



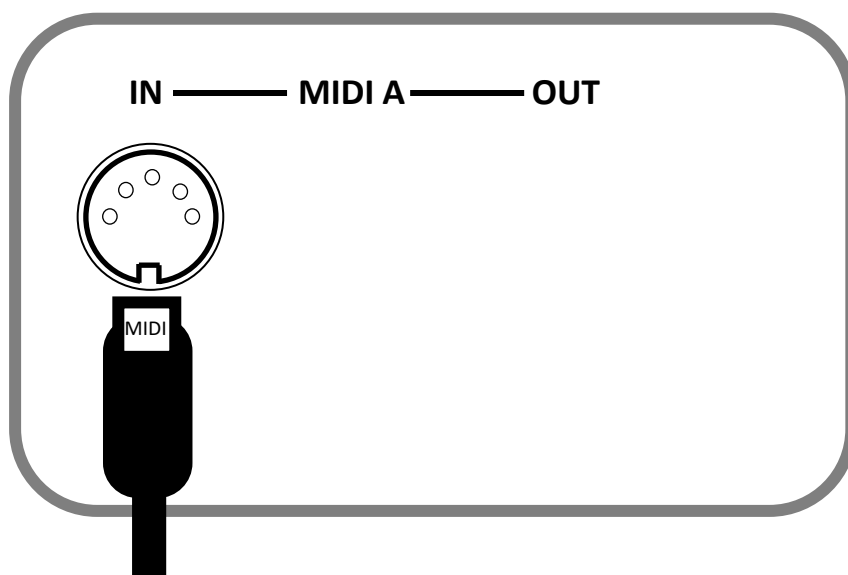
MIDI-footswitch for the devices

Yamaha Tyros and Genos

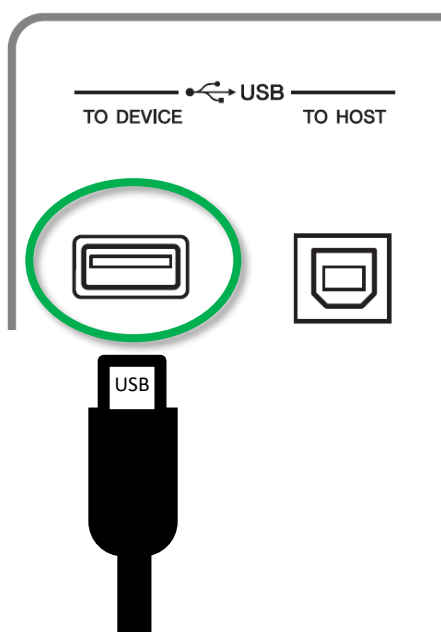
The foot switch can be used to conveniently switch the internal functions (e.g. Fill A or Intro 1) on the above-mentioned devices using your foot. The MIDI channel on which the foot switch sends can be changed on the foot switch.

Connecting the foot switch to the Tyros or Genos

Connect the MIDI connector of the foot switch to the Tyros/Genos (MIDI A IN or MIDI B IN).



Connect the USB plug of the foot switch to the USB socket (TO DEVICE) on the Tyros/Genos.



ADAPTER:

Connect the EC5 to the adapter and the adapter to the keyboard.

The green contrl LED on the foot switch/adapter then flashes three times.



Settings on the Tyros

On the Tyros, go to [MENU] ->[FUNCTION] -> [MIDI] ->Tab „All Parts“ and then -> EDIT.

Use the TAB Keys to select the „MFC10“ tab and make the following settings:

Select here which function the respective button on the foot switch should perform.

Select MIDI A oder MIDI B here, depending on which MIDI input the foot switch is connectet to.

