Manual: How to connect YAMAHA Genos keyboard mit SongBook+



Document version 1.0.2

Table of contents

1	Introduction	.3
2 2.1 2.2	What are the benefits of connecting SongBook+ with Genos? SongBook+ controls Genos Genos controls SongBook+	.3 .3 .3
3.1 3.2 3.3 3.4 3.5	How do I connect SongBook+ with my Genos? Using WiFi to directly connect the keyboard Using a Bluetooth LE MIDI Adapter Using USB-MIDI directly to the keyboard Using a USB to 5-pin MIDI adapter Using a MIDI adapter that can be connected directly to iPad	.4 .6 .7 .7
4	Check the MIDI connection	.9
5	MIDI settings on keyboard1	L O
6	MIDI settings in SongBook+1	L O
7	Link a song to a registration1	1
8	Moving registrations in keyboard1	L 2

1 Introduction

This manual describes how to connect SongBook+ with the new Yamaha Genos keyboard.

Information how to connect Yamaha Tyros or Yamaha PSR keyboards can be found in another manual named *"How to connect YAMAHA keyboards with SongBook+"*. (The old connection as described in that manual is still possible with Genos, but we recommend to use the new connection as described here in this manual.)

2 What are the benefits of connecting SongBook+ with Genos?

2.1 SongBook+ controls Genos

When a song in SongBook+ is opened, SongBook+ can send MIDI commands to select the corresponding registration in the connected keyboard. So **you don't have to manually switch anything on keyboard during your performance to start playing the next song**.

2.2 Genos controls SongBook+

If you prefer to select your song from a registration on the keyboard, then the other direction of remote control is available. SongBook+ can automatically open the matching song and display the corresponding PDF file as soon as you select a registration on the keyboard.

3 How do I connect SongBook+ with my Genos?

3.1 Using WiFi to directly connect the keyboard

The Yamaha Genos has a build-in WLAN connector.

It can either connect an existing WiFi network (Infrastructure Mode) or act as WiFi Hotspot (Access Point Mode).

The Yamaha Genos can then act as a Wireless MIDI Server and SongBook+ is the Wireless MIDI Client. In the MIDI Settings of SongBook+ you activate the Wireless MIDI Client and add the IP address of the Genos as host.

The easiest way to connect the Genos is in "Access Point Mode". In this mode the keyboard creates its own WiFi network and you need to select in the WiFi settings of the iPad this WiFi network of the keyboard ("ap-Genos-..."). The IP address of the Genos is then 192.168.0.1.

Alternatively, you can integrate the Genos into an existing WiFi network, but the IP address of the Genos will then be different.



I Buch 1 ↑↓ 🗄	٩			<u>لې</u>	Edit
Ð	Settings		MIDI		
1					
1.000 mal belogen (001) *** - 1.000 mal belogen.pdf					
A					
Ab geht die Luzzi (125) *** - Ab geht die Luzzi.pdf					
Aber bitte mit Sahne Udo Jü Aber bitte mit Sahne Udo Jürgens J					
Aber dich gibt (265) ***** - Aber dich gibt.pdf					
Ain't Misbehavin Ain't Misbehavin.TIF					
All Schock up (010) *** - All Schock up test.pdf					
All Schock up copy (010) *** - All Schock up test.pdf	WIRELESS MIC	DI CLIENT			
Alles Geili Sieche (316) *** - Alles Geili Sieche ChueLe	Activate				\bigcirc
Alperose (145) *** - Alperose.pdf	Host	192.168.0.1			
An der Nordseeküste (166) ***** - An der Nordseeküste Ki	Port	5004			

In the keyboard you can find the settings for WiFi connection with the button "MENU", then change to the tab "Menu2"and select "Wireless LAN".

