find suitable expansion content for recreating that song by playing the keyboard.
- Check the remaining capacity of the instrument.



NOTE

Some instruments come with pre-installed Expansion content. This content will be removed when you install the content from EXPANSION EXPLORER for the first time. However, you can reinstall parts of the pre-installed content as you need, using EXPANSION EXPLORER.

What you CANNOT do with this app

The following cannot be done with this app. In these cases, please use Yamaha Expansion Manager.

- Install your original or third-party made expansion content (Voice/Style/Multi Pad/Song) to the instrument.
- Create your original expansion content.

Compatible Instruments & Devices

This section explains compatible instruments and devices for the app (as of 2024/09/10).

For the latest information, please refer to the official app website via the link below:

https://manual.yamaha.com/mi/rt/expansion_explorer/website/

Compatible instruments

- PSR-SX920 (firmware version 1.10 or later)
- PSR-SX720 (firmware version 1.10 or later)
- Genos2 (firmware version 1.10 or later)

Operation systems compatible with this app

- Windows
- macOS
- iOS, iPadOS
- Android

Quick Guide

This section explains the main usage of this app.

Find and install desired content

You can find suitable expansion content for the song you want to play, and then install it on your instrument.

1. Connect to your instrument, and then make initial settings on the app.

⇒ [Setting Up](#)

2. Search for and listen to the desired expansion content.

⇒ [HOME display](#)


3. Install the desired expansion content

There are two ways to install.


- **Installing a single portion of content at a time**

3-1. Click/tap on  in the [detail display](#) of each content.

- **Installing multiple content together**

3-1. Click/tap on  in the [detail display](#) of each content.

The content is added to an "install queue."

3-2. Click/tap on  in the [INSTALL QUEUE display](#).

All contents in the queue will be installed to your instrument. After the installation is complete, the queue will be empty.

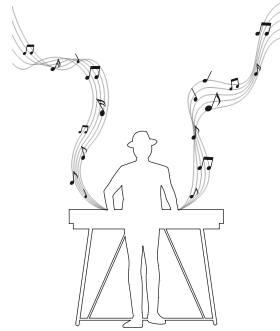
NOTICE

- **When using this app on a smart device, do not put the app into the background while installing content on your device until the completion notification is displayed, as this may cause the installation to fail.**

NOTE

- The time it takes to install varies depending on the size of the content you are installing. (Reference: several minutes to about 20 minutes per content)

- 4.** Installation is complete! Play your instrument using the newly installed content.



Explore expansion content without an instrument (DEMO mode)

You can search for and listen to expansion content even if you don't have a compatible instrument handy.

- 1.** Enable the DEMO mode.

- ⇒ [First-time setup](#)
- ⇒ [MENU display](#)

- 2.** Search for and listen to the desired expansion content.

- ⇒ [HOME display](#)

Setting Up

This section describes preparations you need to make before using the app.

- An internet connection is required.
- For iPhone/iPad and Android apps, you must first confirm some permissions (see below).

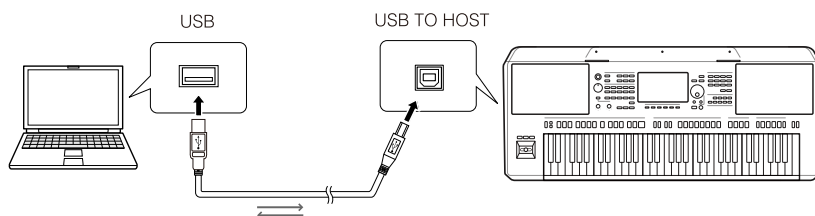
Connecting to the instrument

This section explains how to connect the device and the instrument to each other. Final connection settings on the app will be done when you launch the app for the first time, or just before installing the content.