MIDI

SYSTEM TRANSMIT RECEIVE BASS CHORD DETECT MFC10

FOOT SWITCH SETTING

SWITCH NO.	NOTE	FUNCTION
0	C#-1	MAIN A
1	D-1	MAIN B
2	E $\flat$ -1	MAIN C
3	E-1	MAIN D
4	F-1	FILL BREAK
5	F#-1	SYNCHRO STOP
6	G-1	MAIN A

FOOT CONTROLLER SETTING

CONTROLLER NO.	CC	FUNCTION	PART
1	7	EXPRESSION	RIGHT1
2	1	OFF	RIGHT1
3	2	OFF	RIGHT1

*Mit Ausnahme von STYLE-Parts.

Buttons 1-4 are mapped to switches 0-4. The MIDI input is set to MIDI A. The MIDI channel is set to 1.

Set the MIDI channel on which the Tyros should receive the data.

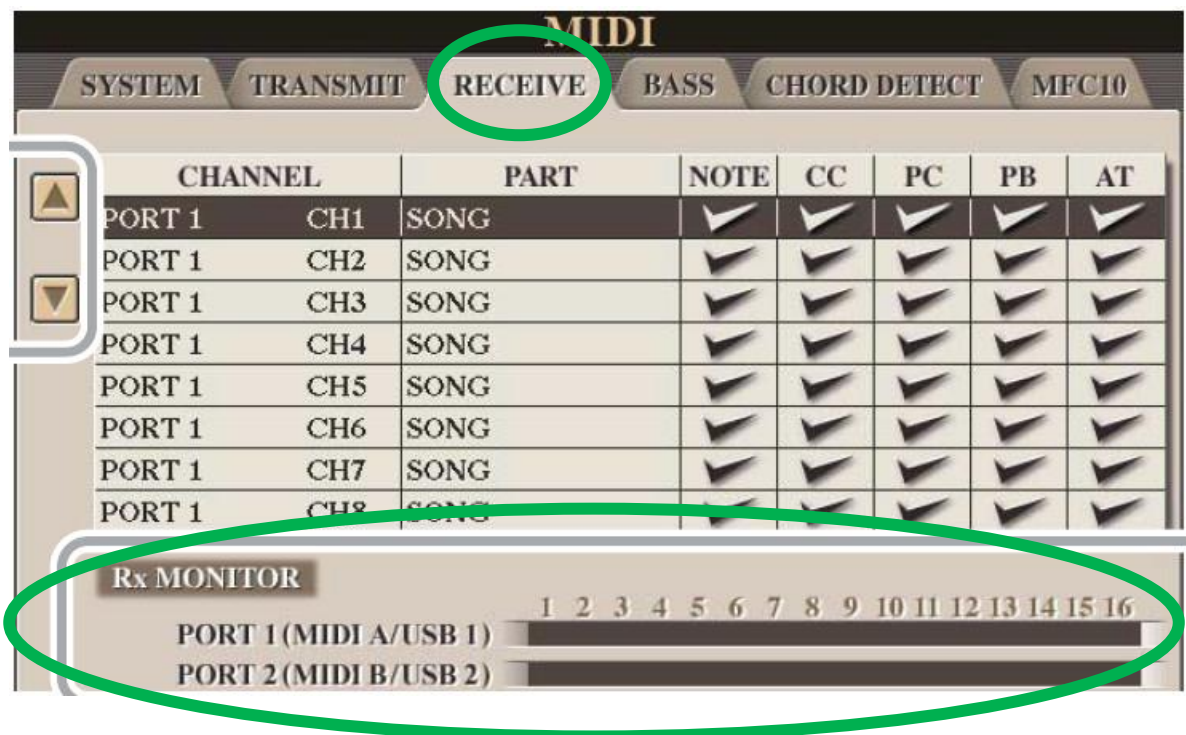
After all settings have been made, leave the page with **EXIT**, use the **TAB switch** to switch to the **USER area** and then use **SAVE** to save the settings under a name of your own.

Each time a button on the foot switch is pressed, the green control LED lights up.



