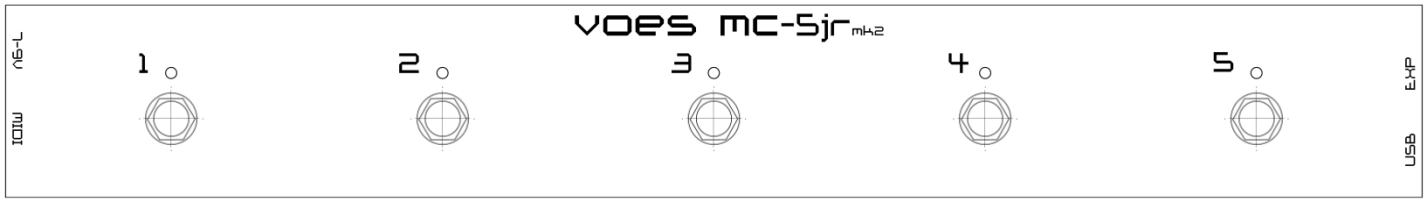
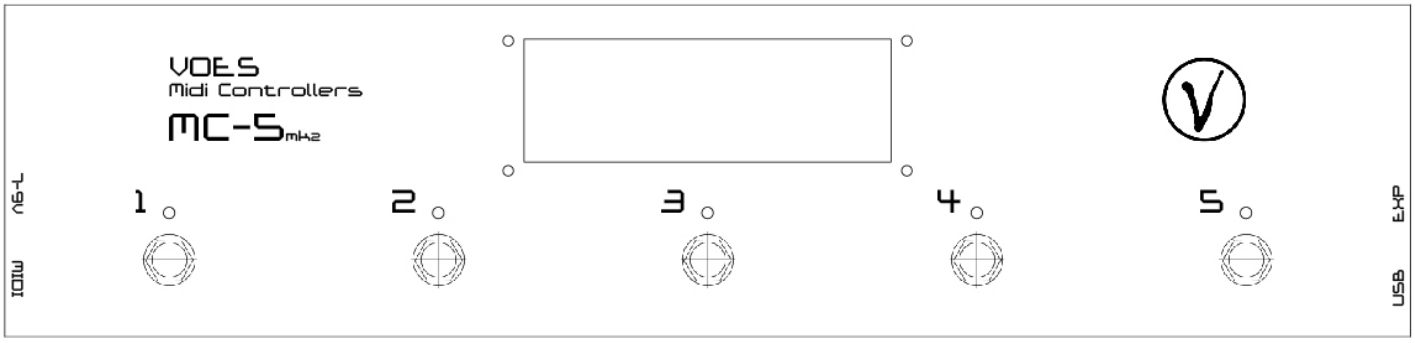
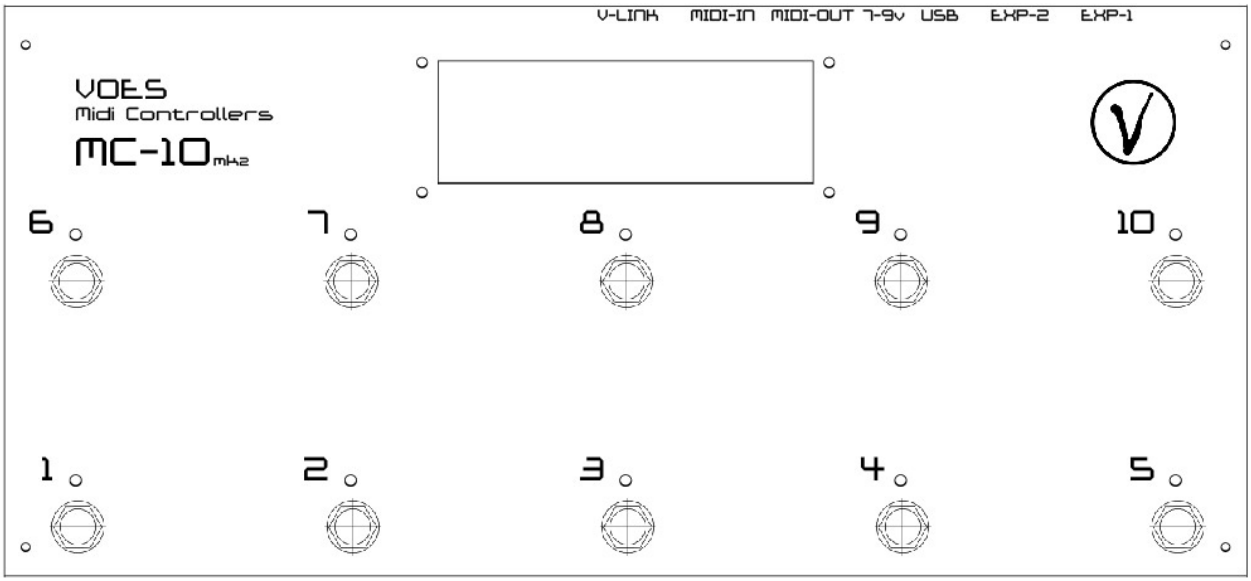
Voes Midi Controllers (mk2)

MC-5jr, MC-5 & MC-10

user manual







1 Introduction

The **MC-5jr, MC-5** and **MC-10** are compact, intelligent and user-friendly Midi Controllers.

Common features:

- 7-pin MIDI in/out
- Power: 7-9v AC/DC. Minimum 100mA (MC-5jr), 200mA (MC-5), 250mA (MC-10) 2.1mm connector or Midi-7 *(power supply not included)*
- USB connection for easy-to-use editor

MC-5jr unique features:

- 5 hardware buttons, 5 bicolor leds
- 1 input for Expression Pedal
- No LCD display
- 2 pages with each 5 custom programmable software buttons
- Dimensions approx.: 40cm x 6cm
- Weight approx.: 620gr

MC-5 unique features:

- 5 hardware buttons, 5 bicolor leds
- 1 input for Expression Pedal
- 2x16 Big LCD display
- 2 pages with each 5 custom programmable software buttons
- Dimensions approx.: 40cm x 10cm
- Weight approx.: 880gr

MC-10 unique features:

- 10 hardware buttons, 10 bicolor leds
- 2 inputs for Expression Pedals
- Additional Midi In port
- V-link Ethercon port
- 2x16 Big LCD display
- 2 pages with each 10 custom programmable software buttons
- Dimensions approx.: 35cm x 16,5cm
- Weight approx.: 1260gr

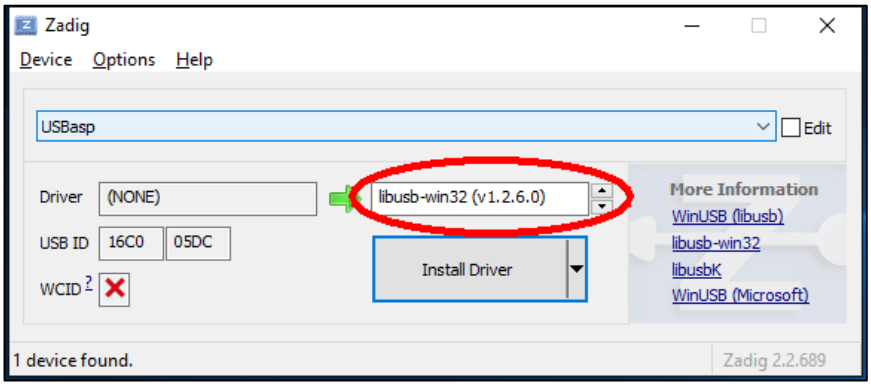
2 Installation

- Download the latest editor, driver, firmware and manual on [www.voes.be.](http://www.voes.be)

- Unzip the file.

- Connect the **MC-5jr/5/10** to your computer (Windows 7 or higher).
  Let Windows detect the device (it will report driver not found). If a window pops up asking to search for a driver, just close it or click *Cancel*.

- Run **Voes MC-driver** (located in the folder *manual and driver*).



  Do not update if asked.
  Select **libusb-win32 (v1.2.6.0)** and click Install Driver.

- Start **Voes MC-editor.** If you get an error, you will need to install **Microsoft Dot Net Framework 4** or higher .
  (https://www.microsoft.com/en-us/download/details.aspx?id=17851)

3 The Editors

The MC is capable of running different firmware's and editors. At the moment you have the choice between a **Normal Midi**, an **Axe-Fx II ™**, an **Axe-Fx III/FM3 ™** and a **Kemper ™** editor:

Voes Midi-Editor and Firmware:

This is the default Editor/Firmware when shipped and is suitable to work with all MIDI-devices. Some specs:

- 4 commands for each button.
- 22 available commands: None, Preset (PC), CC on/off, CC off/on, CC on only, CC off only, CC custom, Expr 1 CC swap, Auto On CC swap, Button on/off, All Other Leds Off, Scenes, Bank down, Bank up, Preset down, Preset up, Preset Select, Bank Select , Page select, Fractal Tuner, Note On/Off and Note Trigger.
- Advanced commands: Global, Steps and Groups.
- 2 pages and press-and-hold function.
- Suited for scenes (*Fractal Audio Systems* ™).
- Capable to display tuner info of the Fractal Audio™ Axe-Fx Standard, Ultra, II, XL, XL+ and III.
- Auto engage/disengage Expr. Pedal 1.

The Voes Midi Editor and Firmware is discussed on section 6-8..

Voes Axe-Fx II™ Editor and Firmware

This Editor/Firmware is specially written to communicate with the Fractal Audio™ Axe-Fx II, XL and XL+. Beside Scenes and Fractal-tuner (which are also available in the regular Voes Midi Editor), the MC will auto load preset names, block states and X/Y states. Some specs:

- 1 command for each button.
- 17 available commands: None, Preset, FX on/off, X/Y off/on, Looper, Scene, Tuner, Tempo, Scene down/up, Preset down/up, Bank down/up, Preset Select, Bank Select and Page select.

The Voes Axe-Fx II Editor and Firmware is discussed on section 9-11.

Voes Axe-Fx III/FM3™ Editor and Firmware

This Editor/Firmware is specially written to communicate with the Fractal Audio™ Axe-Fx III. Beside Scenes and Fractal-tuner (which are also available in the regular Voes Midi Editor), the MC will auto load preset names, scene names. Some specs:

- 1 command for each button.
- 15 available commands: None, Preset, Looper, Scene, Tuner, Tempo, Scene down/up, Preset down/up, Bank down/up, Preset Select, Bank Select and Page select.

The Voes Axe-Fx III Editor and Firmware is discussed on section 12--14.

Voes Kemper™ Editor and Firmware

This Editor/Firmware is specially written to communicate with the Kemper Profiler™. Some specs:

- 1 command for each button.
- 18 available commands: None, Performance, Rig, Stomp & Fx, Rot. Speed, Dly Feedback, Dly Hold, Tuner, Tempo, Rig down/up, Performance down/up, Bank down/up, Performance Select, Bank Select and Page select.
- Auto engage/disengage Expr. Pedal 1.

The Voes Kemper Editor and Firmware is discussed on section 15-17.

Differences between Firmware's

Midi Editor	Axe-Fx II™ Editor
Suitable for all MIDI devices	Specially programmed for the Axe-Fx II, XL, XL+
4 commands per button	1 command per button
22 different command types	17 different command types
128 presets (max 64 can be named)	384 presets (automatic named)
Auto-engage of Expression 1	Auto load preset name, block- and X/Y states
Button name: 8 characters	Button name: 16 characters
Can show Fractal tuner	Can show Fractal tuner
Can work with Fractal scenes	Can work with Fractal scenes

Axe-Fx III/FM3™ Editor	Kemper™ Editor
Specially programmed for the Axe-Fx III/FM3	Specially programed for the Kemper Profiler
1 command per button	1 command per button
17 different command types	18 different command types
384 presets (automatic named)	125 performances with 5 rigs (automatic named)
Auto load preset name, block- and X/Y states	Auto load rig name, stomp & FX states
Button name: 16 characters	Button name: 16 characters
Can show Fractal tuner	Can show Kemper tuner
Can work with Fractal scenes	Auto-engage of Expression 1

Switching between Firmware/Editor

At any time you can switch to a different Firmware.

Settings of the MC-5jr, MC-5 and MC-10 are compatible in the same Firmware/Editor, but settings are not exchangeable between Firmware's/Editors.

4 Load/Save/Update

You can save and load settings from/to the computer and from/to **MC-5jr/5/10**.

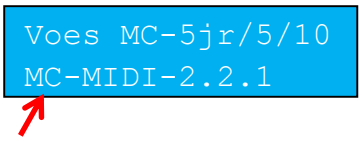
Data-files are compatible and exchangeable between **MC-5jr**, **MC-5** and **MC-10** when using the same Editor. Data-files are *not* compatible between Editors.

When sending data-files to **MC-5jr/5/10,** please wait until the **MC-5jr/5/10** reboots.

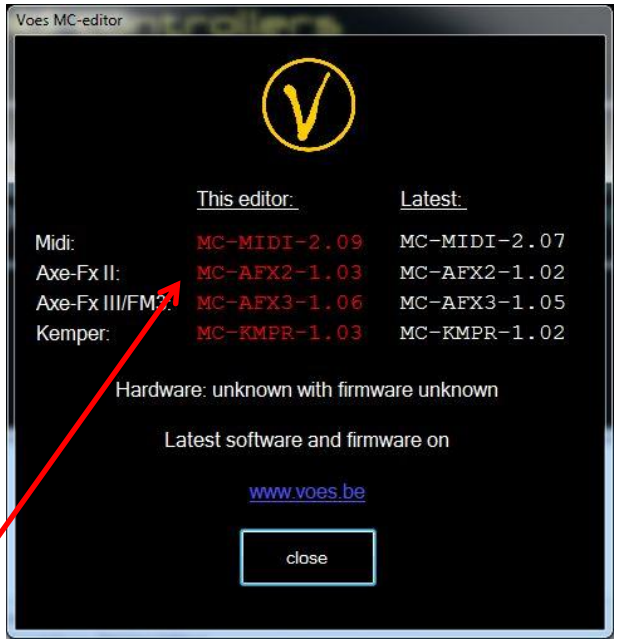
4.1 Updating firmware

Most recent firmware and software can be found on www.voes.be

Booting the **MC-5/10** will display the installed firmware:



Another way to find the firmware version (especially useful for the **MC-5jr**) is by clicking on the logo in the left bottom corner. An info window with the editor version will appear. If data is loaded from the **MC-5jr/5/10**, both firmware version and connected hardware are shown.



For each Editor (Midi, Axe-Fx II) there are different Firmware's.

If a firmware is out-of-date it will be highlighted in red.

Only a firmware of the same editor can be loaded. You can see the difference in the name:

- Voes Midi Controller: **firmware_MC-MIDI-2.2.1**
- Voes Axe-Fx II Controller: **firmware_MC-AFX2-1.1.1**
- Voes Axe-Fx III/FM3 Controller: **firmware_MC-AFX3-1.1.1**
- Voes Kemper Controller: **firmware_MC-KMPR-1.0.0**

When updating firmware, keep in mind that the firmware file needs to be placed in the program directory.

A batch program will be started. Wait until it stops, and close the window. *(We could make it auto close, but if any error appears it's easier to report this way.)*

4.2 Changing firmware

When changing firmware, for example. from **firmware_MC-MIDI-2.2.0** to **firmware_MC-AFX2-1.1.0** the **MC-5jr/5/10** will give an error on reboot:

This is normal behavior since settings are not compatible between firmware's and settings from the previous firmware are still in memory. Just send new settings with the *new* firmware to the **MC-5jr/5/10.**

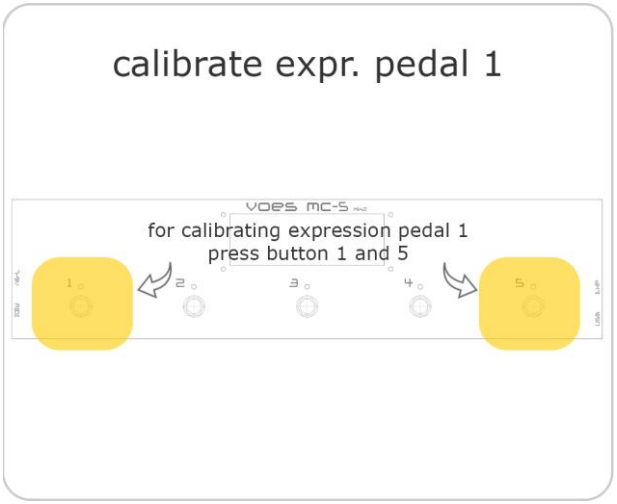
5 Calibrating Expression Pedals

Before using an expression pedal, it needs to be calibrated. This can of course not be done on the editor but on only the **MC-5jr/5/10** itself. You only need to do this once (Calibrating values are saved in memory).

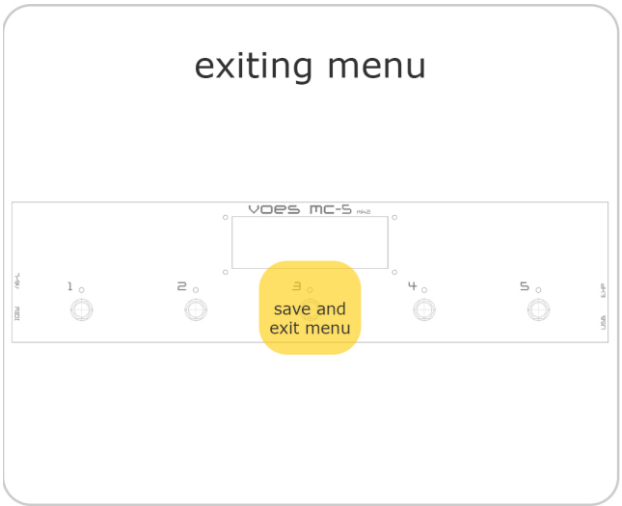
Important! After you calibrate your pedals, use the editor to back up your settings.