Cable connection via USB

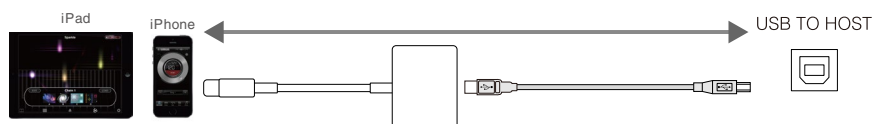
For the computer:

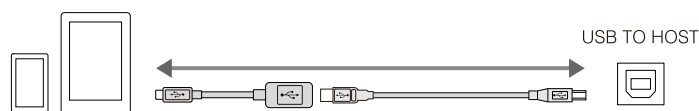
Connect the USB terminal (Type A or C) of the computer to the [USB TO HOST] terminal (Type B) of the instrument via a USB cable.



For the smart device (iPhone/iPad/Android):

Connect the smart device to the [USB TO HOST] terminal (Type B) of the instrument via a conversion adapter and USB cable. The diagram below is an example.



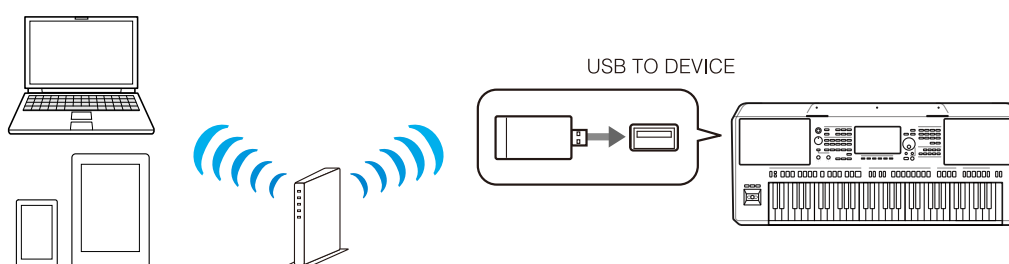


The shape of the connector and the required conversion adapter will vary depending on the device you use. For more details on connections, please refer to the "[Smart Device Connection Manual](#)" on the website.

Wireless LAN connection

Connect the computer/smart device and the instrument to the same access point (within the same LAN) via wireless LAN connection.

Connect the instrument to the access point using Infrastructure mode.



NOTE

- Both your computer/smart device and your instrument must be connected to the Wireless LAN access point using the 2.4 GHz band.
- You may need the Wireless LAN Adaptor UD-WL01 (sold separately) to use a Wireless LAN connection with the instrument. For details, please refer to the owner's manual for your particular instrument.

Confirming permissions (for smart devices)

To use this app, the following permissions are required. When a permission request is displayed on your smart device when you start the app, make sure to allow it.

- Accessing media (audio, video, etc.) in the device
- Using the network

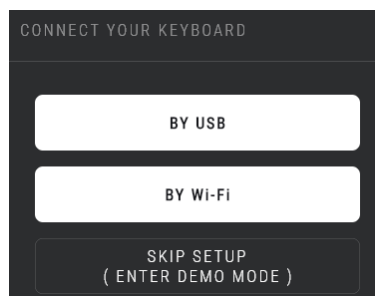
Settings for when the app is first launched

When you start the app for the first time, configure the following settings in order.

Select your country/region

Select your country or region. This allows Yamaha to provide ideally appropriate expansion content for your region.

Connecting an instrument

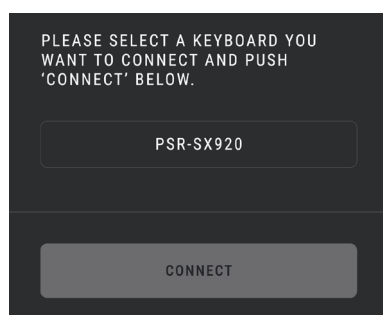


- **[BY USB]:** Connects to the instrument via a cable connection.
- **[BY Wi-Fi]:** Connects to the instrument via a wireless LAN connection.
- **[SKIP SETUP]:** Does not connect to an instrument and enters demo mode.