If the foot switch does not perform the selected functions, it may be that the wrong MIDI channel is set. To do this, go to the "Receive" menu item. If a button is now pressed on the foot switch, the Rx monitor can be used to check which port and MIDI channel the foot switch is currently sending MIDI data on. The MIDI channel can now be adjusted on the Tyros or on the foot switch itself.

NOTICE: If the MIDI channel on the footswitch and the Tyros match, **nothing** will be displayed in the Rx Monitor!



**Tyros (here Tyros 5)**

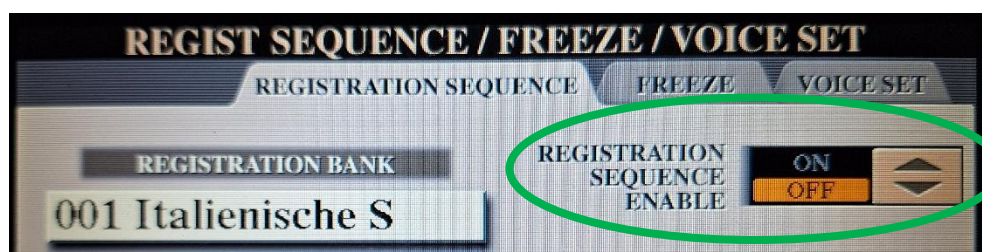
One of the following Tyros functions can be assigned to each button of the EC5:

Articulation 1/2 Right 1/2/3, Left	Intro 1-3
DSP Right 1	Main A-D
DSP Right 1 Variation	Fill Down
DSP Right 2	Fill Self
DSP Right 2 Variation	Fill Break
DSP Right 3	Fill up
DSP Right 3 Variation	Ending 1-3
DSP Left	Fade In/Out
DSP Left Variation	Fingered/Fing on Bass
Harmony/Echo On/Off	Percussion 1-3
Vocal Harmony On/Off	Right 1-3 On/Off
Vocal Effect On/Off	Left On/Off
Talk	OTS +
Score Page +	OTS -
Score Page -	OTS 1-4
Lyrics Page +	Registration Sequence +
Lyrics Page -	Registration Sequence -
Text Page +	Registration 1-8
Text Page -	Transpose +
Audio Play/Pause	Transpose -
Song Play/Pause	Multipad 1-4
Style Start/Stop	Multipad Stop
Tap Tempo	Song Control SP1-4
Synchro Start	Song Control Loop
Synchro Stop	

NOTICE: For the Registration Sequence +/- function to be executed, the setting under

[FUNKITON] -> [REGIST SEQUENCE/FREEZE/VOICE SET] -> [REGISTRATION SEQUENCE ENABLE] -> ON

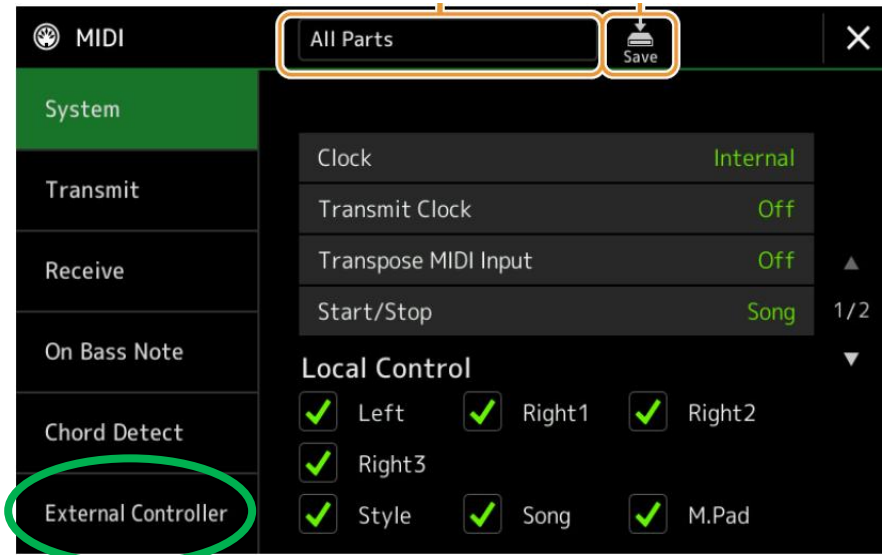
must be configured.