To activate the calibrating menu, use following instructions:

5.1 MC-5jr/MC-5



move expr. pedal 1
a progress bar moves on the LCD



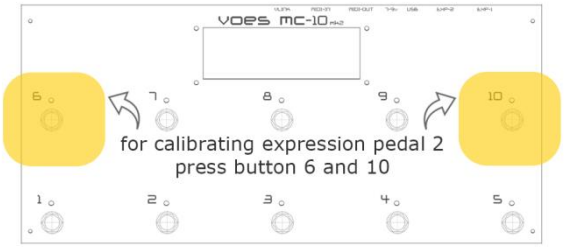
5.2 MC-10

MC-10 expr pedal 1

calibrate expr. pedal 1

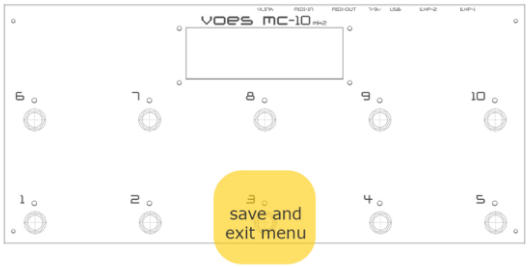
MC-10 expr pedal 2

calibrate expr. pedal 2



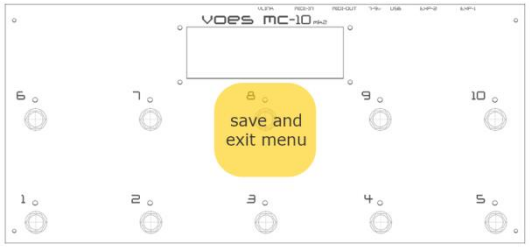
move expr. pedal 1 a progress bar moves on the LCD

exiting menu expr. pedal 1



move expr. pedal 2 a progress bar moves on the LCD

exiting menu expr. pedal 2



Voes Midi Editor and Firmware

6 Voes Midi Editor and Firmware

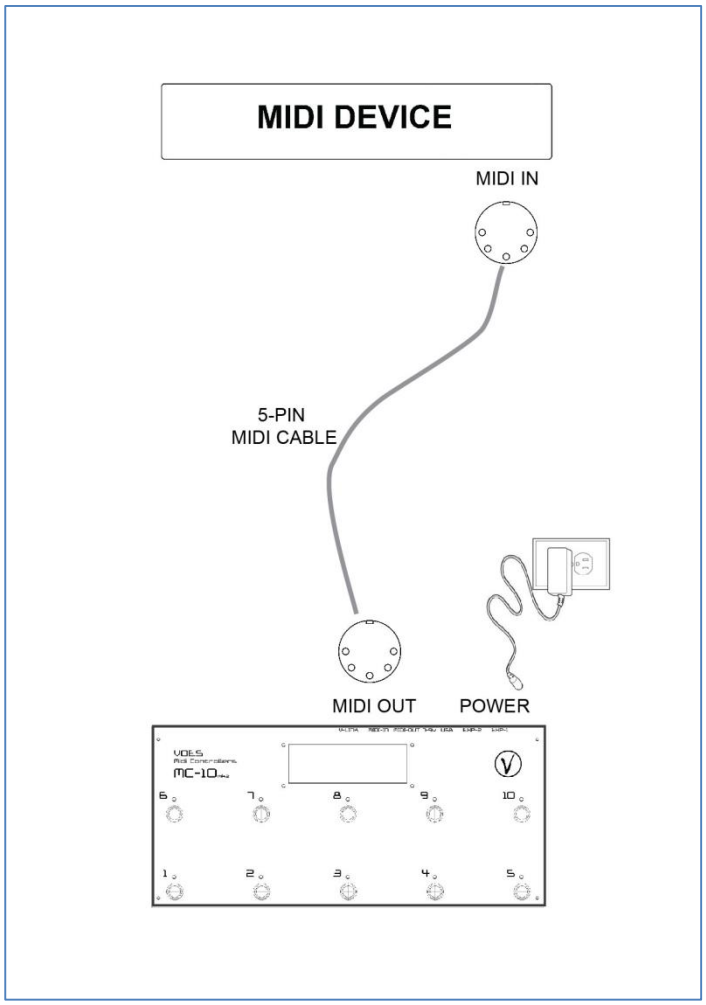
This is the default Editor/Firmware when shipped and is suitable to work with all MIDI-devices.

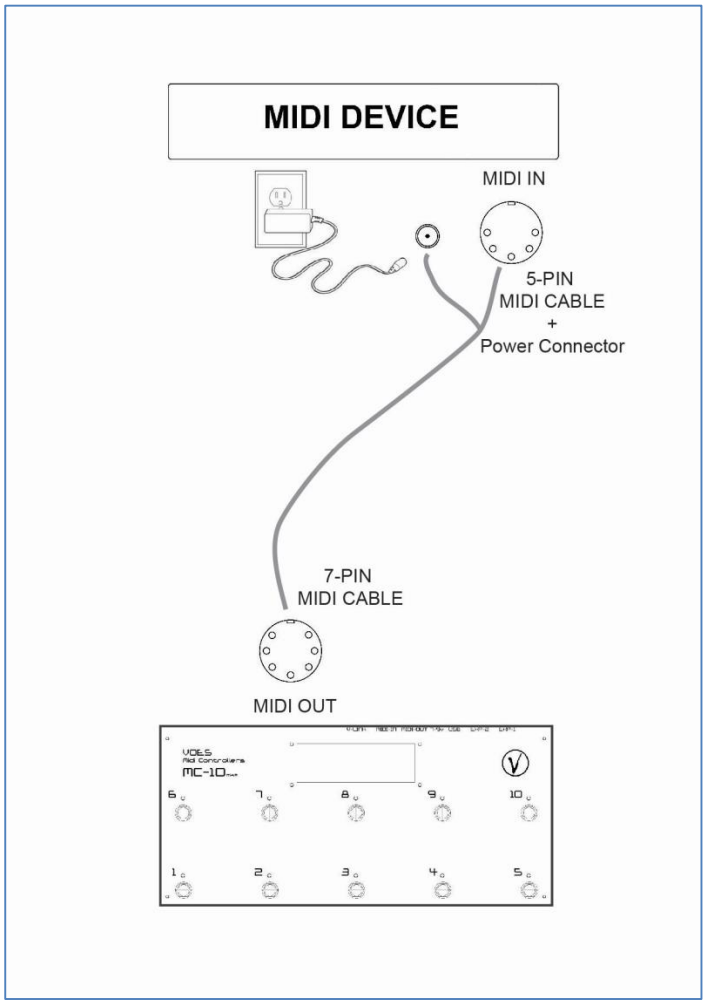
Instead of using precious resources for editing on the hardware, which is a PITA to use, we thought it would be better to give you an excellent, easy to use Editor and extra features.

The **MC-5jr/5/10** has 10/20 software buttons, divided over 2 pages. Each button has up to 4 commands. As there are only 5/10 physical buttons, there has to be a way to select the *other* 5/10 buttons. You can do this by either creating a **Page** button, which toggles between buttons 1-5/1-10 and 6-10/11-20, or by using press-and-hold to toggle each button separately. A combination of both is also a possibility.

7 Connection examples

7.1 Using Midi-Cable





Only MIDI Out is used to control a MIDI Device. You can use a regular 5-pin MIDI cable to connect or use a 7-pin MIDI cable if you also want to use Power over MIDI.

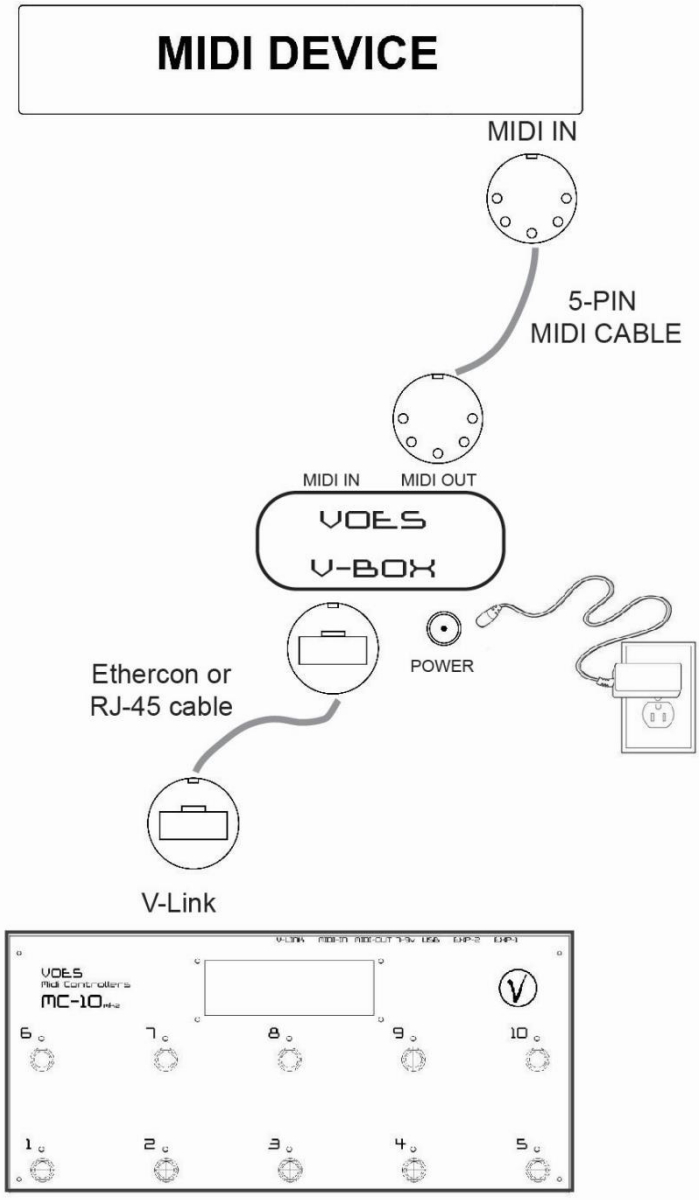
If you have a Fractal Audio™ Device and want to use the Fractal Tuner Command, see how to connect in section 11.

7.2 Using Voes V-link *(only available on MC-10)*

The **Voes MC-10** has an extra Ethercon connector, called the **V-link**.

You can only use this connector in combination with the **Voes V-BOX.** Connection between **MC-10** and **V-BOX** is done by an Ethercon or any other regular network cable (RJ-45). The advantage is that you only need one *(common available)* cable.

The **V-BOX** will split the signal into Midi In, Midi Out and Power.



The MC-10 V-link can only be used with the Voes VBox.

Do NOT connect it to other devices with RJ-45 connectors like the Axe-Fx II MFC connector or the Kemper Profiler Network connector

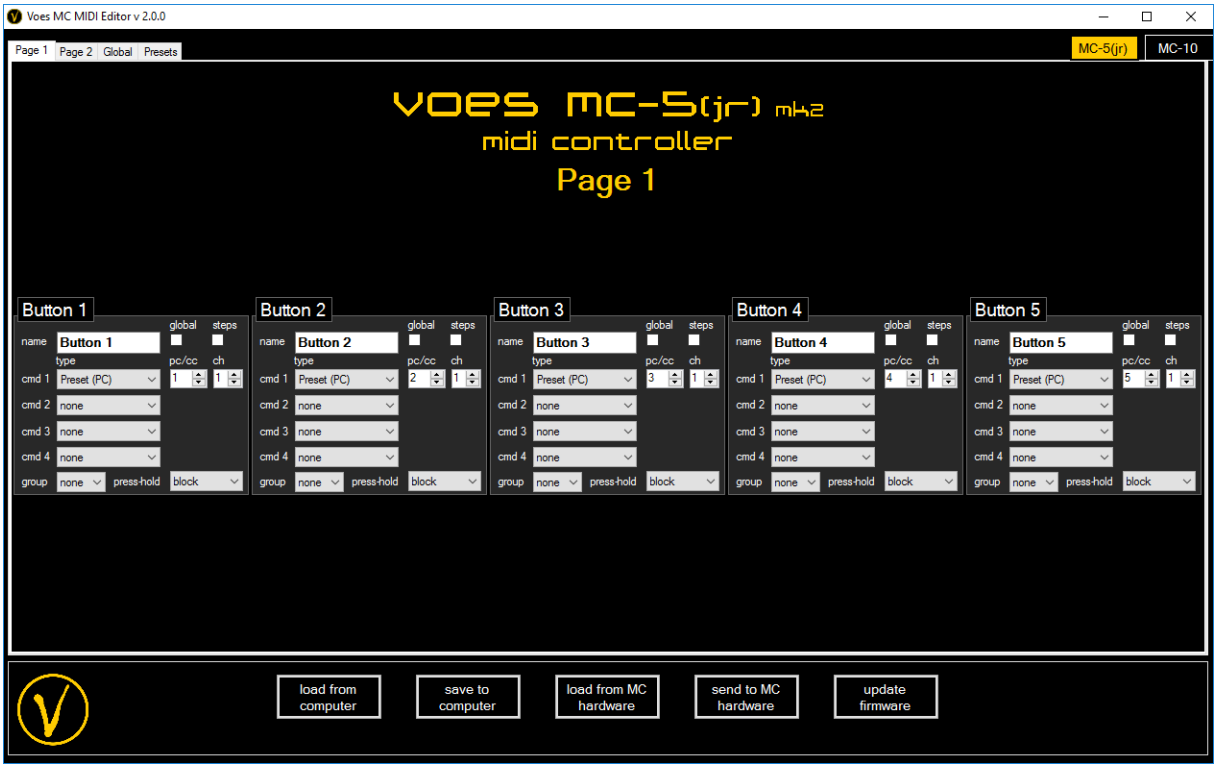
It can harm your MC-10 irreparable!

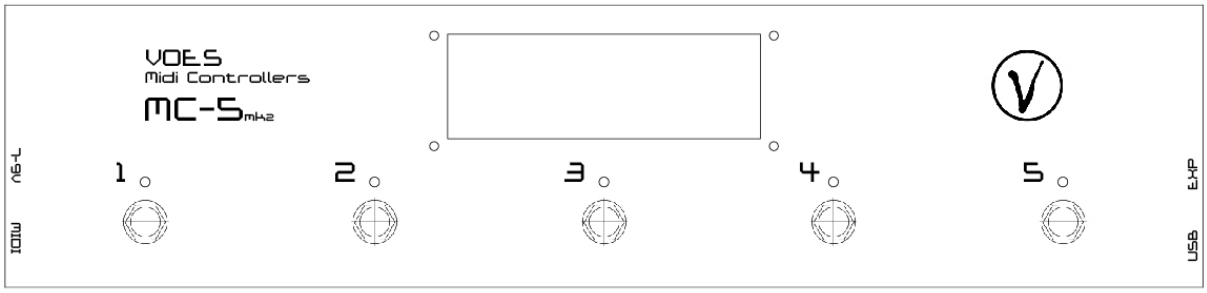
8 Voes Midi Editor

8.1 Overview

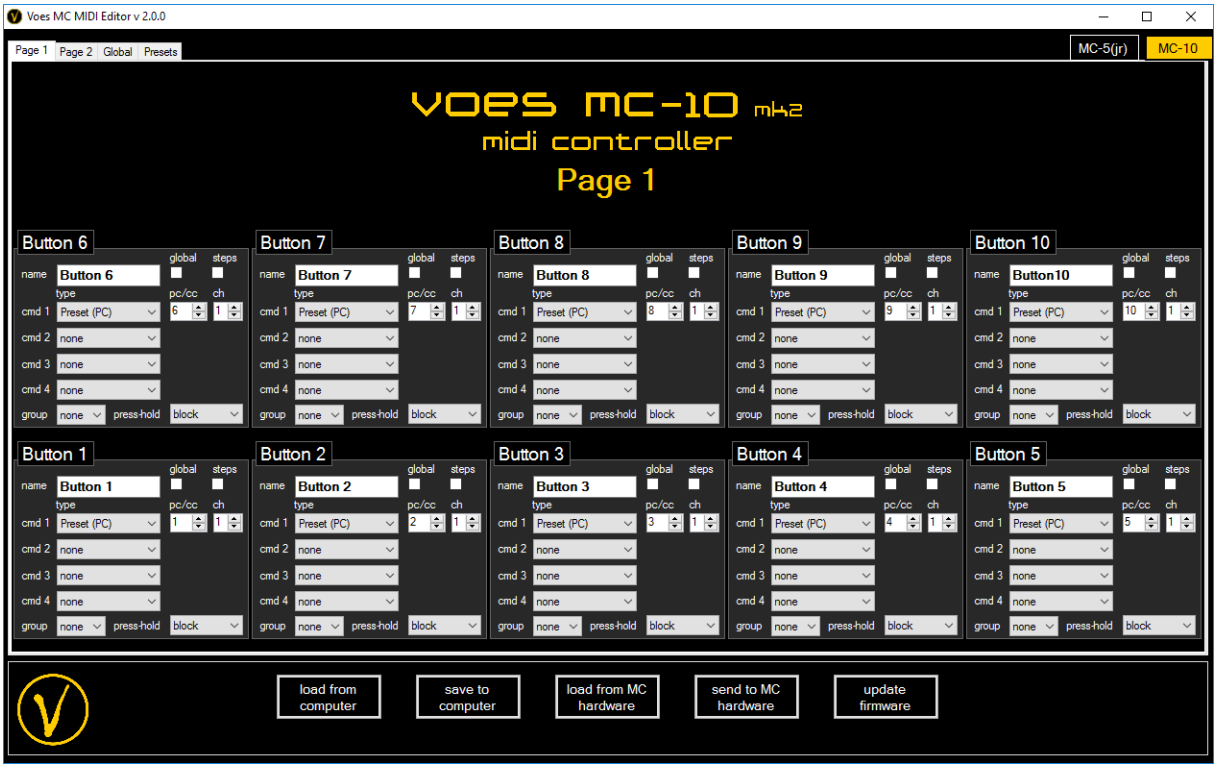
The **MC-5jr/5/10** has the same layout as the hardware, making programming a breeze.