If you select [BY USB] or [BY Wi-Fi], connection instructions are displayed.

Click/tap [NEXT] to proceed.

When a compatible instrument is found, the name of the instrument will be displayed.



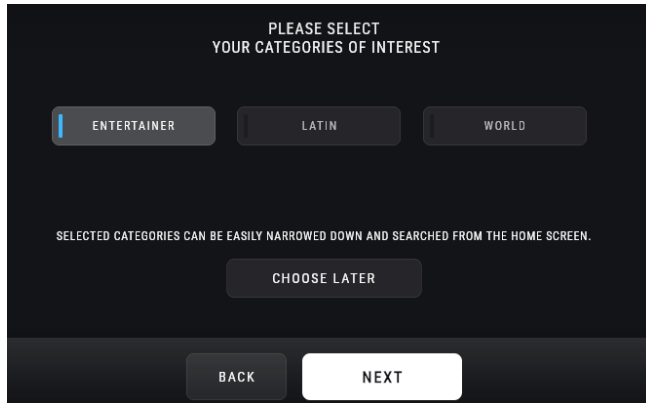
Select the instrument, and then click/tap [CONNECT] to confirm.

A message appears indicating the connection is complete.

NOTE

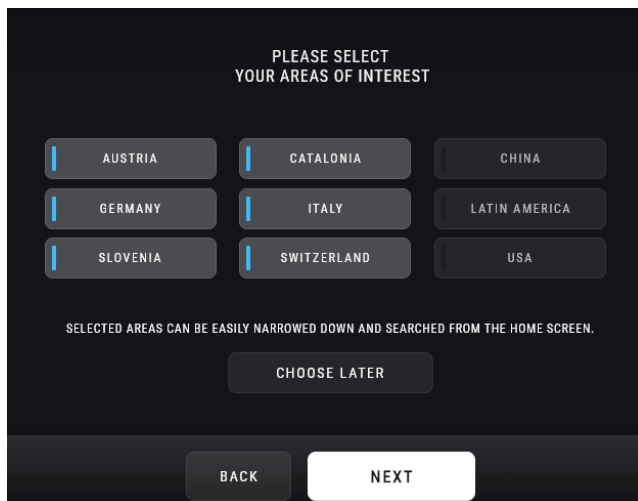
If the app is having trouble finding your instrument, see [Troubleshooting](#).

Select categories that interest you



Turn on the categories you want to display as a filter option on the HOME display. Tap/click [NEXT] or [CHOOSE LATER] to proceed to the next step.

Select the countries and regions you are interested in



Turn on the areas you want to display as a filter option on the HOME display. Tap/click [NEXT] or [CHOOSE LATER] to proceed to the next step.

This completes the settings for the first time launch of the app.

NOTE

- This series of first-time settings can be called up again by selecting [INTRODUCTION] on the [MENU display](#).
- The items you set initially can be changed on the [MENU display](#).
- The instrument to be connected can be changed on the [MY KEYBOARDS display](#).

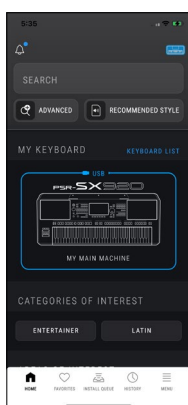
Displays (Overview)

Differences in screen layout for each device

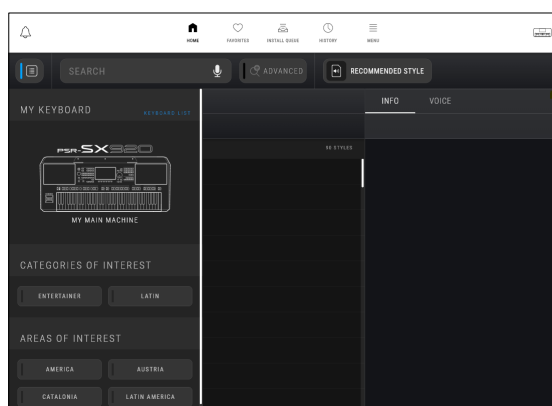
This section explains the screen differences for various devices (Windows, Mac, iPad, iPhone, Android).