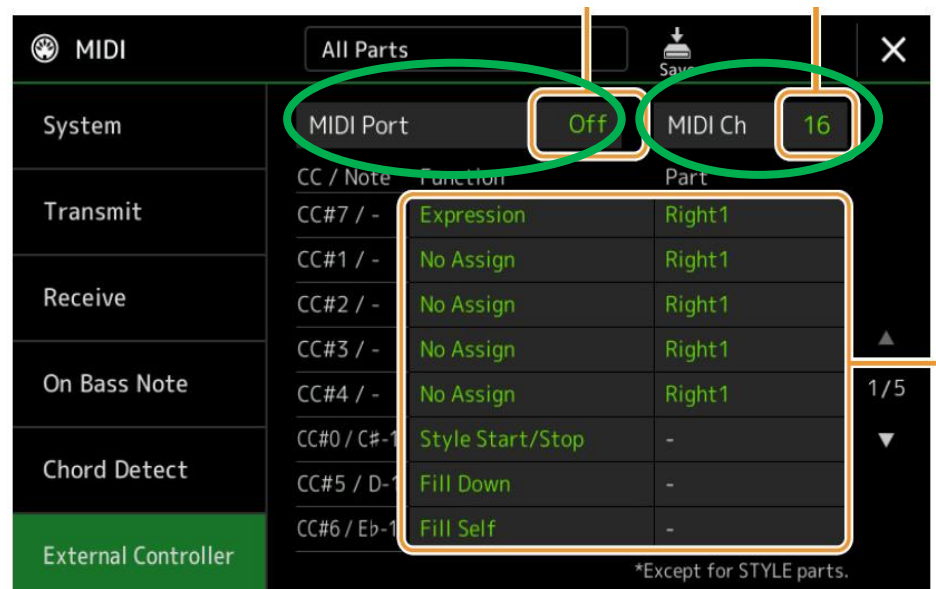
Settings on the Genos

On the Genos, select [MENU] -> [MIDI]. On this page, select "External Controller".



Under the menu item "External Controller", select the MIDI port to which the foot switch is connected under MIDI Port (Port 1 corresponds to MIDI A, Port 2 corresponds to MIDI B) and select "1" under MIDI Ch. Then under CC#0/C#-1, select the function that the first button on the foot switch should perform when pressed. Then assign the desired function to the remaining buttons.

- CC#0/C#-1 -> **Button 1** (e. g. MainA)
- CC#5/D-1 -> **Button 2** (e. g. MainC)
- CC#6/Eb-1 -> **Button 3** (e. g. Fill Down)
- CC#8/E-1 -> **Button 4** (e. g. MainD)
- CC#9/F-1 -> **Button 5** (e. g. Break)
- CC#10/F#-1 -> ...