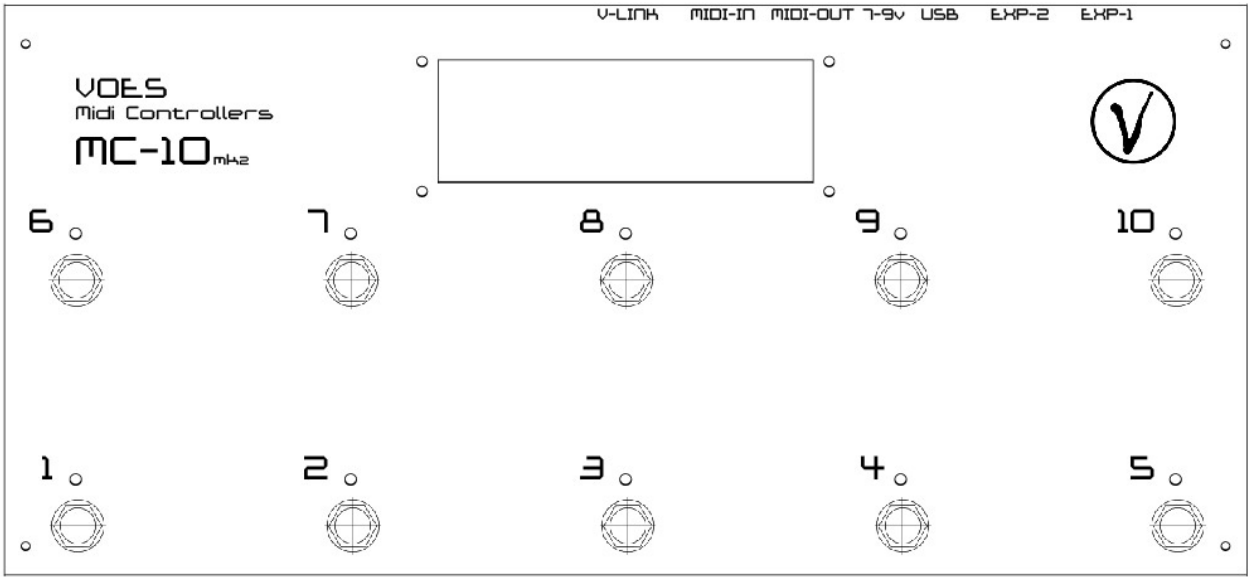
MC-5/MC-5jr





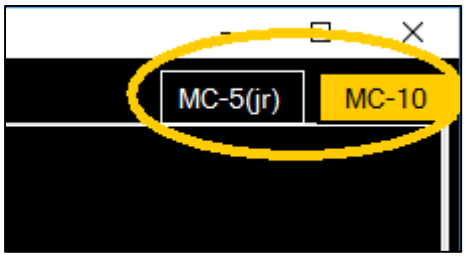
MC-10


Voes MC MIDI Editor v 2.0.0
Page 1
Page 2
Global
Presets
MC-5(jr)
MC-10
VOES MC-10 mk2
midi controller
Page 1
Button 6
Button 7
Button 8
Button 9
Button 10
Button 1
Button 2
Button 3
Button 4
Button 5
name
type
global
steps
pc/cc
ch
cmd 1
cmd 2
cmd 3
cmd 4
group
press-hold
Preset (PC)
none
block
load from computer
save to computer
load from MC hardware
send to MC hardware
update firmware


V-LINK
MIDI-IN
MIDI-OUT
7-9V
USB
EXP-2
EXP-1
VOES
Midi Controllers
MC-10mk2
6
7
8
9
10
1
2
3
4
5

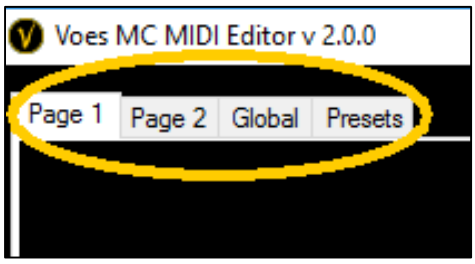
8.2 Switching between MC-5(jr) and MC-10

You can switch between MC versions in the top right corner. The chosen version is saved on data-files you create. Data-files are compatible and exchangeable between MC-5jr, MC-5 and MC-10.



8.3 Tab-pages

In the top left corner you can find the tabs **Page 1, Page 2, Global** and **Presets**.



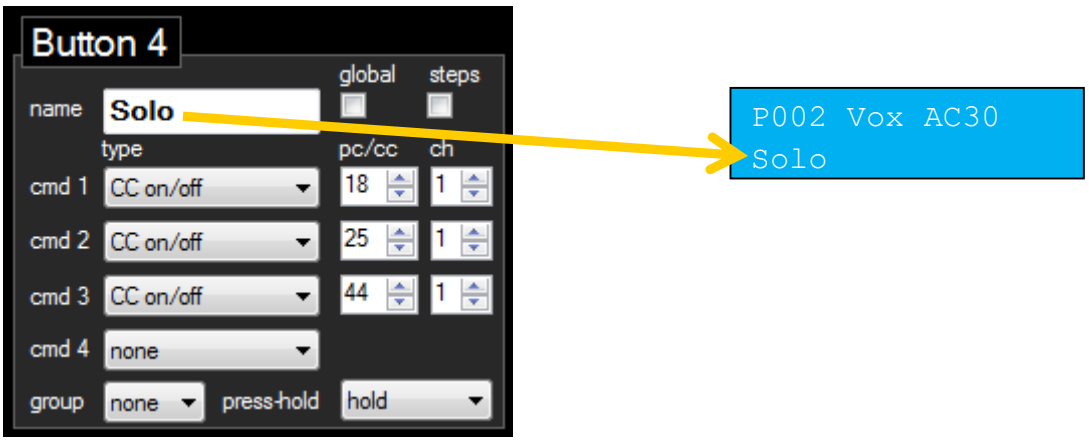
Page 1 gives you an overview of buttons 1-5/1-10, *Page 2* of buttons 6-10/11-20.

Global tab is for editing Global Settings, see section 6.

Presets tab is discussed in section 7.

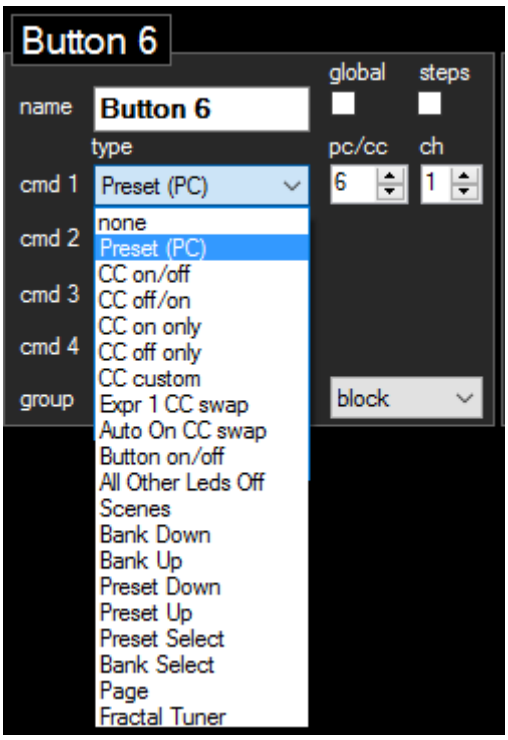
8.4 The Button

On other Midi Controllers, a button has 6 parameters for each command. *(Channel On, Command On, Value On, Channel Off, Command Off, Value Off).* We reduced this to 2 parameters: Channel and Command, making programming easier.



Each button can be **named**. If the first command is not a Program Change, this text is displayed on the second line on the **MC-5/10** LCD. Every button can handle 4 commands. Each command has its own **Type, PC/CC/Nr** and **Ch** (midi channel).

22 different **Types** are available (11 on command 2, 3 and 4).



None

None does nothing! If steps is active, this command will be skipped.

Preset (PC)

Preset (PC) also known as Program Change transmits a program change **PC** on a midi channel **Ch** (1-16).

Depending on **Preset Offset** in *Global Settings (see section 9*), PC range is 0-127 or 1-128.

You can change the name of the first 64 presets *(see section 10)*.

CC on/off

ON sends a control change **CC** (1-127) on **Ch** (1-16) with **Value 127** (maximum).

OFF sends exactly the same **CC** with **Value 0** (minimum).

CC off/on

This is the opposite of the previous type.

ON sends a control change **CC** (1-127) on **Ch** (1-16) with **Value 0** (minimum).

OFF sends exactly the same **CC** with **Value 127** (maximum).

CC on only

This type always sends **Value 127** on each press on **CC** (1-127) on **Ch** (1-16). This command is ideal for Tap-tempo.

The corresponding led will blink briefly.

CC off only

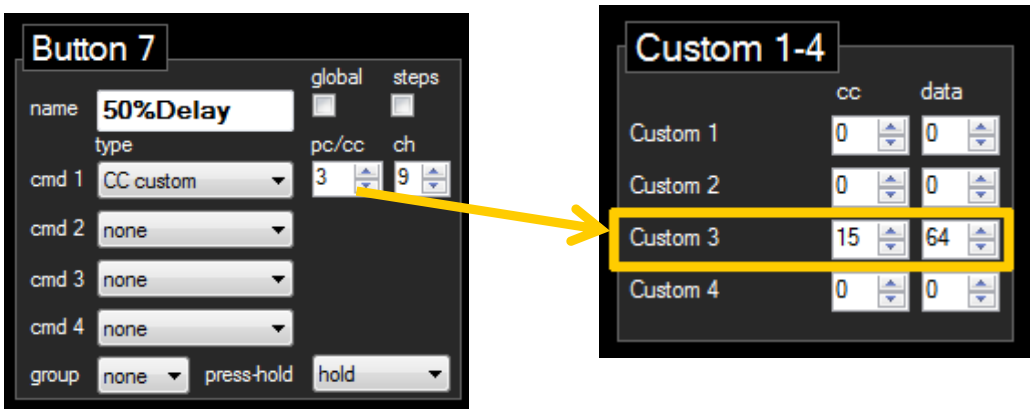
This type always sends **Value 0** on each press on **CC** (1-127) on **Ch** (1-16).

The corresponding led will blink briefly.

CC custom

A bit different is **CC custom**. It points to a custom **CC** and **Value** command found in *Global Settings* (*see section 9).*

E.g. **CC custom 3** sends **CC 15** with **Value 64** on **Ch 9.**



The corresponding led will blink briefly. A total of 8 CC customs are available.

Expr1 CC Swap

Expr1 CC Swap is a nice feature to change your Expr1 Pedal, e.g. from Wah to Volume.

ON replaces the **CC** and **Ch** of the regular Expr1 settings.

OFF returns to the regular settings found in *Global Settings (see section 9*).

Auto On CC Swap

Auto On CC Swap can be useful in some situations. For example you could have 3 FX (wah, rotary, phaser). You want to control freq, speed and depth of each with one pedal, and you don't gonna use them together. By setting freq, speed and depth to the same controller (**Expr 1 Pedal**), wah, rotary and phaser would all change. Using the Auto On CC Swap command would only turn ON the FX you want.

ON replaces the **CC** and **Ch** of the regular Expr1 Auto On settings.

OFF returns to the regular settings found in *Global Settings (see section 9*).

Button on/off

Turns another Button On or Off.

Caution! *You can create and endless loop. E.g. Button 1 turns Button 2 On and Button 2 turns Button 1 On.*

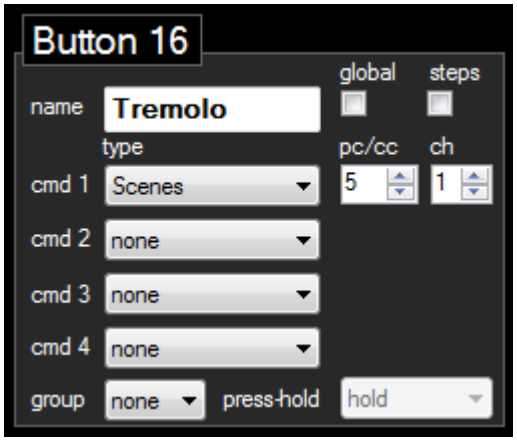
All Other Leds Off

In some cases, there might be a conflict with the visual leds on/off layout and the actual on/off state of the connected musical instrument. Using the **All Other Leds Off** command can solve this problem.

Scenes *(only available as first command)*

The **MC-5jr/5/10** is capable of handling scenes, a *Fractal Audio Systems* ™ feature.

When a Scene button is activated, all other Scene buttons will be turned off. Scenes CC (default CC34) can be changed in *Global Settings* (*see section 9)*.



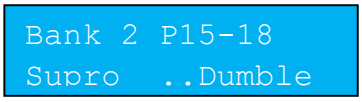
Bank Down / Bank Up *(only available as first command)*

Bank Down/Up selects the first preset number and decreases/increases it with the count of all the presets on both pages.

E.g. buttons 1, 2 , 3, 4 are defined as **Preset (PC)** Buttons with respective values 11, 12, 13 and 14.

If you push button 10 **Bank Up**, the **MC-5jr/5/10** will seek the first PC value (11) and will add the count of all Preset buttons (4) giving you 11 + 4 = 15, 16, 17, 18.

On the first line of the LCD, Bank and preset range are shown. Second line shows 7 characters of the first preset name and the last preset name of the bank to help you orientate.



Preset Down/Preset Up *(only available as first command)*

Preset Down/Up is a function that is not often included in other Midi Controllers. You can decrease/increase the current preset number. Only useful when 0 or 1 preset is programmed on a Page.

If no preset is programmed on a Page, default start preset is 1 on Midi Channel 1.

Preset Select *(only available as first command)*

When clicking on a **Preset Select** button, all leds will blink green/blue and all buttons are connected to their respective Preset number. E.g. clicking on button 4 will bring you to preset 4. After selection, buttons will go back to their programmed state.

Bank Select *(only available as first command)*

When clicking on a **Bank Select** button, all leds will blink red and all buttons are connected to their respective Bank number. E.g. clicking on button 3 will bring you to bank 3. After selection, buttons will go back to their programmed state.

Page *(only available as first command)*

There are two ways to select another page.

Using a **Page** button toggles between page 1 and 2, and changes all buttons at once. *(Be aware that in order to go back you need to program a **Page** button on each page.)*

Or you can change one button to its respective button on the other page by press-and-hold (see *section 3.5)*. E.g. press button 2 activates button 2, press-and-hold button 2 activates button 12. press-and-hold button 2 again activates button 2.

Buttons on Page 1 are indicated by a blue or green led. Buttons on Page 2 by a red led.

If the first command is a Program Change the preset name will be displayed on the first line of the **MC-5/10** LCD. Presets on Page 2 have "*" as prefix.

Fractal Tuner*(only available as first command)*

The **MC-5/10** is capable to display tuner info of the Fractal Audio™ Axe-Fx Standard, Ultra, II, XL, XL+ and the latest III. In order to work you need to check the settings in your Fractal Device:

AXE-FX STANDARD, ULTRA, II, XL, XL+

In the **I/O Menu**, under TAB **MIDI**, set the parameter **SEND REALTIME SYSEX** to **TUNER.**

AXE-FX. III

In the **Global Menu**, set the parameter **SEND REALTIME SYSEX** to **ON.**

*This command is useless on the **MC-5jr** because it has no LCD. It's included only for compatibility reasons.*

Note On/Off

ON sends a “Note On” midi command with **Note** (1-127) on **Ch** (1-16) with **Velocity 127** (maximum).

OFF sends a “Note Off” midi command with **Note** (1-127) on **Ch** (1-16).

Find your desired Note number in the chart on the right.

Note	Octave										
	-1	0	1	2	3	4	5	6	7	8	9
C	0	12	24	36	48	**60**	72	84	96	108	120
C#	1	13	25	37	49	**61**	73	85	97	109	121
D	2	14	26	38	50	**62**	74	86	98	110	122
D#	3	15	27	39	51	**63**	75	87	99	111	123
E	4	16	28	40	52	**64**	76	88	100	112	124
F	5	17	29	41	53	**65**	77	89	101	113	125
F#	6	18	30	42	54	**66**	78	90	102	114	126
G	7	19	31	43	55	**67**	79	91	103	115	127
G#	8	20	32	44	56	**68**	80	92	104	116	
A	9	21	33	45	57	**69**	81	93	105	117	
A#	10	22	34	46	58	**70**	82	94	106	118	
B	11	23	35	47	59	**71**	83	95	107	119	

Note Trigger

Sends a “Note On” midi command with **Note** (1-127) on **Ch** (1-16) with **Velocity 127** (maximum).

This command is ideal for triggering Samples. The corresponding LED will blink briefly.

8.5 Global, Steps, Group, Press-and-Hold

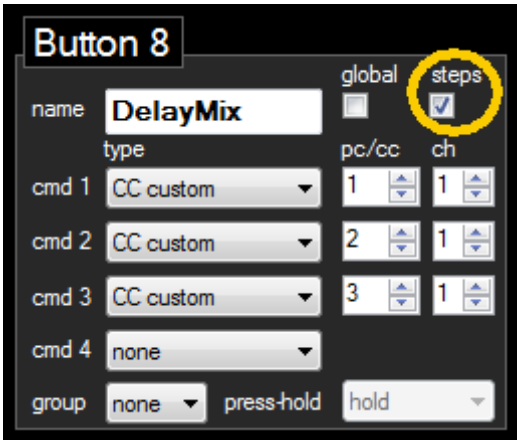
8.5.1 Global

Global buttons in On status, will be retriggered on a Program Change or Scene Change. Global buttons are only global on their page.

When using groups, this function is not available.

8.5.2 Steps

When activated, only one command will be executed. When using groups, this function is not available.



E.g. on the left:

first press	command **1**
second press	command **2**
third press	command **3**
fourth press	command **1**

*(4 is skipped since it's command is set to **None**)*

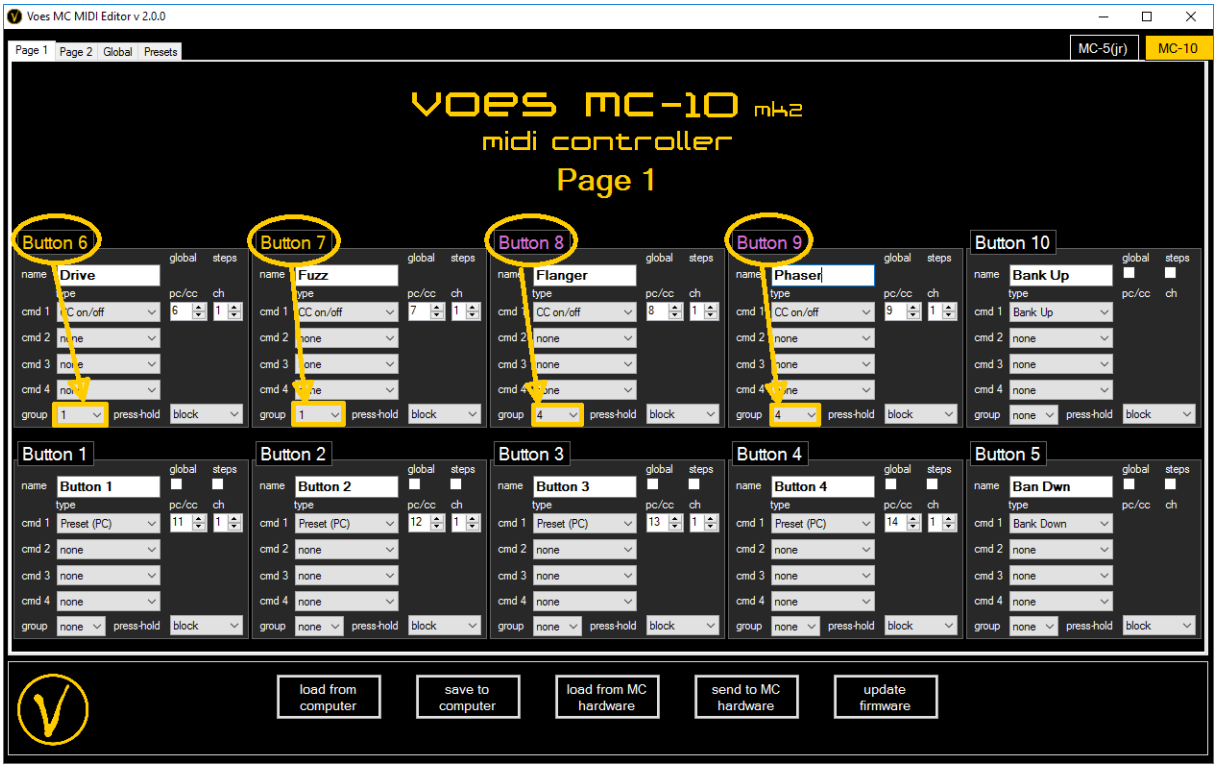
fifth press command **2**

…

With Steps you can't use **Button on/off**. This command will be changed to **nothing.**

If **Reset Steps** is enabled, which you can find in *Global Settings (see section 4*), steps will reset to the first step after 1 second of non-use.