- The positions of icons are different, but the operations and functions are the same on each display.
- iPhone and Android are set to portrait orientation. The menu bar is at the bottom.
- Computers (Windows, Mac) are landscape orientation. Also, iPad is also fixed to the same landscape orientation as computers. The menu bar is at the top.

iPhone/Android



Windows/Mac/iPad



Basic operations

This section explains the basic operations for the displays.

Calling up each display

- Click/tap the icon as shown below on the menu bar to switch among these main displays.

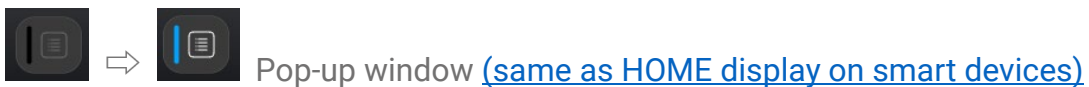


[HOME](#) / [FAVORITES](#) / [INSTALL QUEUE](#) / [HISTORY](#) / [MENU](#)

- The icons on the top left and right of the screen will call up the following displays regardless of the current display.



- (Windows/Mac version only) Click/tap the appropriate icons below on the HOME display to call up the relevant pop-up window. Press the same icon again to close it.






- Click/tap the icon below on the HOME display to access the function.




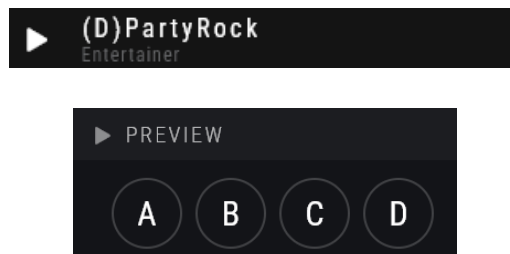
Closing the display

You can close the active display by one of the following operations. The operations for each display differ depending on the OS and display.

- Click/tap the  **HOME** icon
- Click/tap the same icon again that called up the display
- Click/tap the  icon
- Click/tap the  **CANCEL** (cancel) icon
- Perform the "return" operation on a smart device.

Preview the content

Tap/click the  icon on the search results display or "PREVIEW" on the detailed information display to play a preview of the content.



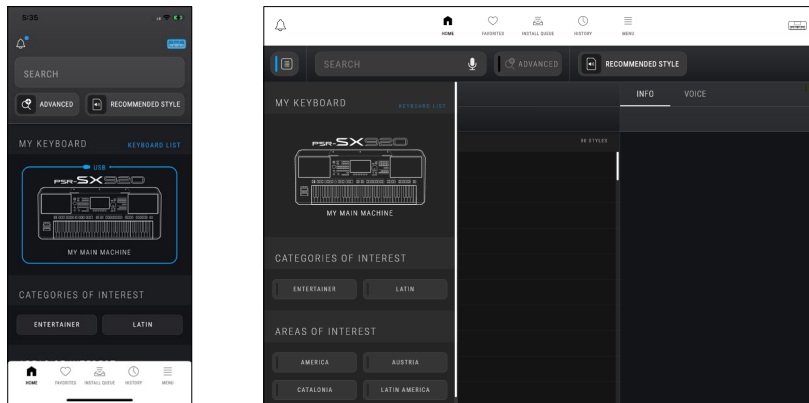
NOTE

If you are using Genos2 via a USB connection, the preview sound will be played as audio input to Genos2. So, monitor the preview sound using headphones/speakers connected to Genos2.

Displays (Detail)

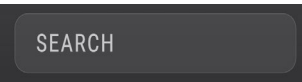
HOME



This display is the starting point. From here you can search for content and access other displays.