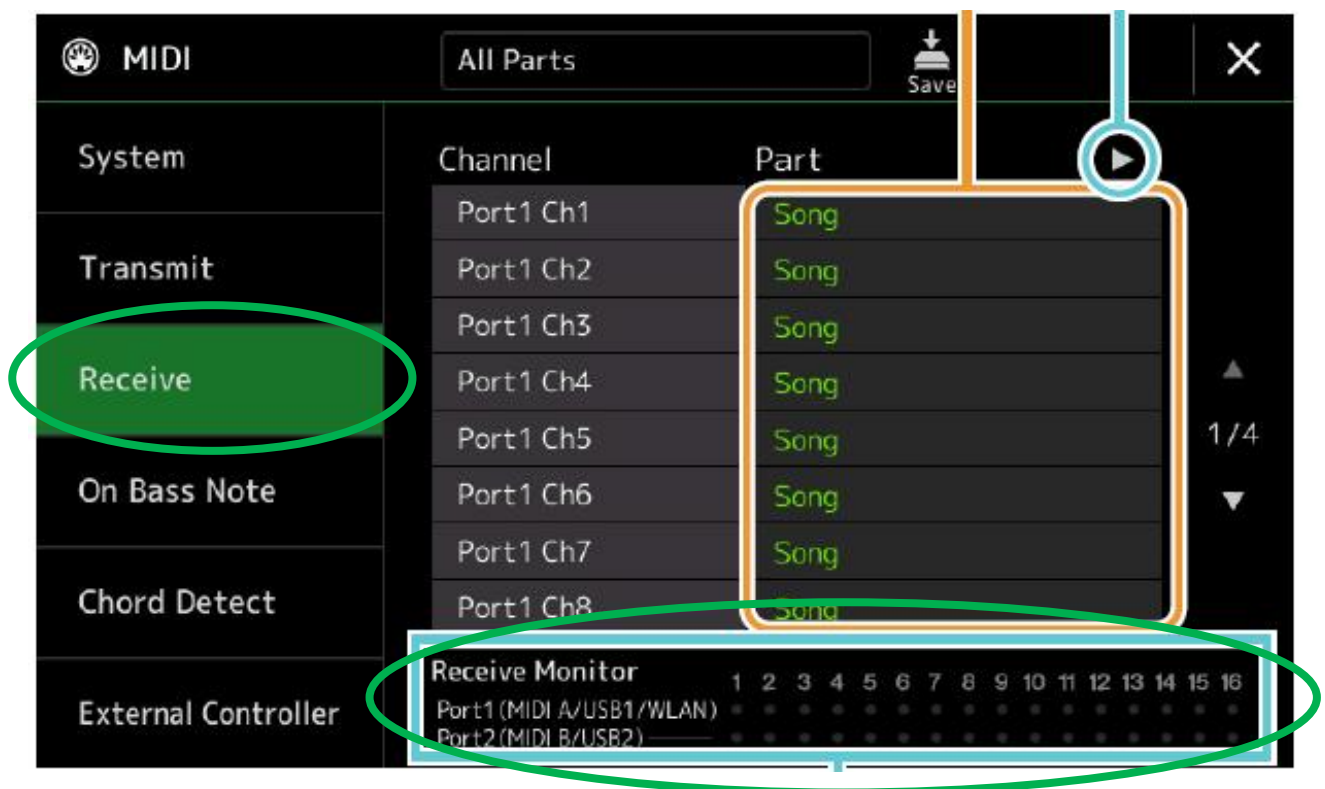
After all settings have been made, save them under your own preset.

Each time a button on the foot switch is pressed, the green control LED lights up.



If the foot switch does not perform the selected functions, it may be that the wrong MIDI channel is set. To do this, go to the "Receive" menu item. If a button is now pressed on the foot switch, the Receive Monitor can be used to check which port and MIDI channel the foot switch is currently sending MIDI data on. The MIDI channel can now be adjusted on the Genos or on the foot switch itself.

NOTICE: If the MIDI channel on the foot switch and the Genos match, **nothing** will be displayed in the Receive Monitor!