8.5.3 Groups



You can group buttons in one of **4** different button groups. Selecting a button group changes the color of the button (on the editor!) into yellow (1), orange (2), green (3) or purple (4).

If a button is pressed, which is part of a button group, all other buttons in that group will be turned OFF and then the selected button will be activated. It's a very nice feature if you have FXs that are similar but never used together (like different drives) and this feature will avoid tap-dancing.

Group buttons are only grouped together on their respective page.

When using groups, *global* and *steps* are not available because it can cause conflicts.

8.5.4 Press-and-Hold

Using a Page button toggles between buttons 1-5/1-10 and 6-10/11-20.

You can also toggle each button separately by press-and-hold.

When activated, it will change a button to the respective button on the other page by press-and-hold. E.g. press-and-hold button 4 activates button 14, press-and-hold button 12 activates button 2. The press-and-hold time is approximately 0.5 seconds (short) or 1 second (long) depending on the setting in *Global Settings (see section 6*).

Each button on the 1st page can be set to one of five types:

Block: press-and-hold does not work. *Notice that when set to **Block**, the button will respond faster because commands will be processed on button press and not on button release.*

Momentary: press-and-hold will activate the button on the 2nd page once and will return back to the 1st page on the next press. (*)

Hold: press-and-hold will activate the button on the 2nd page and stay there.

Trigger-Only: press-and-hold will activate the button on the 2nd page but will stay on the 1st page. (*)

Block Page: When using a page button, all buttons will switch from Page 1 to Page2. Using **Block Page** will override this. Blocks with this press-hold value will stay on Page 1.

Buttons on the 2nd page are always type hold.

> *(*) Difference between **Momentary** and **Trigger-Only** is subtle and differs in the way the leds behave. Here are two scenarios to explain this.*
>
> #### *Scenario 1:*
>
> *Button x is on normal press **Preset 1 (PC)** and on press-and-hold **Preset 6 (PC)**. Normal press is used mostly, press-and-hold is used occasionally. Here you want to use **Momentary**.*
>
> *On normal press PC 1 will be activated and led will turn green/blue.*

On press-and-hold PC 6 will be activated and led will turn red.

Pressing again (normal press), PC 1 will be activated and led will turn green/blue.

This way you always see which Preset is selected.

Scenario 2:

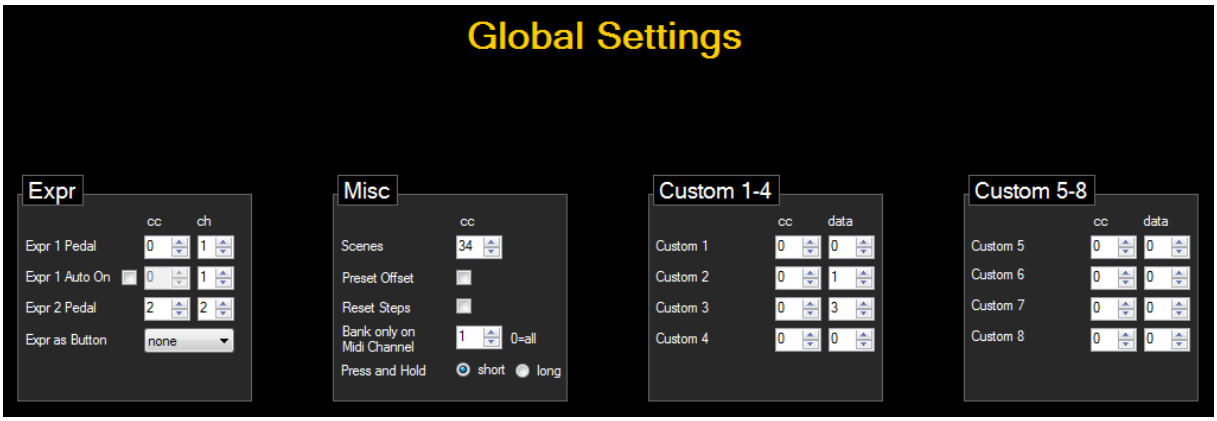
Button x is on normal press ***Tremolo On/Off*** *and press-and-hold* ***Controls the Speed****. Here you want to use* ***Trigger-Only****.*

On normal press Tremolo will be turned On or Off and led will turn green/blue or off.

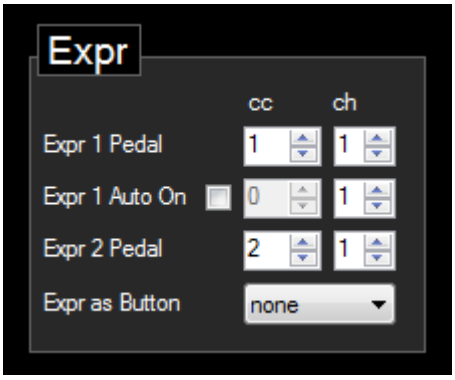
On press-and-hold Speed will change, but the led will stay green/blue or off depending on the state of the Tremolo.

This way you always see the state of the Tremolo.

8.6 Global Settings



8.6.1 Expr



Expr 1 Pedal

CC (1-127) on midi channel **Ch** (1-16). Do not forget to calibrate your pedal! *(see section 5)*

Expr 1 Auto On

E.g. Wah Freq is controlled with CC 1, Wah On/Off is controlled with CC 85.

Instead of sacrificing a button to turn the Wah On/Off, you can use the **Auto On** feature.

Set Expr 1 Pedal CC to **1** and set Expr 1 Auto On **checked** and to CC **85**.

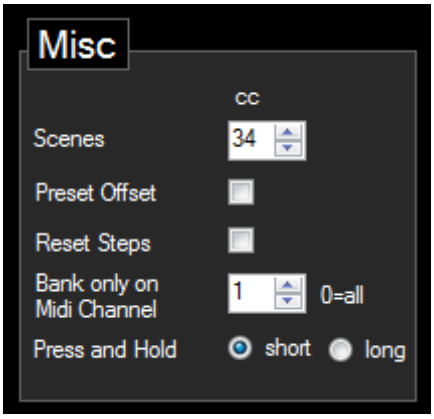
Moving Expression Pedal 1 higher than 5%, turns Wah On. If it is below 5%, it will turn Off.

Expr 2 Pedal *(only avialable on MC-10)*

CC (1-127) on midi channel **Ch** (1-16). Do not forget to calibrate your pedal! *(see section 5).*

Expr as Button

You can use Expression inputs with an External Switch instead of an Expression Pedal. Choose which Expression inputs you want to use with an external switch. The switch will act as an normal On/Off Button with the same Midi data programmed as their respective Expression Pedal.
If you want to use an External Switch **Momentary** instead of **On/Off**, just set "**Expr as Button"** to **none.**



Scenes

MC-5jr/5/10 is capable of handling scenes, a *Fractal Audio Systems* ™ feature. Here you define the Scenes CC (default 34).

Preset Offset

Set PC range to 0-127 or 1-128.

Reset Steps

If enabled, steps will return to the first step after 1 second of non-use.

Bank only on Midi Channel

Commands **Bank Up/Down/Select** only affects the selected Midi Channel.
If Midi Channel 0 is chosen, then Bank select will affect on every Midi Channel.

Press and Hold

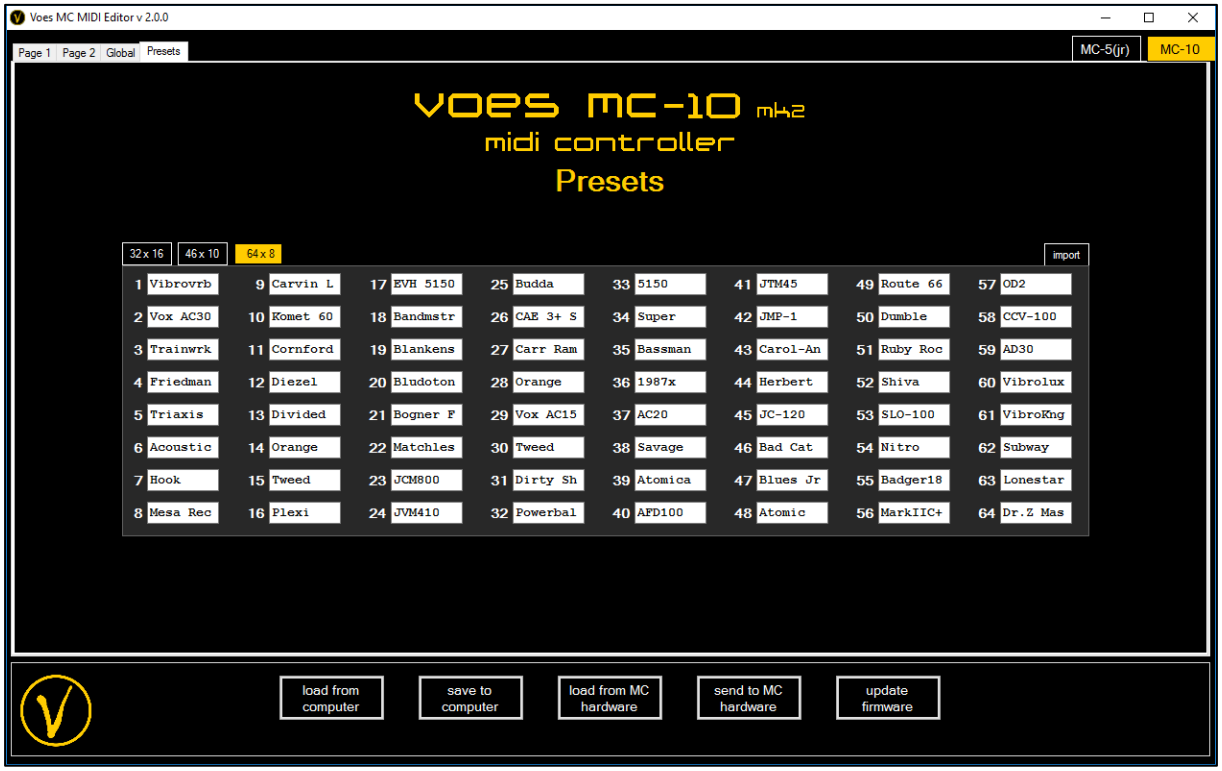
Choose between a short or long time to engage press and hold.

8.6.2 Custom

A normal CC on the **MC-5jr/5/10** sends **Value 0** (minimum) or **127** (maximum). In most cases this is sufficient.

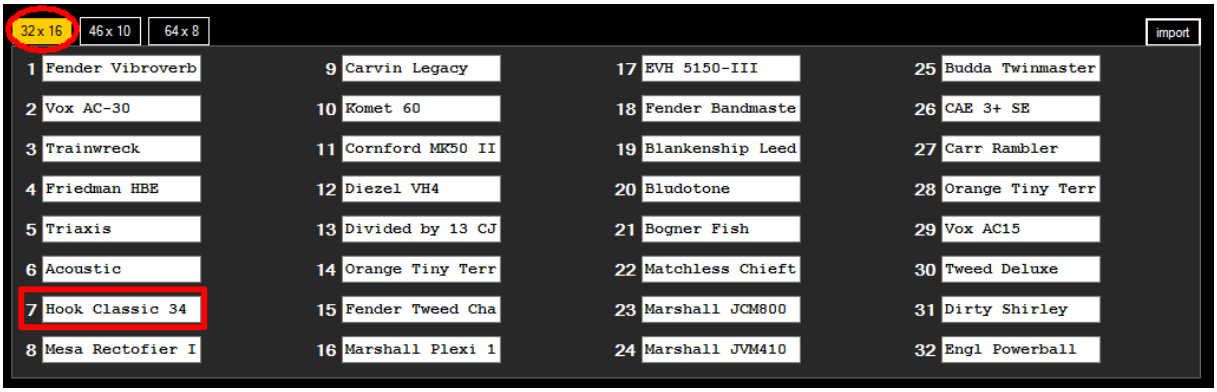
However sometimes you might want to have different values. You can save eight custom **CC** (0-127) and **value** (0-127) values. On a button you can select one of those with a **CC custom** command.

8.7 Presets



Here you can name the first 32 presets with 16 characters or the first 46 presets with 10 characters or the first 64 presets with 8 characters. Your choice!

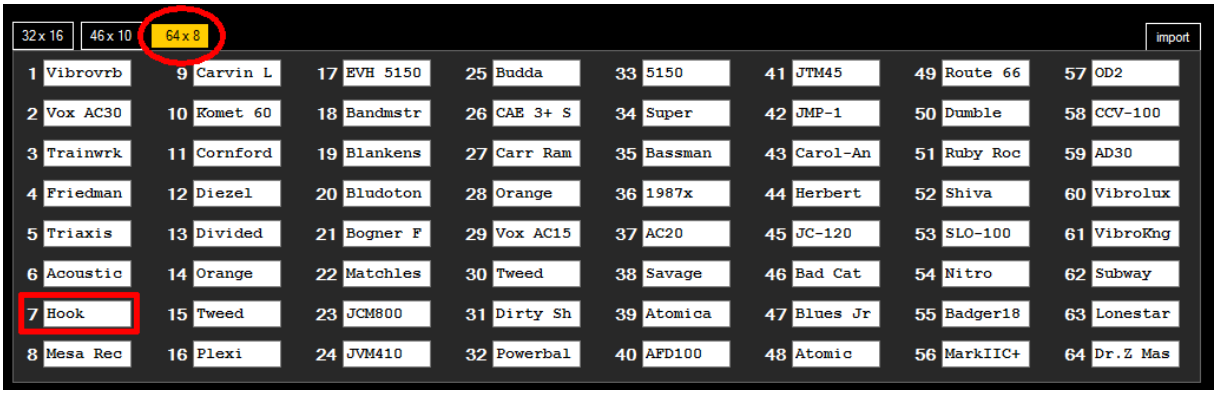
8.7.1 Preset names 32 x 16



Whenever a Program Change is the first command of a button, this name will be displayed on the **MC-5/10** LCD. Presets higher than 32 will be displayed as *"Preset xxx"*. Presets on Page 2 have "*" added.

e.g.:

8.7.2 Preset names 46 x 10 or 64 x 8



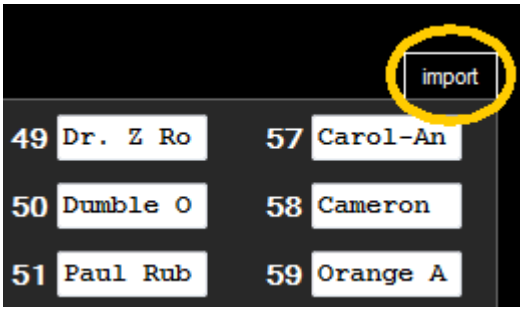
Whenever a Program Change is the first command of a button, this name will be displayed on the first line of the **MC-5/10** LCD. Presets higher than 46 (46x10) / 64 (64x8) will be displayed as *"Preset xxx"*. Presets on Page 2 have "*" as prefix.

e.g.:

8.7.3 Importing preset names

Use the **import** button in the right corner to import preset names from any **TXT** or **CSV** file.

One preset per line. Names will be automatically truncated.



Voes Axe-Fx II Editor and Firmware

9 Voes Axe-Fx II™ Editor and Firmware

This Editor is specially written to work with the Fractal Audio™ Axe-Fx II, Xl and XL+.

The advantage is that preset names, FX on/off and X/Y states are automatically loaded from the Axe-Fx II, Xl and XL+ on a program change.

Tuner info can be displayed on the **MC-5/10.**

In order to work properly it is best to reset the settings to default in Axe-Fx II, Xl and XL+. You can find this parameter in the **Utilities Menu**, under TAB **Reset System**.

Although not necessary it's recommend to change in the **I/O Menu**, under TAB **MIDI**, the **SEND REALTIME SYSEX** parameter to **TUNER.**

The **MC-5jr/5/10** has 10/20 software buttons, divided over 2 pages. Each button has up to 4 commands. As there are only 5/10 physical buttons, there has to be a way to select the *other* 5/10 buttons. You can do this by either creating a **Page** button, which toggles between buttons 1-5/1-10 and 6-10/11-20, or by using press-and-hold to toggle each button separately. A combination of both is also a possibility.