 ⇒ [NOTIFICATION display](#)

 ⇒ Instrument capacity usage indication, [USER DRIVE display](#)

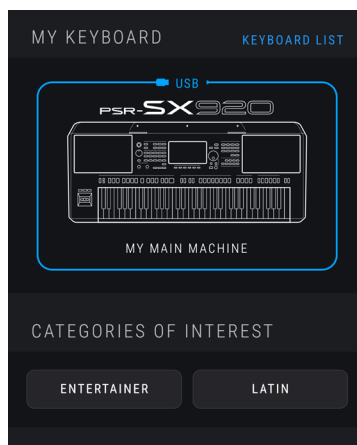
 ⇒ [search result display](#) from word entry

 ⇒  For the computer/iPad version, this turns the pop-up window on/off. (This window is the same as the HOME display on the smart device version.)

 ⇒  [Advanced search display](#)

 ⇒ [Style recommendation function](#)

On the smart device version of the HOME display, the following are available:



- **MY KEYBOARD:** For checking the connection status with the instrument, and opening the [KEYBOARD LIST display](#)
- **CATEGORIES OF INTEREST:** For filtering contents by selected category
- **AREAS OF INTEREST:** For filtering contents by selected area

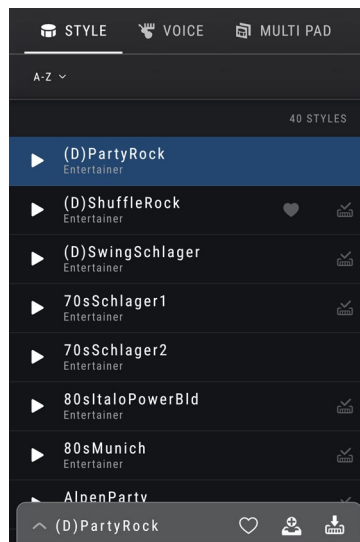
While a connection to the instrument is active, a blue line surrounds the instrument illustration, and the connection type is shown.

Search results/detailed information

You can preview each content, register it as a favorite, and install/remove it from the instrument.

For the computer/iPad version, these are displayed on the HOME screen.

Search results



Selecting a content name calls up the detailed information display.

- **Smart Device version:** A menu for calling up the display or other operations is shown at the bottom.
- **Computer/iPad version:** The detailed information display is shown directly on the right.



Plays the selected preview



Calls up the detailed information display



For adding/removing content to/from the FAVORITES list

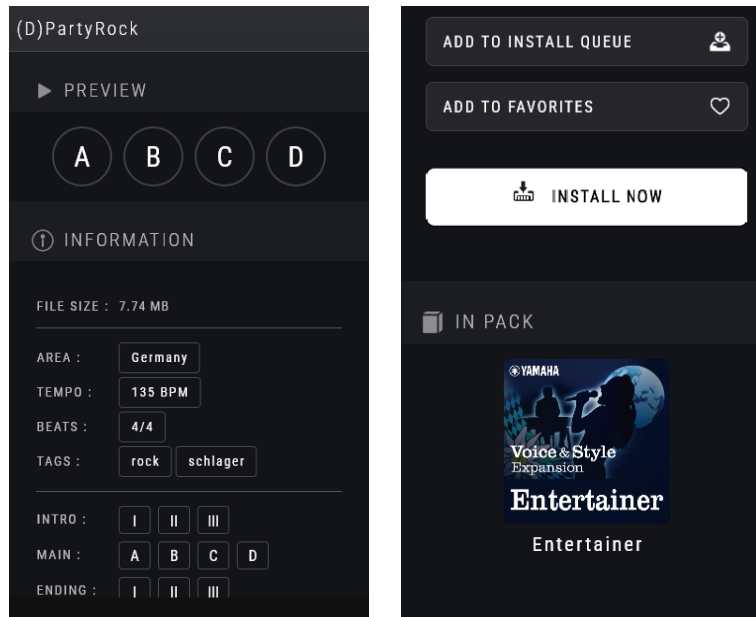


For adding/removing content to/from the INSTALL QUEUE



Immediately installs/removes the content on your instrument

Detailed information



▶ PREVIEW

A B C D

For playing each preview

ⓘ INFORMATION

Indicates content information (indication only)