HOME	VOICE			
Menu		Menu1	Menu2	×
Voice Edit	Generation Style Creator Generation Style Setting Style Setting	Song Recordin Song Setting	g 💽 M.Pad	Creator Tutor
Ų Tuning	۰ الم	W Keyboard/Joystic	K Expa	nsion
MIDI	🔧 Utility	10:28 Solution Time	💎 Wirele	ess LAN
Wireless LA	N - Access Point Mode			×
Wireless Networ	k Setting			
SSID	ap-Genos-380533			
Channel	Ch11			
Security	WPA2-PSK(AES)			
Password	0000000			
IP Address Setti	ng			
DHCP Server	On			
IP Address	192.168.0.1			
Use the informa	tion above when connecting	a smart device.		
		Initialize Det	tail Mod	e

3.2 Using a Bluetooth LE MIDI Adapter

You can also find wireless MIDI Adapters that are recognized by the operating system of the iPad as Bluetooth MIDI LE devices and these can be used by compatible apps. Pairing of the adapter in the Bluetooth settings of the iPad is not needed. SongBook+ has a "Bluetooth LE MIDI devices" function to establish the connection to the adapter. (e.g. Yamaha MD-BT01, Yamaha UT-BT01, QuiccoSound mi.1, Zivix PUC+)

Note that the Bluetooth LE MIDI is supported only by iPad 3 or later.



🔲 Buch 1 🔶 🗄 🔍 🔮	🗾 🛄 Edit				
\oplus	SongBook+				
	Exit SongBook+				
1	About SongBook+				
1.000 mal belogen (001) ★★★ - 1.000 mal belogen.pdf	In-app purchases				
A	Restore in-app purchases				
Ab geht die Luzzi (125) *** - Ab geht die Luzzi.pdf	SongBook Sponsoring				
Aber bitte mit Sahne Udo Jürgens (254)	User manual				
Aber bitte mit Sahne Udo Jürgens.pdf	Show user manual				
Aber dich gibt (265) ***** - Aber dich gibt.pdf	Download user manual				
Ain't Misbehavin Ain't Misbehavin.TIF	Jingles				
All Schock up (010) *** - All Schock up test.pdf	Play jingles >				
All Schock up copy (010)	Stop jingle				
Alles Geili Sieche (316)	Other				
*** - Alles Geili Sieche ChueLee.pdf	Share folder via Wi-Fi				
Alperose (145) *** - Alperose.pdf	Open MIDI / Bluetooth Monitor				
An der Nordseeküste (166) ***** - An der Nordseeküste Klaus und Klaus.pdf	Bluetooth LE MIDI				
Angels Angels.pdf	Show connected SongBooks				
Anton aus Tirol (232)					

3.3 Using USB-MIDI directly to the keyboard

Keyboards with a USB to Host port can be connected using a USB printer cable. As the iPad doesn't have a USB connection, you need an adapter (commonly called a camera connector) to connect the iPad with the USB cable.



3.4 Using a USB to 5-pin MIDI adapter

Many USB to MIDI cables can be also used with the iPad. The cable is connected to the 5-pin MIDI port (either midi A or midi B). Since the iPad doesn't have a USB connection, you need a camera connector to connect the USB end of the cable to the iPad.



To avoid the adapter draining the iPad's battery, you can use an active USB Hub (with power supply) between the iPad and USB MIDI adapter.

3.5 Using a MIDI adapter that can be connected directly to iPad

You can also find MIDI cables that are designed for use with Apple iOS devices (iPad, iPhone, etc). For these cables, the camera connector is not needed.



Note that only a few of these adapters can charge the iPad while it's being used. Consider that feature when buying such an adapter.

(e.g. adapters like iConnectMIDI2+/4+, Alesis ioDock, Behringer iStudio IS202 or the iRig MIDI only in the old version 1 can charge the iPad.)

4 Check the MIDI connection

In the toolbar of SongBook+ you can find a MIDI button with integrated MIDI activity indicator.

There you can see if the MIDI connection is working correctly and the iPad is receiving MIDI signals from keyboard.

If the connection is not established automatically, you can find here also a function "Restart MIDI" to re-establish the connection.



5 MIDI settings on keyboard

There are no specific MIDI settings required in the keyboard.

6 MIDI settings in SongBook+

In MIDI settings of SongBook+ it is recommended to enable the switch "Show MIDI button in Toolbar".

MIDI-IN and MIDI-OUT must be enabled.

As control mode select "YAMAHA Genos Registrations (with link)".