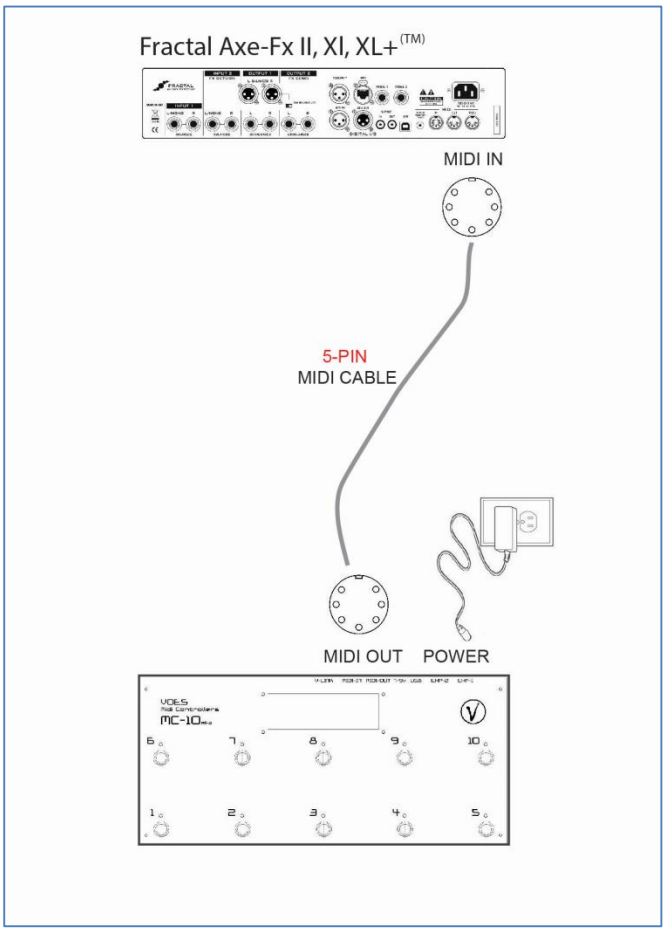
9.1 IMPORTANT

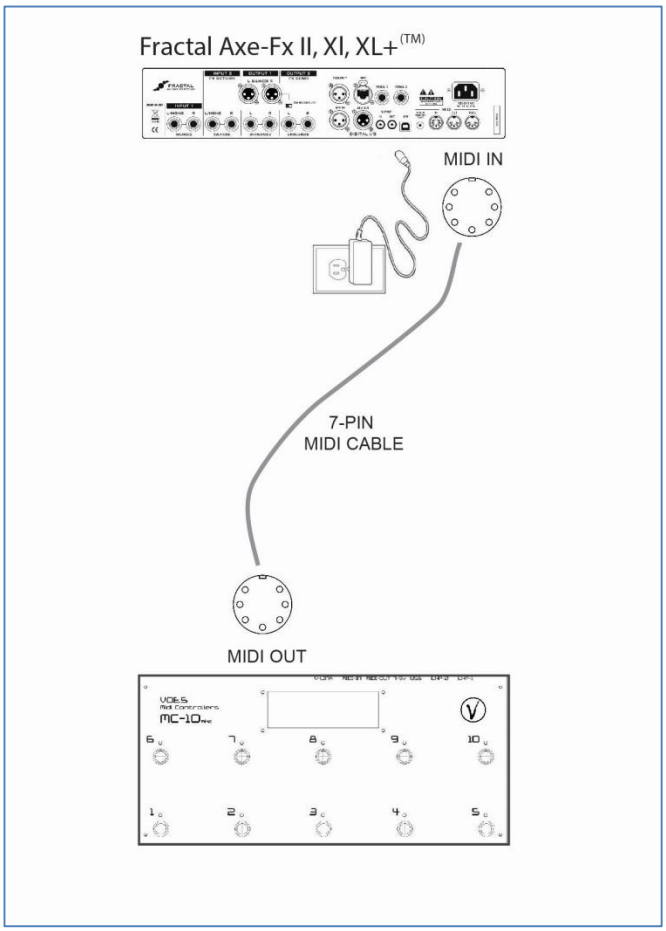
The **MC-5jr/5/10** will only work when it's connected to a powered-up Axe-Fx II, Xl or XL+™. If the **MC-5jr/5/10** doesn't get a response from the Axe-Fx II, Xl or XL+™, it will freeze.

In that case, make sure the up Axe-Fx II, Xl or XL+™ is on and connected to the **MC-5jr/5/10** and reboot the **MC-5jr/5/10** by removing the power-cable for a second.

10 Connection examples

10.1 Using Midi-Cable



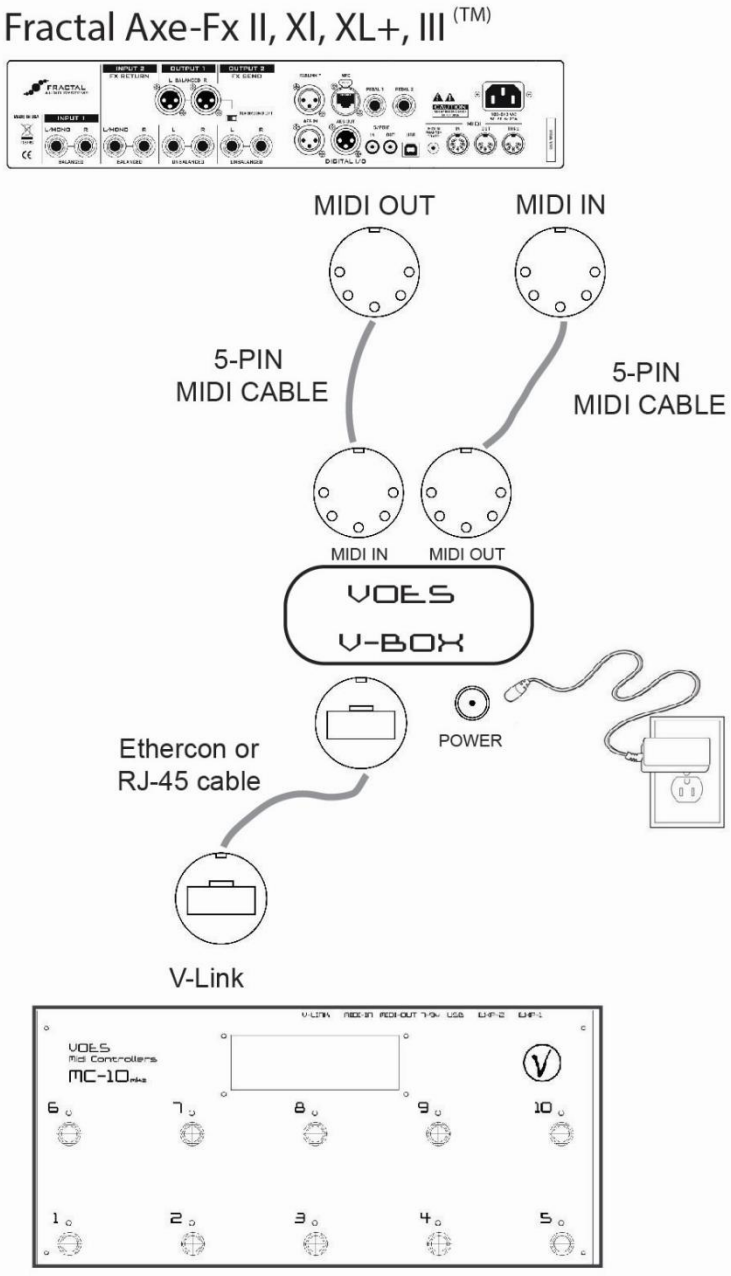


10.2 Using Voes V-link *(only available on MC-10)*

The **Voes MC-10** has an extra Ethercon connector, called the **V-link**.

You can only use this connector in combination with the **Voes V-BOX.** Connection between **MC-10** and **V-BOX** is done by an Ethercon or any other regular network cable (RJ-45). The advantage is that you only need one *(common available)* cable.

The **V-BOX** will split the signal into Midi In, Midi Out and Power.



The MC-10 V-link can only be used with the Voes V-BOX.

Do NOT connect it to other devices with RJ-45 connectors like the Axe-Fx II MFC connector or the Kemper Profiler Network connector

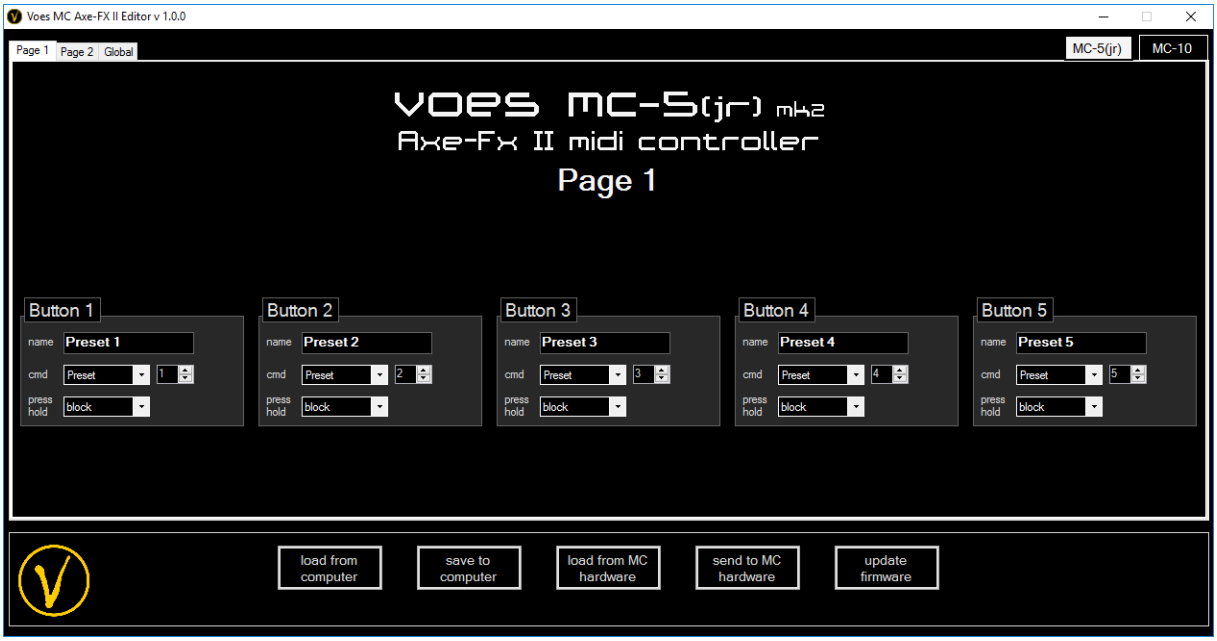
It can harm your MC-10 irreparable!

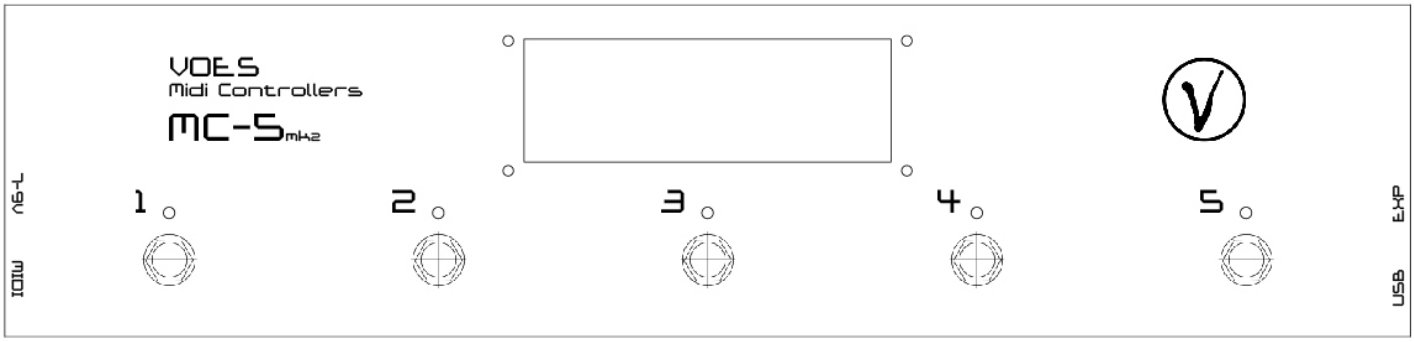
11 Voes Axe-Fx II™ Editor

11.1 Overview

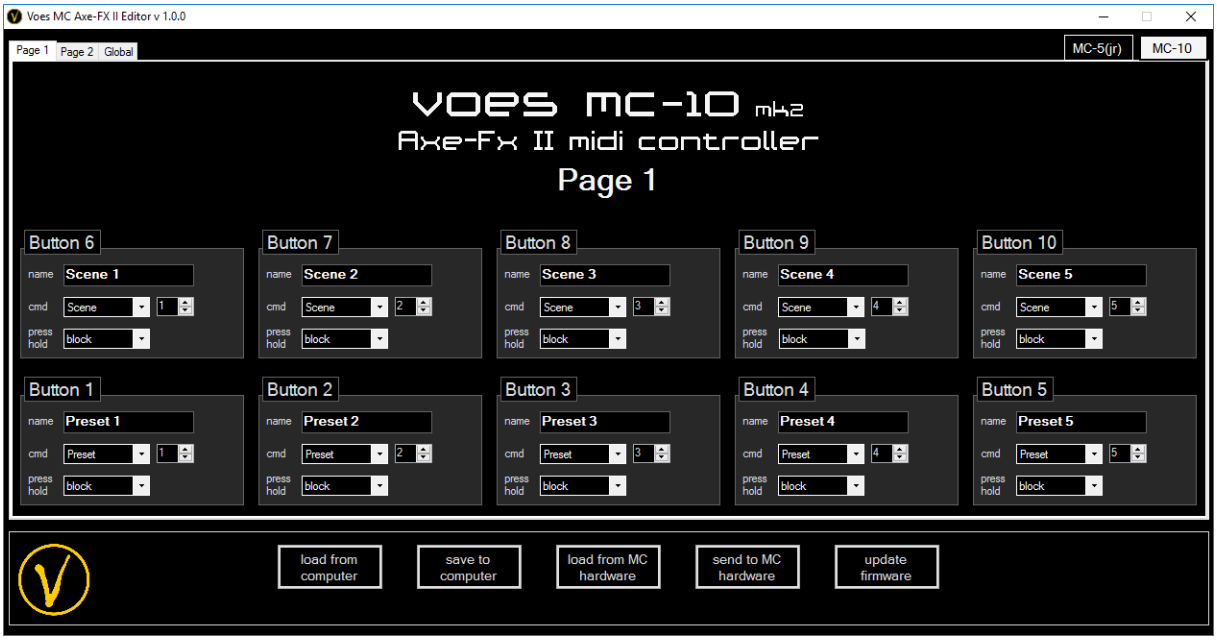
The **MC-5jr/5/10** has the same layout as the hardware, making programming a breeze.

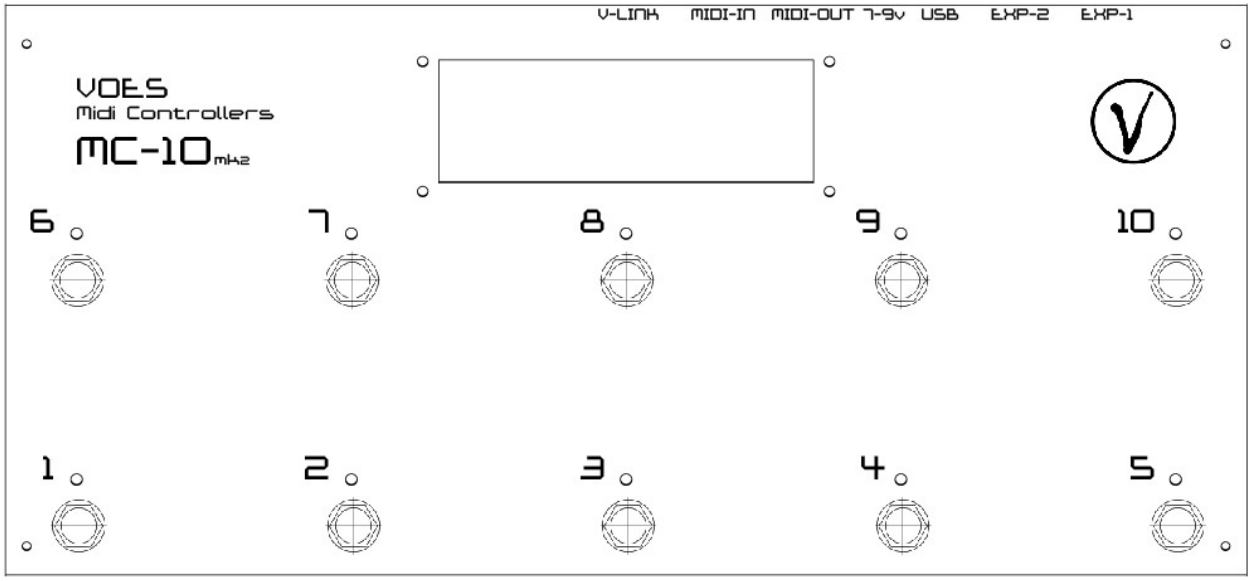
MC-5/MC-5jr





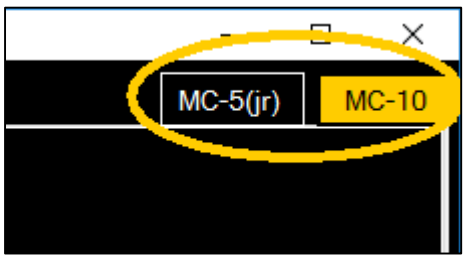
MC-10





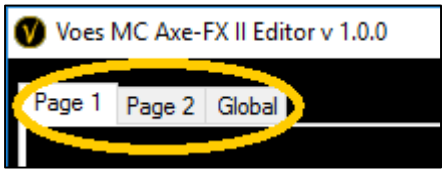
11.2 Switching between MC-5(jr) and MC-10

You can switch between MC versions in the top right corner. The chosen version is saved on data-files you create. Data-files are compatible and exchangeable between MC-5jr, MC-5 and MC-10.



11.3 Tab-pages

In the top left corner you can find the tabs **Page 1, Page 2** and **Global**.



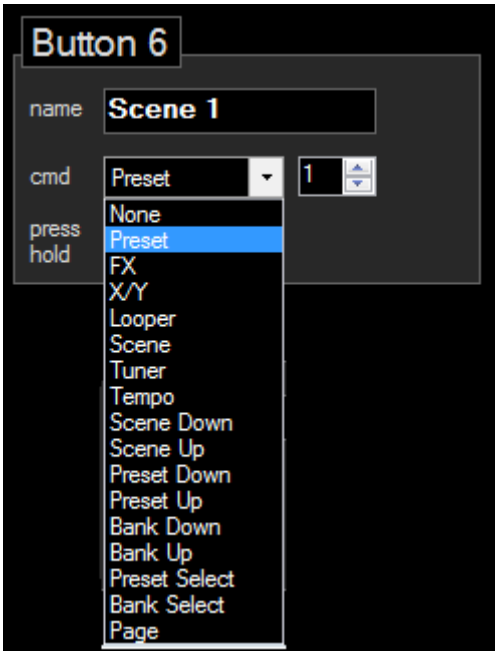
Page 1 gives you an overview of buttons 1-5/1-10, *Page 2* of buttons 6-10/11-20.