ADD TO INSTALL QUEUE



For adding/removing content to/from the INSTALL QUEUE

ADD TO FAVORITES



For adding/removing content to/from the FAVORITES list



INSTALL NOW

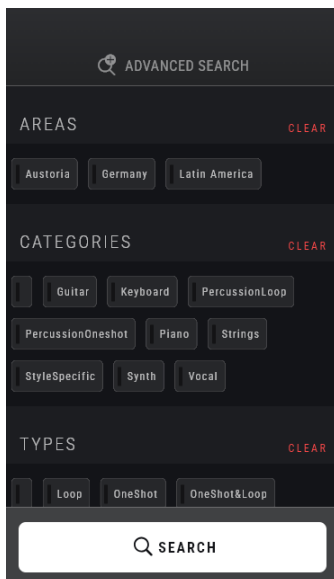
Immediately installs/removes the content on your instrument

📁 IN PACK

Displays information about the pack that contains the content

ADVANCED SEARCH

You can add various conditions to refine your search.



Each element (AREAS, CATEGORIES, etc.): Specify the filtering conditions.

INCLUDED

Set whether the content that meets the condition is shown in results or not.

- **FAVORITES:** Already added to FAVORITES
- **INSTALLED:** Already installed to the instrument

SEARCH

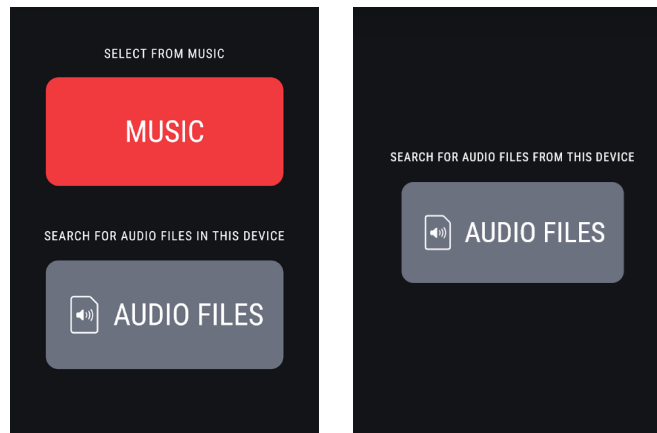
Perform a search using keywords and specified conditions.

NOTE

If you search by just entering the text input field instead of tapping/clicking [SEARCH] above, the search will not apply the advanced conditions, even if the advanced search display is shown.

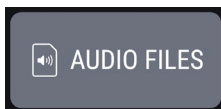
RECOMMENDED STYLE

This function analyzes an audio file and lists expansion Styles suitable for playing that music.



(iPhone/iPad version only)

For selecting an audio file from the "Music Library" of this iPhone/iPad and having it analyzed.



(common to all versions)

For selecting an audio file on your device and having it analyzed.

Supported formats:

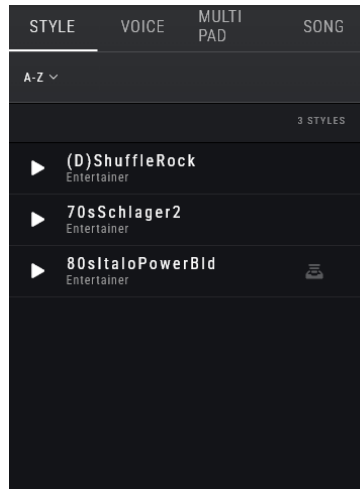
- WAV, MP3, AAC (Android/iPhone/iPad/Mac)
- WAV (Windows)

After tapping/clicking the icon and selecting an audio file, analysis starts.