[]] Buch 1 ↑↓ 📰	Q 🔮 💷	••• 👸 + Edit	
\oplus	Settings		
1	Live mode	\bigcirc	
1.000 mal belogen (001) *** - 1.000 mal belogen.pdf	Night mode		
A	Auto play		
Ab geht die Luzzi (125)	List view	Details in small font	
Aber bitte mit Sahne Udo Jürgens r	Current data folder		
Aber dich gibt (265)		⊕	
Ain't Misbehavin	Document view	U	Settings MIDI
All Schock up (010) *** - All Schock up test.pdf	Toolbar	1 1.000 mai belogen (001)	MIDI INPUT / OUTPUT
All Schock up copy (010) *** - All Schock up test.pdf	Search function	★★★ - 1.000 mal belogen.pdf	(Install
Alles Geili Sieche (316) *** - Alles Geili Sieche ChueLe	Gesture control	А	Show MIDI button in toolbar
Alperose (145) *** - Alperose.pdf	Playlists	Ab geht die Luzzi (125) *** - Ab geht die Luzzi.pdf	MIDI-IN enabled
An der Nordseeküste (166) ***** - An der Nordseeküste KI	Metronome	Aber bitte mit Sahne Udo Jürgens, Aber bitte mit Sahne Udo Jürgens,	MIDI-OUT enabled
Angels Angels.pdf	Media player	Aber dich gibt (265) ***** - Aber dich gibt.pdf	
Anton aus Tirol (232) * - Anton aus Tirol.pdf	Import lyrics and chords	Ain't Misbehavin Ain't Misbehavin.TIF	
Augen zu und durch (314) *** - Augen zu und durch.pdf	Foot pedal	All Schock up (010) *** - All Schock up test.pdf	
В	External monitor	All Schock up copy (010) *** - All Schock up test.pdf	
Baby Come Back (236)	MIDI	Alles Geili Sieche (316) *** - Alles Geili Sieche ChueLe	
Beautiful Body (159)	SongBook to SongBook connection	Alperose (145) *** - Alperose.pdf	
Black Is Black (126)	Other	An der Nordseeküste (166) ***** - An der Nordseeküste Kl	
Blue Bayou (215)		Angels.pdf	
		Anton aus Tirol (232) ★ - Anton aus Tirol.pdf	
		Augen zu und durch (314) *** - Augen zu und durch.pdf	
		В	
		Baby Come Back (236) ** - Baby Come Back.pdf	EASY KEYBOARD CONTROL Control WAMALIA Concer Depicter/ore (with link)
		Beautiful Body (159) ** - beautiful Body.pdf	Control mode TAMARIA Genos Registrations (With IIIAK) >
		Image: Settings Odder Image: Details in small font > Image: Details in small font > Odder Image: Details in small font > Image: Details in small font > Image: Details in small font > Image: Details in small font >	

Blue Bayou (215)

7 Link a song to a registration

Linking a song in SongBook+ with a registration bank or a specific registration is very easy and is done in 3 steps:

- 1. Open the song tob e linked in SongBook+
- 2. Select the registration bank or registration in Genos.
- 3. Execute the function "Now link the song" in SongBook+.

× <	> D 🗆 📴 🛄		Next song >	С
	Play			
	iPad Volume			
	Song volume			
	Auto play			
	Edit position markers			
	Move starting point			
	Record			
	Page / Finger pointer	×.		
	Zoom			
	Save zoom setting			
	Yamaha Keyboard Link			
	Now link the song			
	Jingles			
	Play jingles	>		
	Stop jingle			
	Other			
	Edit Song			

A short message is displayed to confirm successful linking.

Starting from then you can either select a song in SongBook+ or select a registration bank or registration in Genos and then the other is also changed automatically.

However, if you temporary want to disable automatic switching, press the MIDI button and remove the checkmarks from "MIDI-IN" and "MIDI-OUT".

Remark for former Tyros users:

If you still have enabled the switch "Send MIDI command on open" in your songs to change registrations on Tyros, please disable this switch in your songs.

Since Genos registrations can still be changed with these commands, it will conflict with the new link method.

8 Moving registrations in keyboard

If you move already linked registration banks in the keyboard or rename the folder containing linked registrations, then the link is broken.

You can then re-link the registration or registration bank with the function "Relink the song".

If SongBook+ detects that it is still the same registration bank but only the containing folder was renamed or moved, SongBook+ will search for other songs linked to registration banks in the same folder. If yes, you will be asked if the other songs should be modified also.