Global tab is for editing Global Settings, see section 9.

11.4 The Button

Each button can be **named**. If the first command is not a Program Change, this text is displayed on the second line on the **MC-5/10** LCD.

18 different **Types** are available.



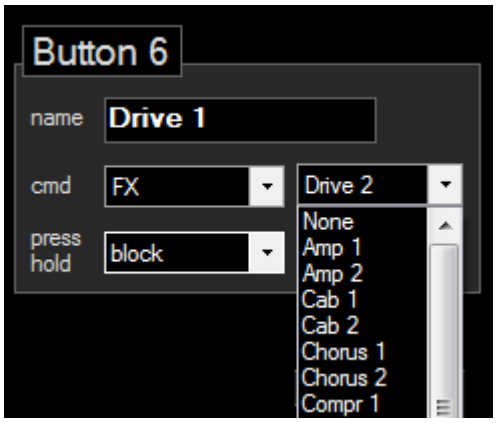
None

None does nothing!

Preset

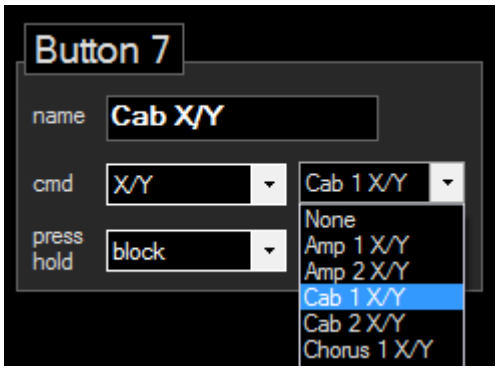
Preset**.** All presets are accessible (1-384)

FX



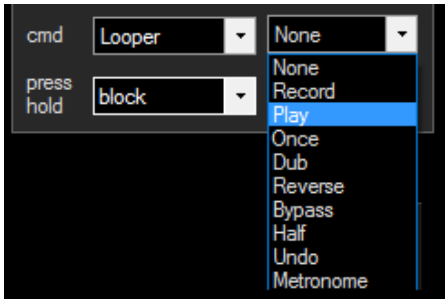
You can choose of all the Axe-Fx II's different FX types (63). The initial On/Off state will be loaded from the Axe-Fx II on a Preset or Scene Change.

X/Y



You can choose of all the Axe-Fx II's different X/Y types (19). The initial On/Off state will be loaded from the Axe-Fx II on a Preset or Scene Change.

Looper



Here you find the different looper commands. The MC use the Leds accordingly:

- If *Record* is pressed. Record Led is on and Play Led is off an vice versa.
- If *Once* is pressed the Led goes on for 0.5 seconds.
- Dub, Reverse, Bypass, Half and Metronome Leds work like normal On/Off Leds.
- Undo Led will blink briefly.

Scenes

The **MC-5jr/5/10** is capable of handling scenes.

When a Scene button is activated, all other Scene buttons will be turned off.

Tuner

Shows the *Tuner* info. Press any button to leave the tuner mode.

Tempo

Sends a *Tempo* command. Led will blink in tempo.

Scene Down/Scene Up

You can step down or up through Scenes.

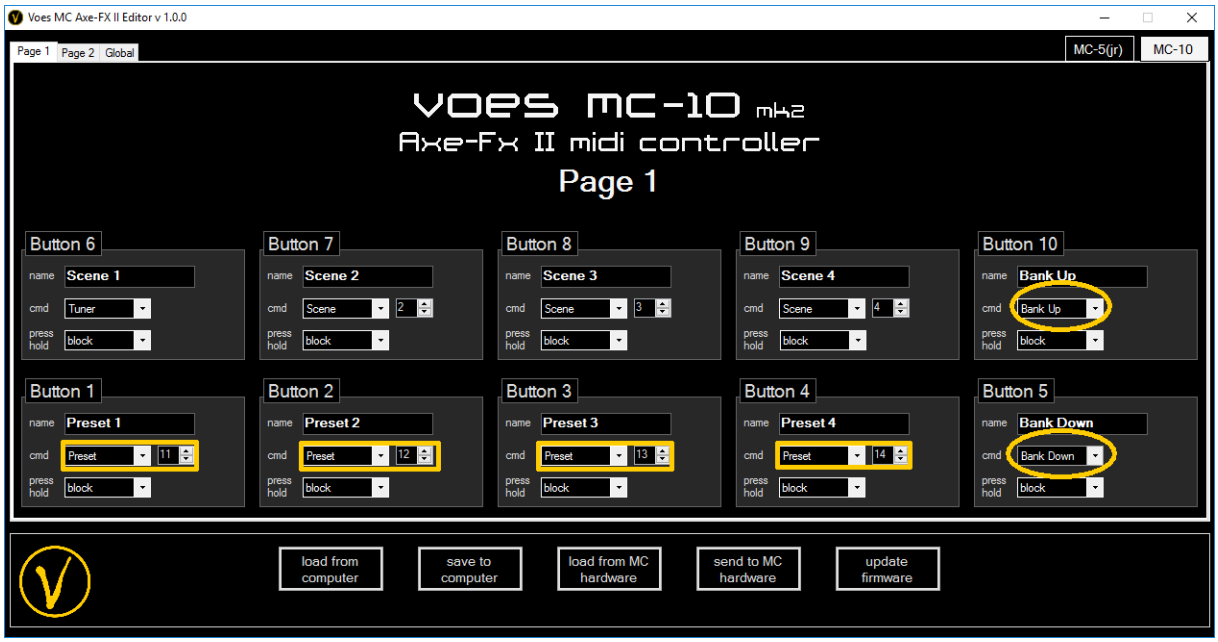
Preset Down/Preset Up

You can decrease/increase the current preset number. Only useful when 0 or 1 preset is programmed on a Page.

If no preset is programmed on a Page, default start preset is 1.

Bank Down / Bank Up

Bank Down/Up selects the first preset number and decreases/increases it with the count of all the presets on both pages.



E.g. buttons 1, 2 , 3, 4 are defined as **Preset** Buttons with respective values 11, 12, 13 and 14.

If you push button 10 **Bank Up**, the **MC-5jr/5/10** will seek the first Preset value (11) and will add the count of all Preset buttons (4) giving you 11 + 4 = 15, 16, 17 and 18.

Preset Select

When clicking on a **Preset Select** button, all leds will blink green/blue and all buttons are connected to their respective Preset number. E.g. clicking on button 4 will bring you to preset 4. After selection, buttons will go back to their programmed state.

Bank Select

When clicking on a **Bank Select** button, all leds will blink red and all buttons are connected to their respective Bank number. E.g. clicking on button 3 will bring you to bank 3. After selection, buttons will go back to their programmed state.

Page

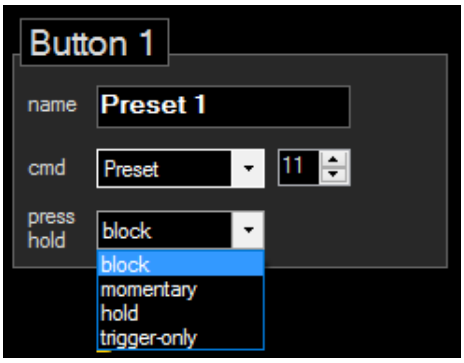
There are two ways to select another page.

Using a **Page** button toggles between page 1 and 2, and changes all buttons at once. *(Be aware that in order to go back you need to program a **Page** button on each page.)*

Or you can change one button to its respective button on the other page by press-and-hold (see *section 3.5)*. E.g. press button 2 activates button 2, press-and-hold button 2 activates button 12. press-and-hold button 2 again activates button 2.

Buttons on Page 1 are indicated by a blue or green led. Buttons on Page 2 by a red led.

11.5 Press-and-Hold



Using a Page button toggles between buttons 1-5/1-10 and 6-10/11-20.

You can also toggle each button separately by press-and-hold.

When activated, it will change a button to the respective button on the other page by press-and-hold. E.g. press-and-hold button 4 activates button 14, press-and-hold button 12 activates button 2. The press-and-hold time is approximately 0.5 seconds (short) or 1 second (long) depending on the setting in *Global Settings (see section 9*).

Each button on the 1st page can be set to one of four types:

Block: press-and-hold does not work. *Notice that when set to **Block**, the button will respond faster because commands will be processed on button press and not on button release.*

Momentary: press-and-hold will activate the button on the 2nd page once and will return back to the 1st page on the next press. (*)

Hold: press-and-hold will activate the button on the 2nd page and stay there.*

Trigger-Only: press-and-hold will activate the button on the 2nd page but will stay on the 1st page. (*)

Buttons on the 2nd page are always type hold.

*(*) Difference between **Momentary** and **Trigger-Only** is subtle and differs in the way the leds behave. Here are two scenarios to explain this.*

Scenario 1:

*Button x is on normal press **Preset 1** and on press-and-hold **Preset 6**. Normal press is used mostly, press-and-hold is used occasionally. Here you want to use **Momentary**.*

On normal press Preset 1 will be activated and led will turn green/blue.

On press-and-hold Preset 6 will be activated and led will turn red.

Pressing again (normal press), Preset 1 will be activated and led will turn green/blue.

This way you always see which Preset is selected.

Scenario 2:

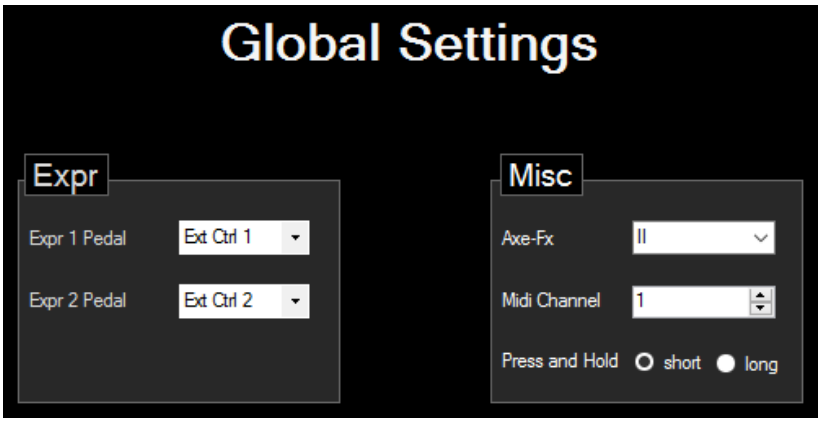
*Button x is on normal press **Drive 1 On/Off** and press-and-hold **Controls the X/Y state of the Drive 1**. Here you want to use **Trigger-Only**.*

On normal press Drive1 will be turned On or Off and led will turn green/blue or off.

On press-and-hold X/Y will change, but the led will stay green/blue or off depending on the state of Drive1.

This way you always see the state of the Drive 1.

11.6 Global Settings



Expr 1 Pedal

Select one of the 12 available **External Controllers**.
Do not forget to calibrate your pedal! *(see section 5)*

Expr 2 Pedal *(only available on MC-10)*

Select one of the 12 available **External Controllers**.
Do not forget to calibrate your pedal! *(see section 5)*

Axe-Fx

Specify which model you use: Fractal Audio™ Axe-Fx II, XL or XL+.

Midi Channel

Specify on which MIDI channel you want to communicate with the Fractal Audio™ Axe-Fx II, XL or XL+.

Press and Hold

Choose between a short or long time to engage press and hold.

Voes Axe-Fx III Editor and Firmware

12 Voes Axe-Fx III™ Editor and Firmware

This Editor is specially written to work with the Fractal Audio™ Axe-Fx III.

The advantage is that preset names, scene names and block states are automatically loaded from the Axe-Fx III on a program change.

Tuner info can be displayed on the **MC-5/10** and the Looper is supported.

In order to be able to communicate with the Fractal Audio™ Axe-Fx III you have to set the "**SEND REALTIME SYSEX"** parameter to **ON**. You can find this parameter in **SETUP, MIDI/REMOTE**, under **GENERAL.**

The **MC-5jr/5/10** has 10/20 software buttons, divided over 2 pages. Each button has up to 4 commands. As there are only 5/10 physical buttons, there has to be a way to select the *other* 5/10 buttons. You can do this by either creating a **Page** button, which toggles between buttons 1-5/1-10 and 6-10/11-20, or by using press-and-hold to toggle each button separately. A combination of both is also a possibility.

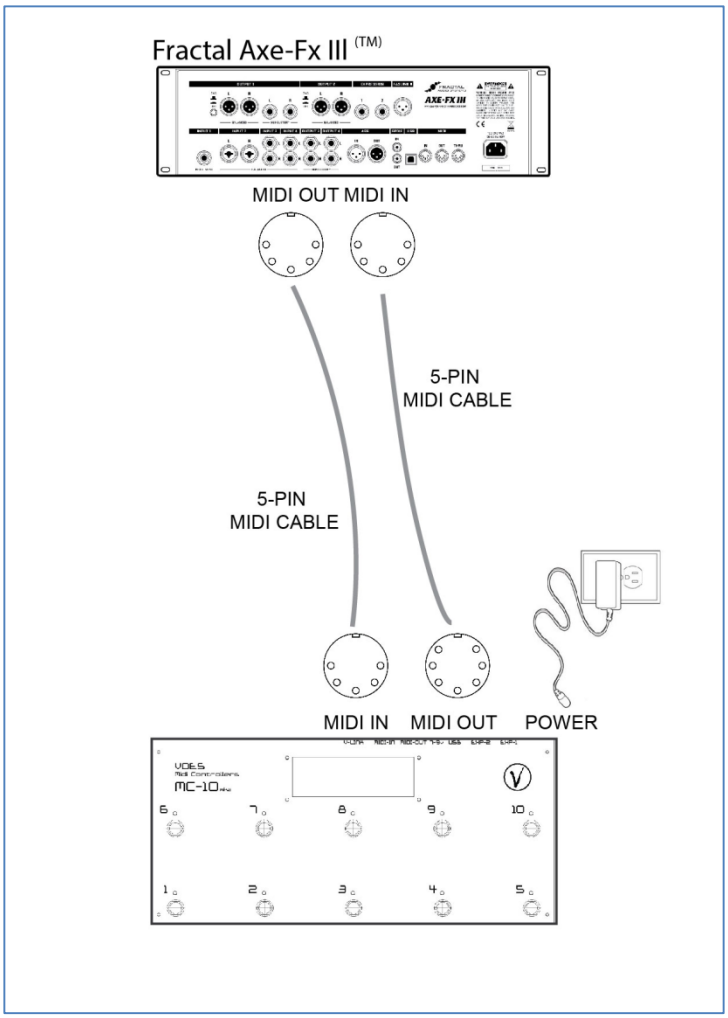
12.1 IMPORTANT

The **MC-5jr/5/10** will only work when it's connected to a powered-up Axe-Fx III™. If the **MC-5jr/5/10** doesn't get a response from the Axe-Fx III™, it will freeze.

In that case, make sure the Axe-Fx III™ is turned on and connected to the **MC-5jr/5/10** and reboot the **MC-5jr/5/10** by removing the power-cable for a second.

13 Connection examples

13.1 Using Midi-Cables

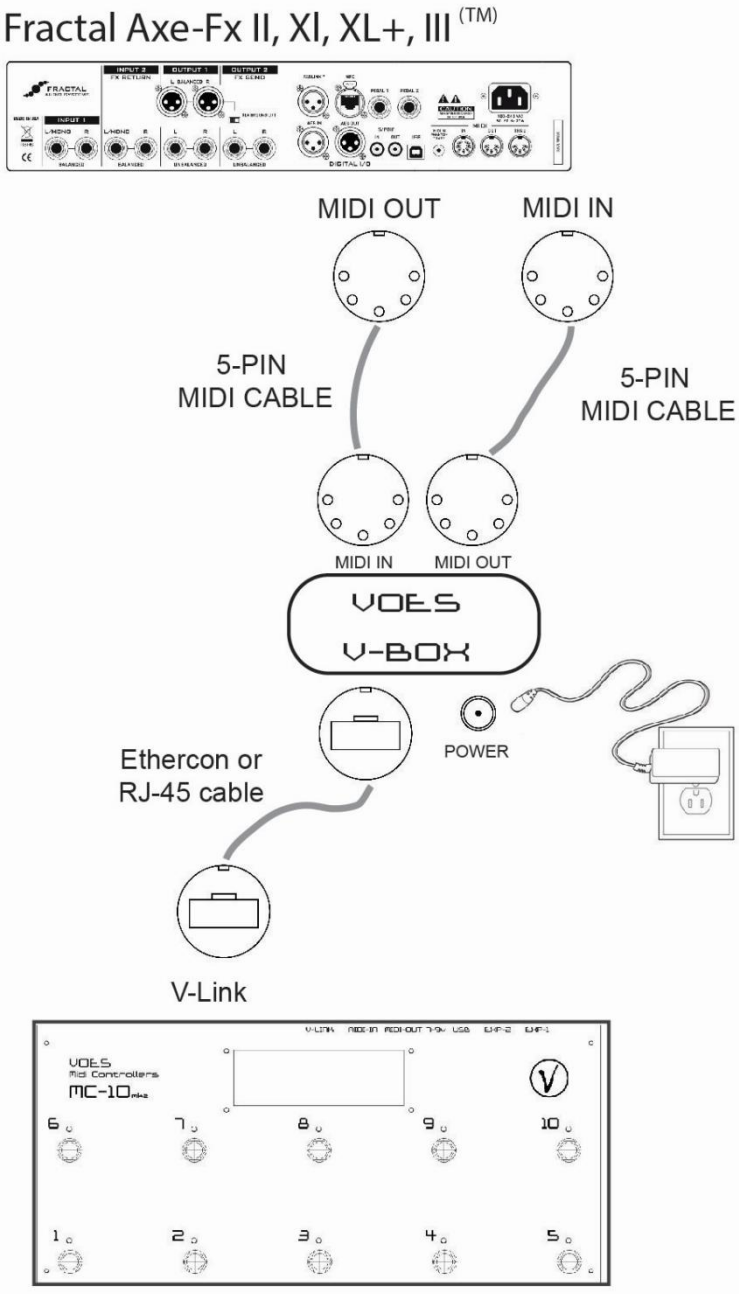


13.2 Using Voes V-link *(only available on MC-10)*

The **Voes MC-10** has an extra Ethercon connector, called the **V-link**.