When the analysis is complete, the search results display is shown with a list of recommended content. You can use it in the same way as [regular search results](#).

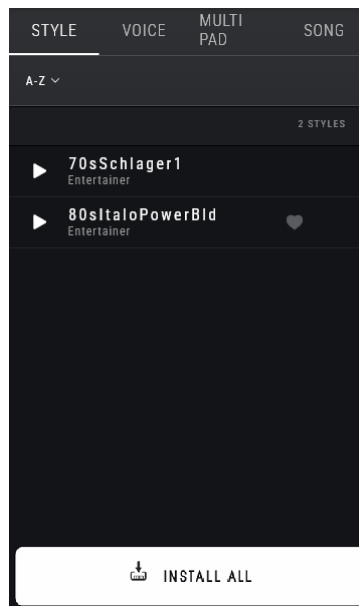
FAVORITES

You can easily access favorite content that you intend to repeatedly use, by adding them to this list from the search results display.



INSTALL QUEUE

This allows you to collect the content added to the INSTALL QUEUE list from the search results display and install it to your instrument all at once.



 INSTALL ALL

Install all the content in the list to your instrument at once.

NOTE

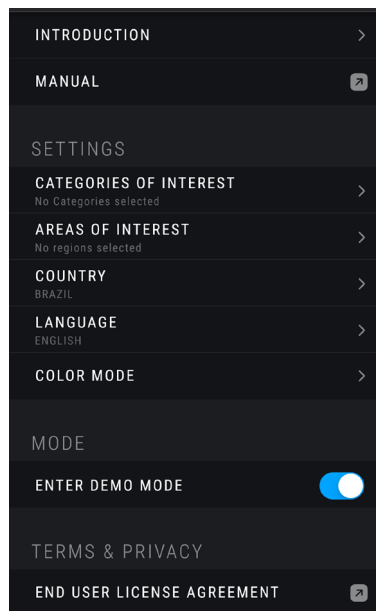
When the installation is complete, the INSTALL QUEUE list becomes empty.

HISTORY

You can check your installation history and preview play history.

MENU

You can change various settings, view the instruction manual, view the license information and check the software and firmware versions.



	INTRODUCTION	Calls up the initial setup sequence that runs when this app is launched for the first time.
	MANUAL	Calls up the Owner's Manual (this manual).
SETTINGS	CATEGORIES OF INTEREST	For setting categories which you want to display as a filter option on the HOME display.
	AREAS OF INTEREST	For setting areas which you want to display as a filter option on the HOME display.
	COUNTRY	For setting your own country or region. This allows Yamaha to provide ideally appropriate expansion content for your region.
	LANGUAGE	For setting the display language for this app.
	ENTER DEMO MODE	Switches between normal mode and demo mode.
MODE	COLOR MODE	Switches the color tone mode between dark and light.
TERMS & PRIVACY	END USER LICENSE AGREEMENT	Calls up the user license (web page) that you agreed to when you started using this app.
	PRIVACY	Calls up the privacy policy of this app (web page). You can also turn on/off whether to allow sending anonymous usage data to help improving this service from this item.

ABOUT	OPEN SOURCE LICENSE	Displays information about the software licenses used in this app.
	VERSION	Displays the version of this app.
	FIRMWARE VERSION	Displays the firmware version of the currently connected instrument.

Other displays

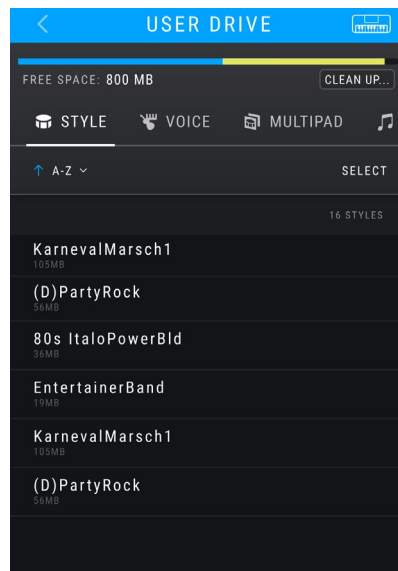
NOTIFICATION

Notifications from Yamaha are displayed.