Genos

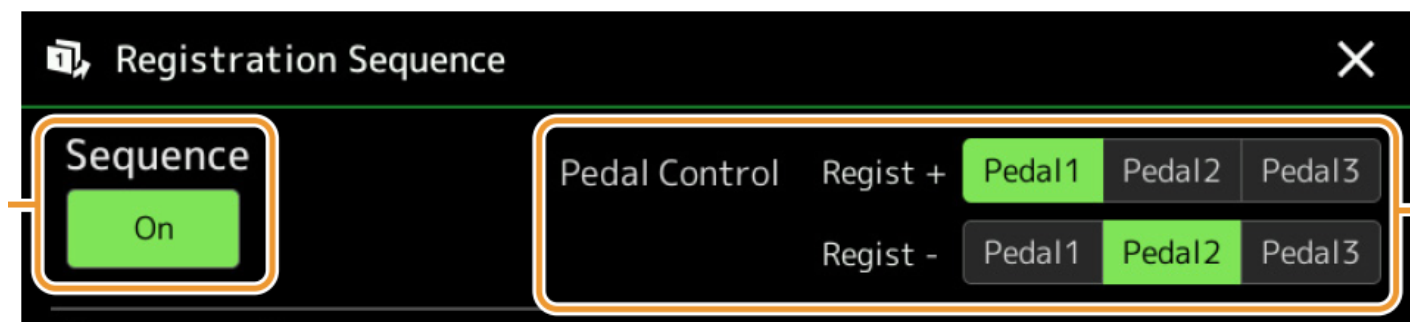
One of the following Genos functions can be assigned to each button of the EC5:

Articulation 1/2 Right 1/2/3, Left	Intro 1-3
DSP Right 1	Main A-D
DSP Right 1 Variation	Fill Down
DSP Right 2	Fill Self
DSP Right 2 Variation	Fill Break
DSP Right 3	Fill up
DSP Right 3 Variation	Ending 1-3
DSP Left	Fade In/Out
DSP Left Variation	Fingered/Fing on Bass
Harmony/Echo On/Off	Percussion 1-3
Vocal Harmony On/Off	Right 1-3 On/Off
Vocal Effect On/Off	Left On/Off
Talk	OTS +
Score Page +	OTS -
Score Page -	OTS 1-4
Lyrics Page +	Registration Sequence +
Lyrics Page -	Registration Sequence -
Text Page +	Registration 1-8
Text Page -	Transpose +
Audio Play/Pause	Transpose -
Song Play/Pause	Multipad 1-4
Style Start/Stop	Multipad Stop
Tap Tempo	Song Control SP1-4
Synchro Start	Song Control Loop
Synchro Stop	

NOTICE: For the Registration Sequence +/- function to be executed, the setting under

[MENU] -> [Regist Sequende -> Sequence -> On

must be configured.





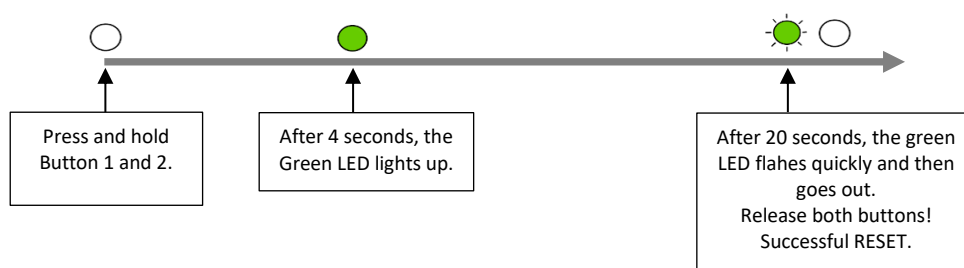
Change MIDI channel on footswitch

The MIDI channel on the footswitch is preset to channel 1, but can be changed on the footswitch as follows:

Press button 1 and hold it down. After 4 seconds the green LED lights up. Now press button 2 until the desired MIDI channel is reached. Then release the button - done. When MIDI channel 16 is reached and button 2 is pressed again, MIDI channel 1 is set again. If you get confused counting during the setting, the MIDI channel can be reset to channel 1 by performing a RESET.

RESET

To perform a RESET, press and hold buttons 1 and 2 simultaneously for 20 seconds. A successful RESET is confirmed by the green LED flashing quickly and then goes out.



I accept no liability for damage that may occur during use of the Tyros/Genos.

If you have any questions or suggestions, please feel free to contact me.

Have fun making music!