You can only use this connector in combination with the **Voes V-BOX.** Connection between **MC-10** and **V-BOX** is done by an Ethercon or any other regular network cable (RJ-45). The advantage is that you only need one *(common available)* cable.

The **V-BOX** will split the signal into Midi In, Midi Out and Power.



The MC-10 V-link can only be used with the Voes V-BOX.

Do NOT connect it to other devices with RJ-45 connectors like the Axe-Fx II MFC connector or the Kemper Profiler Network connector

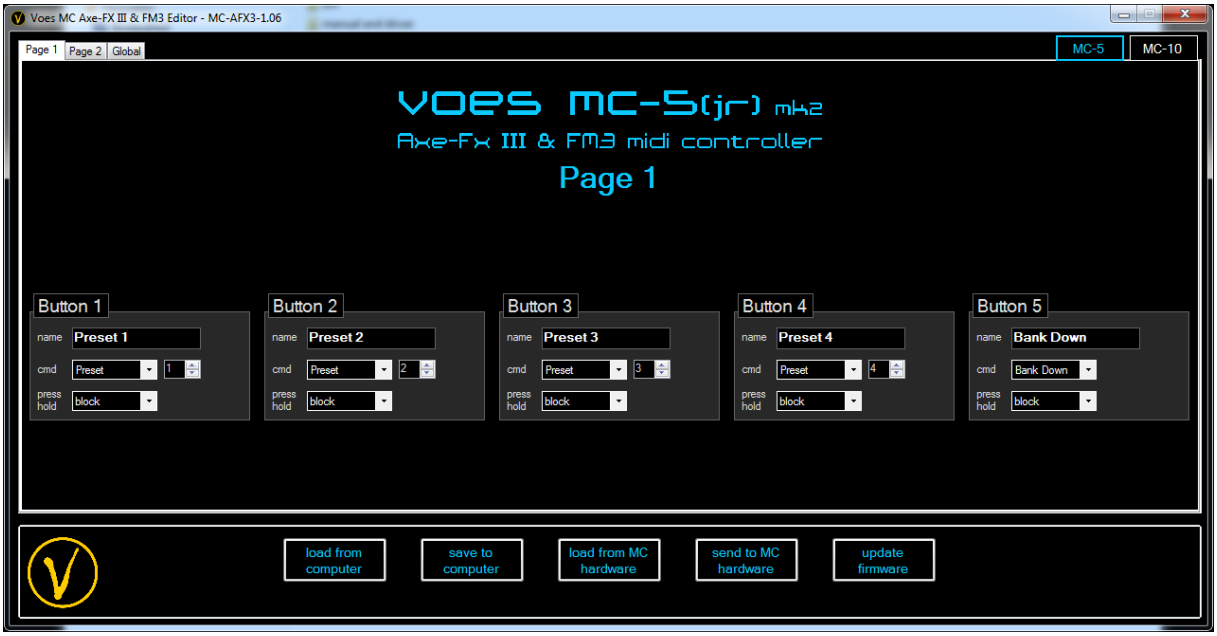
It can harm your MC-10 irreparable!

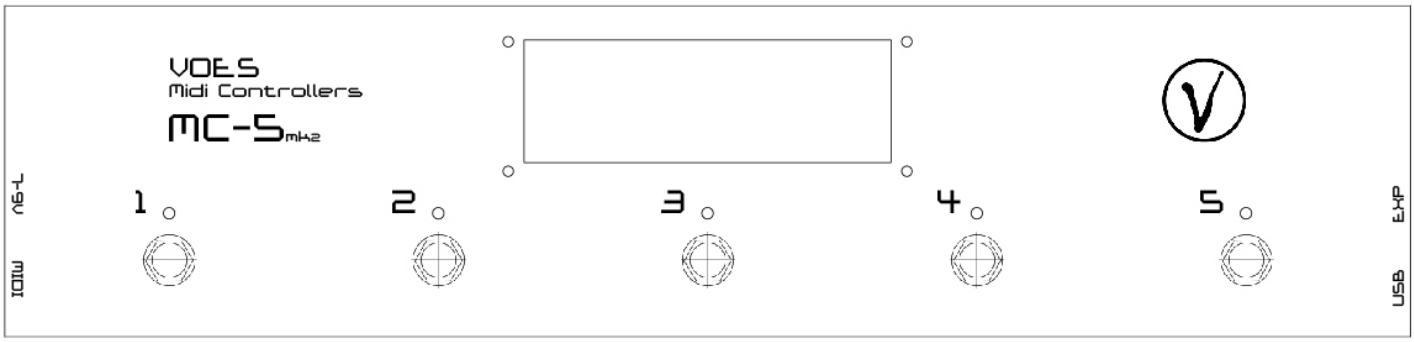
14 Voes Axe-Fx III™ Editor

14.1 Overview

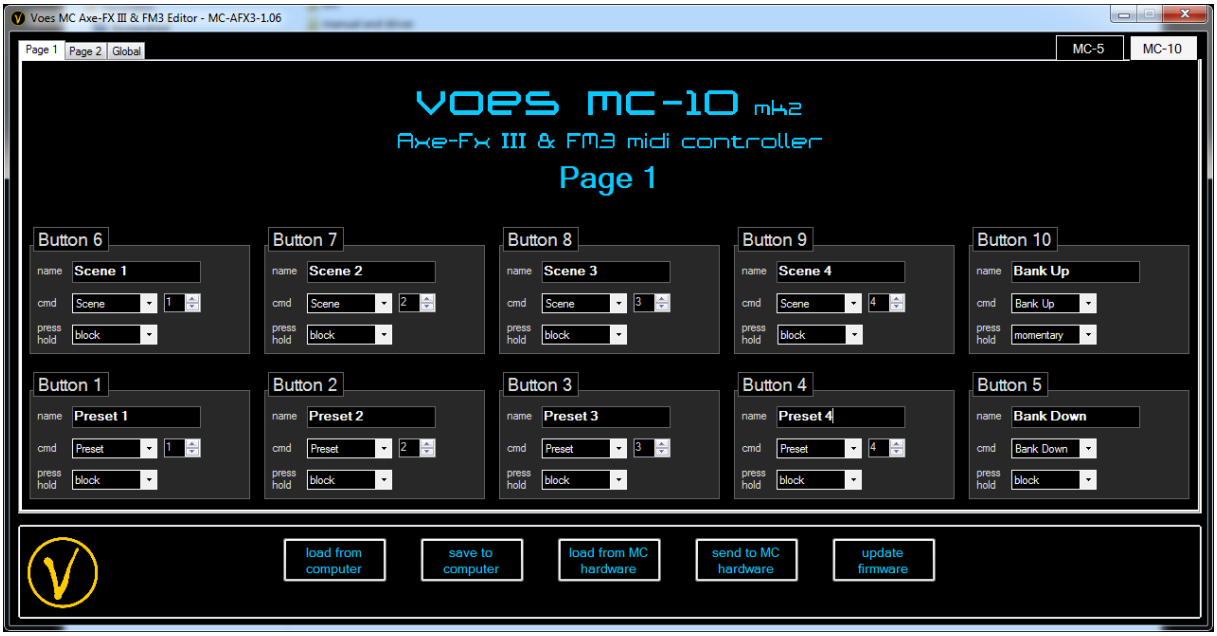
The **MC-5jr/5/10** has the same layout as the hardware, making programming a breeze.

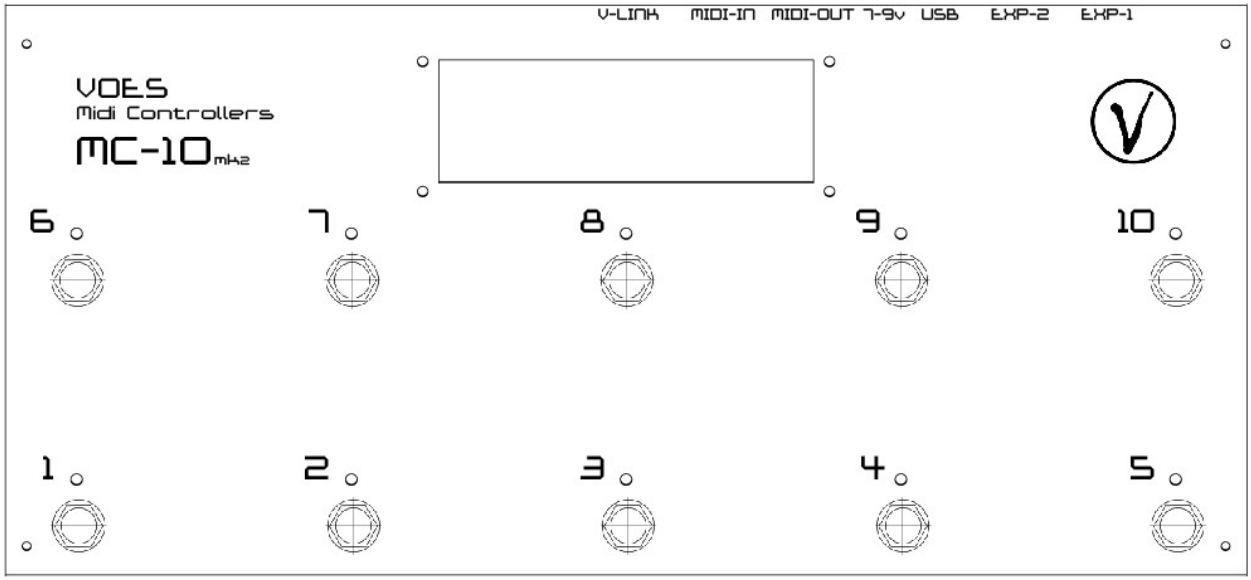
MC-5/MC-5jr





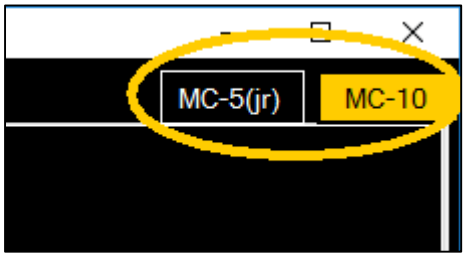
MC-10





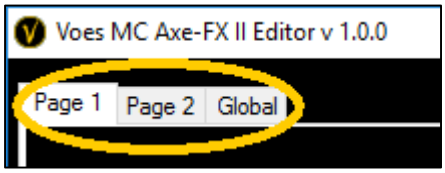
14.2 Switching between MC-5(jr) and MC-10

You can switch between MC versions in the top right corner. The chosen version is saved on data-files you create. Data-files are compatible and exchangeable between MC-5jr, MC-5 and MC-10.



14.3 Tab-pages

In the top left corner you can find the tabs **Page 1, Page 2** and **Global**.



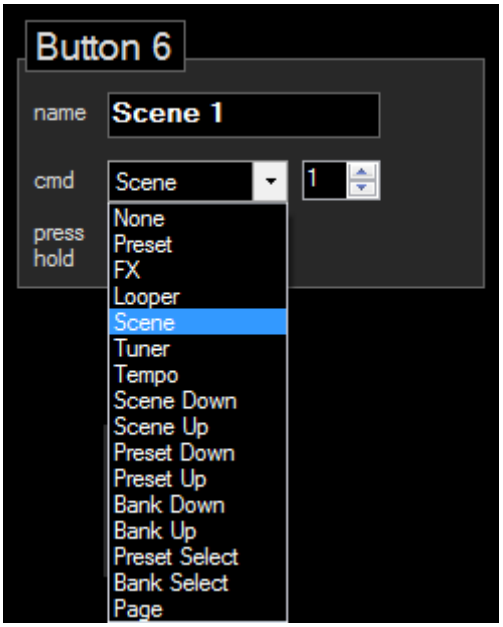
Page 1 gives you an overview of buttons 1-5/1-10, *Page 2* of buttons 6-10/11-20.

Global tab is for editing Global Settings, see section 9.

14.4 The Button

Each button can be **named**. If the first command is not a Program Change, this text is displayed on the second line on the **MC-5/10** LCD.

16 different **Types** are available.



None

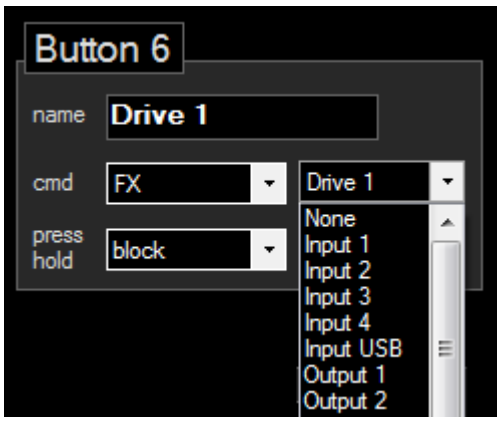
None does nothing!

Preset

Preset**.** All presets are accessible (1-512)

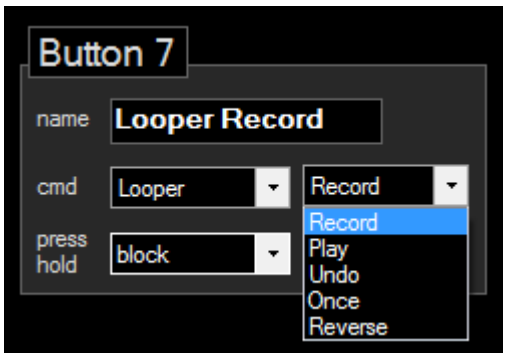
Preset name will be loaded on the first row of the LCD.

FX



You can choose of all the Axe-Fx III's different FX types (97). The initial On/Off state will be loaded from the Axe-Fx III on a Preset or Scene change.

Looper



Here you find the different looper commands. The MC use the Leds accordingly:

- If *Record* is pressed. Record Led is on and Play Led is off an vice versa.
- If *Once* is pressed the Led goes on for 1 seconds.
- Reverse Led works like a normal On/Off Leds.
- Undo Led will blink briefly.

Scenes

The **MC-5jr/5/10** is capable of handling scenes.

When a Scene button is activated, all other Scene buttons will be turned off.

Scene name will be loaded on the second row of the LCD.

Tuner

Shows the *Tuner* info. Press any button to leave the tuner mode.

Tempo

Sends a *Tempo* command. Led will blink in tempo.

Scene Down/Scene Up

You can step down or up through Scenes.

Scene name will be loaded on the second row of the LCD.

Preset Down/Preset Up

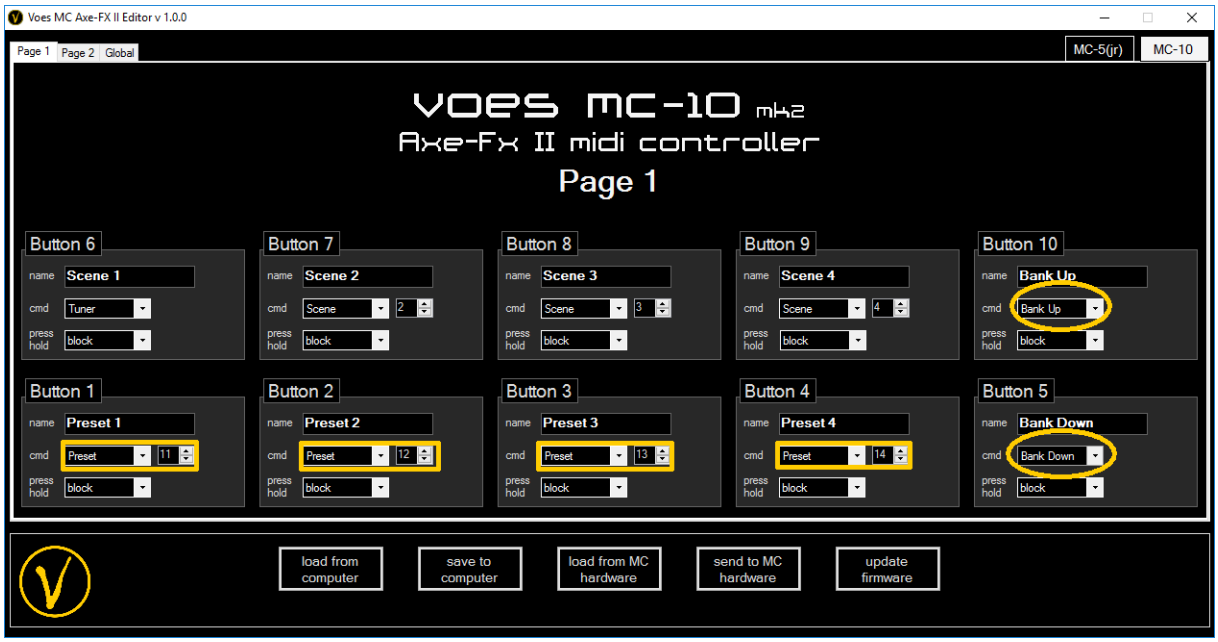
You can decrease/increase the current preset number. Only useful when 0 or 1 preset is programmed on a Page.

If no preset is programmed on a Page, default start preset is 1.

Preset name will be loaded on the first row of the LCD.

Bank Down / Bank Up

Bank Down/Up selects the first preset number and decreases/increases it with the count of all the presets on both pages.



E.g. buttons 1, 2 , 3, 4 are defined as **Preset** Buttons with respective values 11, 12, 13 and 14.

If you push button 10 **Bank Up**, the **MC-5jr/5/10** will seek the first Preset value (11) and will add the count of all Preset buttons (4) giving you 11 + 4 = 15, 16, 17 and 18.

Preset Select

When clicking on a **Preset Select** button, all leds will blink green/blue and all buttons are connected to their respective Preset number. E.g. clicking on button 4 will bring you to preset 4. After selection, buttons will go back to their programmed state.

Preset name will be loaded on the first row of the LCD.

Bank Select

When clicking on a **Bank Select** button, all leds will blink red and all buttons are connected to their respective Bank number. E.g. clicking on button 3 will bring you to bank 3. After selection, buttons will go back to their programmed state.

Page

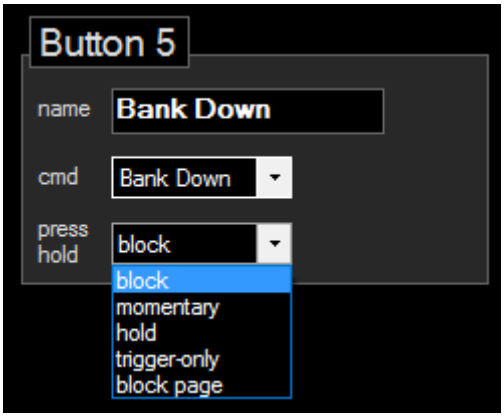
There are two ways to select another page.