USER DRIVE

Shows the contents of the User drive of the connected instrument.

You can also view and remove expansion content that has already been installed.



Removes the corresponding content from your instrument.



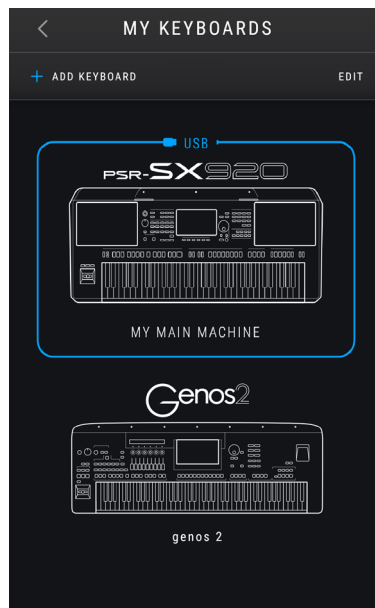
Performs cleanup of the waveform memory.

If you simply REMOVE a Voice, the waveform capacity for that Voice remains in use. This is unavoidable due to the way Voices work. However, by running CLEAN UP, you can remove unused waveforms from any Voice and maintain an optimum amount of free space for expansion Voices.

KEYBOARD LIST (MY KEYBOARDS)

Currently connected instrument and other registered ones are displayed.

You can switch instrument connection, delete registered keyboards, or add new one.



+ ADD KEYBOARD

Add a new instrument.

EDIT

Calls up the list editing display where you can delete registered instruments.

Instrument illustration: Switches to the connection for that instrument.

Installation Destination for Each Content

This section explains where the expansion content you install from this app will be placed within the instrument.

Content type	Install destination	Folder name
Style	User tab > User category	「STYLE_INSTALL_NOW」、 「STYLE_<name>」
Voice	User tab > Expansion category	「VOICE_INSTALL_NOW」、 「INCLUDED_VOICES」、 「VOICE_<name>」
Multi Pad	User tab > User category	「MULTIPAD_INSTALL_NOW」、 「MULTIPAD_<name>」
Song	User tab > User category	「SONG_INSTALL_NOW」、 「SONG_<name>」

<name>: This refers to the character string you determined when installing from the INSTALL QUEUE. The default value is the date of the installation.

Troubleshooting

Problem	Possible cause	Solution
Cannot connect to the desired instrument on the MY KEYBOARD display, or the app cannot find the instrument when you try to connect via wireless LAN.	Some communication error has occurred.	Restart both the app and your instrument, and then try connecting again.
	<ul style="list-style-type: none"> • Some of the devices and instruments are connected via a wireless LAN other than 2.4 GHz. • Not all devices/instruments are connected to the same LAN access point. 	Connect both the instrument and the device to the same wireless LAN access point (same SSID) via the 2.4 GHz communication band.
Cannot install content on the desired instrument.	There is not enough free space on the instrument.	Remove unnecessary content to free up memory space. NOTE <ul style="list-style-type: none"> • The waveform capacity will remain in use if you simply remove a Voice. Execute CLEAN UP on the USER DRIVE display to properly free up memory capacity. • The INCLUDED_VOICES folder of VOICE may contain Voices that were automatically installed when you installed the Style but are no longer used because the Style has already been removed.
When playing a preview, there is no sound from the device.	The volume setting on the device is 0.	Adjust the volume on your device.
	The instrument is Genos2 and is connected via USB.	When the instrument is Genos2 and is connected via USB, the preview playback sound will automatically be set on Genos2 to the USB audio input. Make sure to listen to the sound on headphones/speakers connected to Genos2.

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