Using a **Page** button toggles between page 1 and 2, and changes all buttons at once. *(Be aware that in order to go back you need to program a **Page** button on each page.)*

Or you can change one button to its respective button on the other page by press-and-hold (see *section 3.5)*. E.g. press button 2 activates button 2, press-and-hold button 2 activates button 12. press-and-hold button 2 again activates button 2.

Buttons on Page 1 are indicated by a blue or green led. Buttons on Page 2 by a red led.

14.5 Press-and-Hold



Using a Page button toggles between buttons 1-5/1-10 and 6-10/11-20.

You can also toggle each button separately by press-and-hold.

When activated, it will change a button to the respective button on the other page by press-and-hold. E.g. press-and-hold button 4 activates button 14, press-and-hold button 12 activates button 2. The press-and-hold time is approximately 0.5 seconds (short) or 1 second (long) depending on the setting in *Global Settings (see section 9*).

Each button on the 1st page can be set to one of five types:

Block: press-and-hold does not work. *Notice that when set to **Block**, the button will respond faster because commands will be processed on button press and not on button release.*

Momentary: press-and-hold will activate the button on the 2nd page once and will return back to the 1st page on the next press. (*)

Hold: press-and-hold will activate the button on the 2nd page and stay there.*

Trigger-Only: press-and-hold will activate the button on the 2nd page but will stay on the 1st page. (*)

Block Page: When using a page button, all buttons will switch from Page 1 to Page2. Using **Block Page** will override this. Blocks with this press-hold value will stay on Page 1.

Buttons on the 2nd page are always type hold.

*(*) Difference between **Momentary** and **Trigger-Only** is subtle and differs in the way the leds behave. Here are two scenarios to explain this.*

Scenario 1:

*Button x is on normal press **Preset 1** and on press-and-hold **Preset 6**. Normal press is used mostly, press-and-hold is used occasionally. Here you want to use **Momentary**.*

On normal press Preset 1 will be activated and led will turn green/blue.

On press-and-hold Preset 6 will be activated and led will turn red.

Pressing again (normal press), Preset 1 will be activated and led will turn green/blue.

This way you always see which Preset is selected.

Scenario 2:

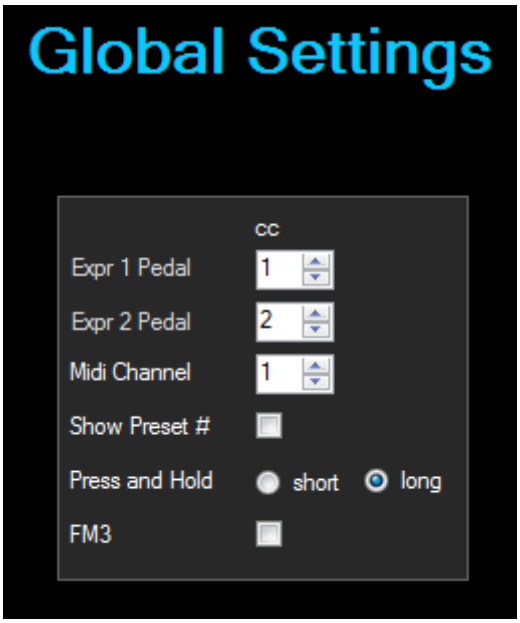
*Button x is on normal press **Drive 1 On/Off** and press-and-hold **Controls the X/Y state of the Drive 1**. Here you want to use **Trigger-Only**.*

On normal press Drive1 will be turned On or Off and led will turn green/blue or off.

On press-and-hold X/Y will change, but the led will stay green/blue or off depending on the state of Drive1.

This way you always see the state of the Drive 1.

14.6 Global Settings



Expr 1 Pedal / Expr 2 Pedal

Set all CC's to the same CC's as you programmed in the Axe-Fx III.

You can find these in the Fractal Audio™ Axe-Fx III under **SETUP, MIDI/REMOTE**, under TAB **External.**

Do not forget to calibrate your pedals! *(see section 5)*

Show Preset

If checked, Preset Number and Preset Name will be shown. Preset names will be truncated to 12 characters.

If unchecked, preset names will be truncated to 16 characters.

Midi Channel

Specify on which MIDI channel you want to communicate with the Fractal Audio™ Axe-Fx III/FM3.

Press and Hold

Choose between a short or long time to engage press and hold.

FM3

Specify if the MC is connected to a Fractal Audio Axe-Fx III™ (unchecked) or a Fractal Audio FM3™ (checked).

Voes Kemper Editor and Firmware

15 Voes Kemper Editor and Firmware

This Editor is specially written to work with the Kemper Profiler™.

In order to communicate properly with the **MC-5jr/5/10**, you have to set the Kemper Profiler to **Perform Mode**.

The advantage is that Performance & Rig names, Stomp & FX on/off states are automatically loaded from the Kemper Profiler on a Performance or Rig change.

Tuner info can be displayed on the **MC-5/10.**

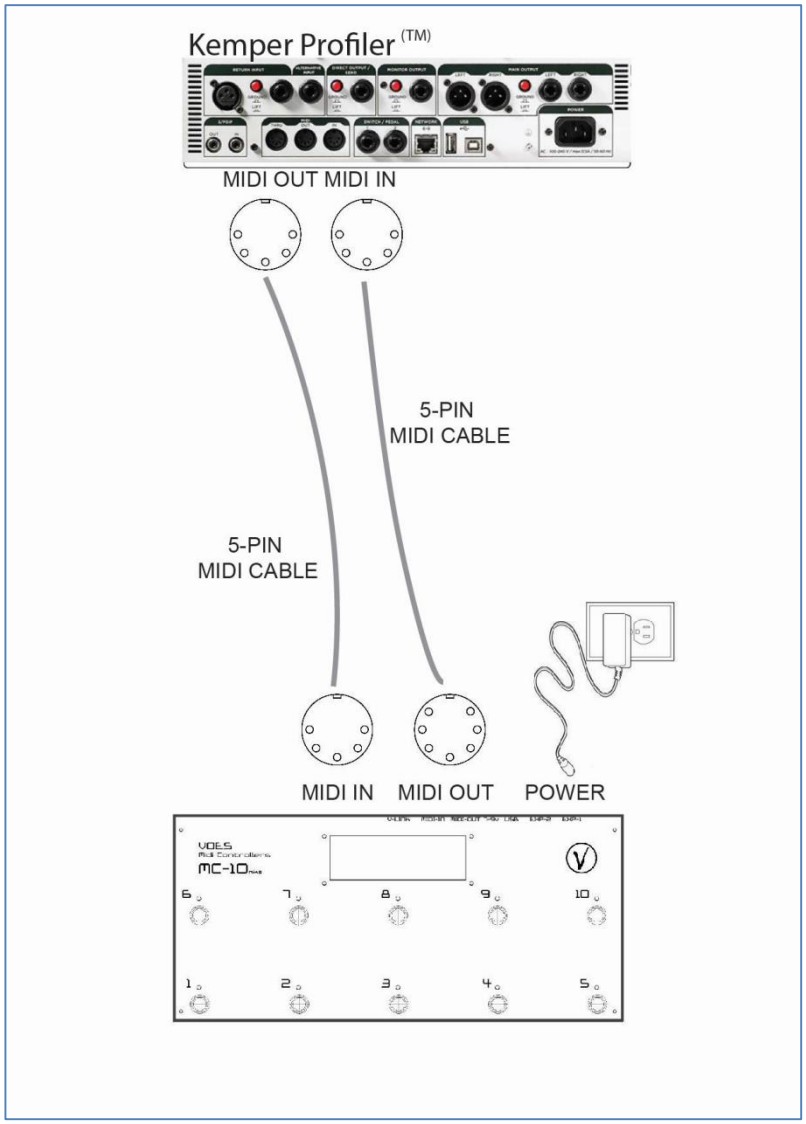
15.1 IMPORTANT

The **MC-5jr/5/10** will only work when it's connected to a powered-up Kemper Profiler™. If the **MC-5jr/5/10** doesn't get a response from the Kemper Profiler™, it will freeze.

In that case, make sure the up Kemper Profiler™ is on and connected to the **MC-5jr/5/10** and reboot the **MC-5jr/5/10** by removing the power-cable for a second.

16 Connection examples

16.1 Using Midi-Cable

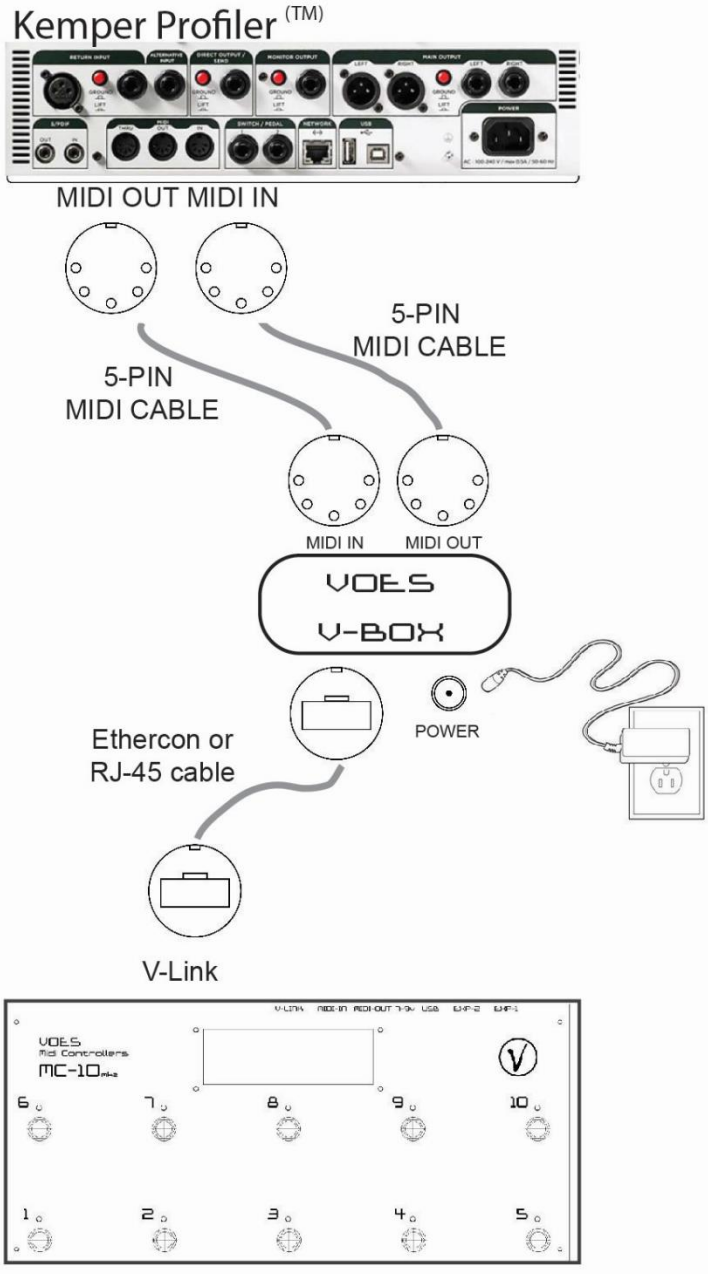


16.2 Using Voes V-link *(only available on MC-10)*

The **Voes MC-10** has an extra Ethercon connector, called the **V-link**.

You can only use this connector in combination with the **Voes V-BOX.** Connection between **MC-10** and **V-BOX** is done by an Ethercon or any other regular network cable (RJ-45). The advantage is that you only need one *(common available)* cable.

The **V-BOX** will split the signal into Midi In, Midi Out and Power.



The MC-10 V-link can only be used with the Voes V-BOX.

Do NOT connect it to other devices with RJ-45 connectors like the Axe-Fx II MFC connector or the Kemper Profiler Network connector

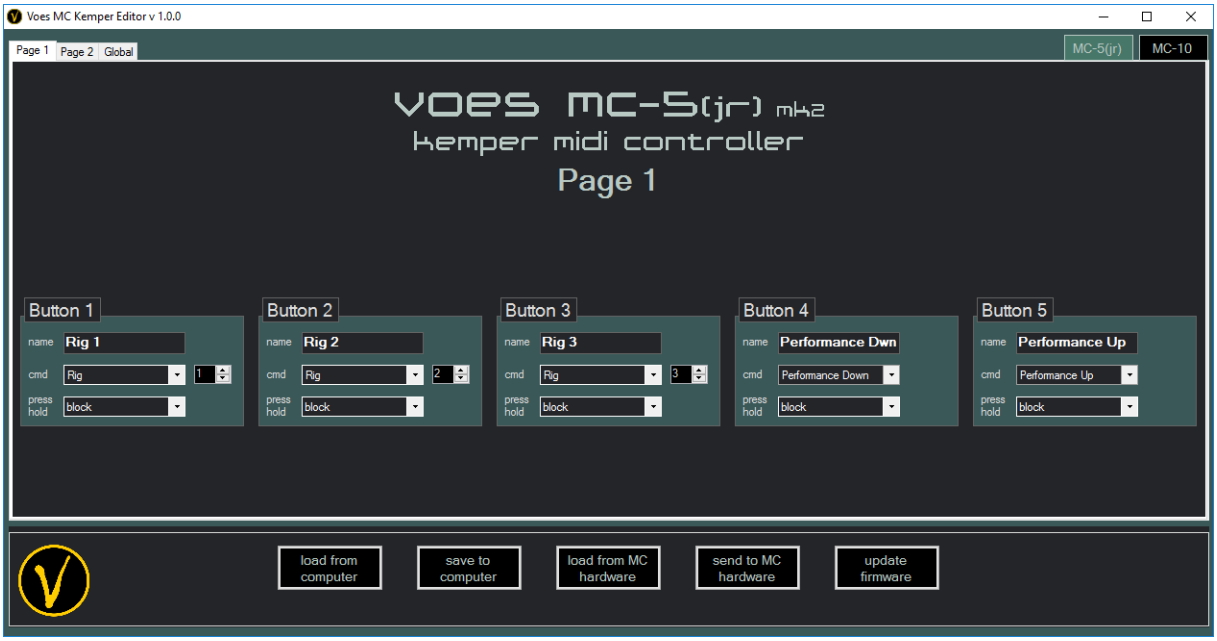
It can harm your MC-10 irreparable!

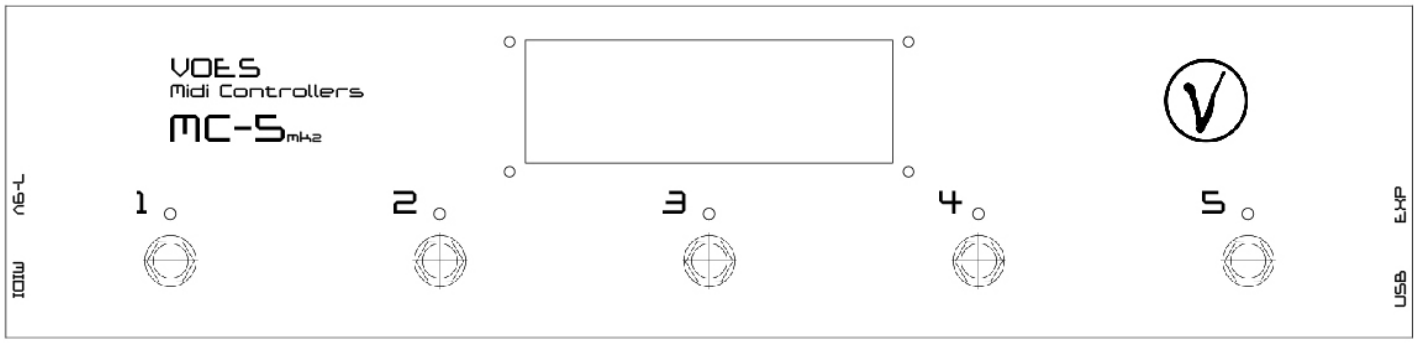
17 Voes Kemper Editor

17.1 Overview

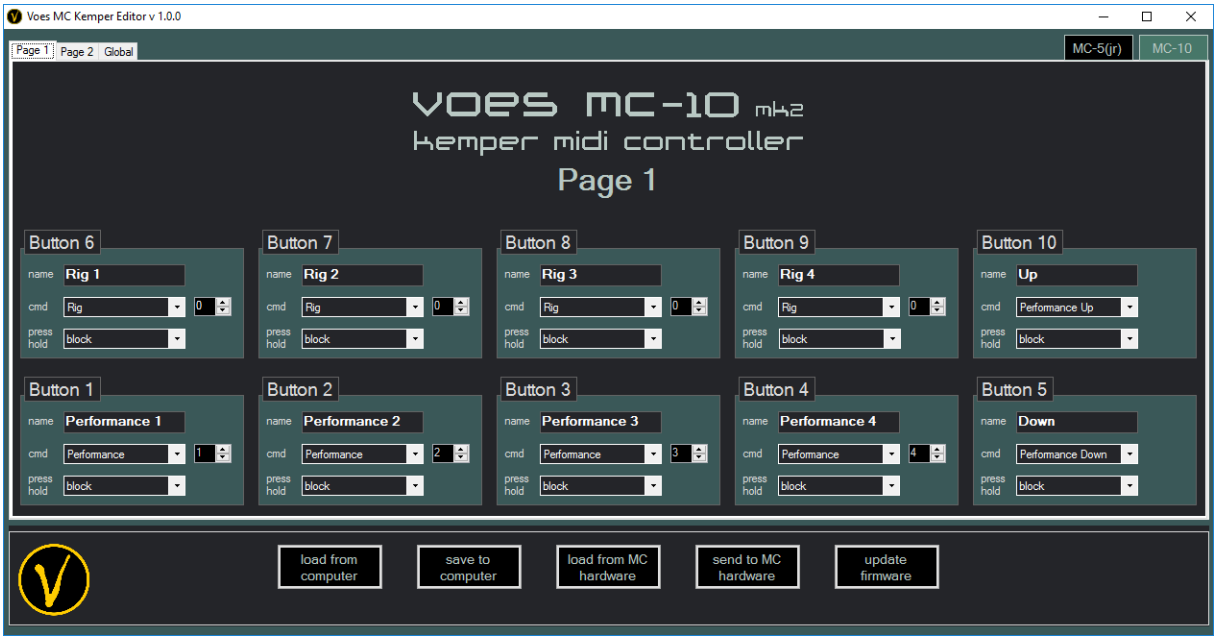
The **MC-5jr/5/10** has the same layout as the hardware, making programming a breeze.

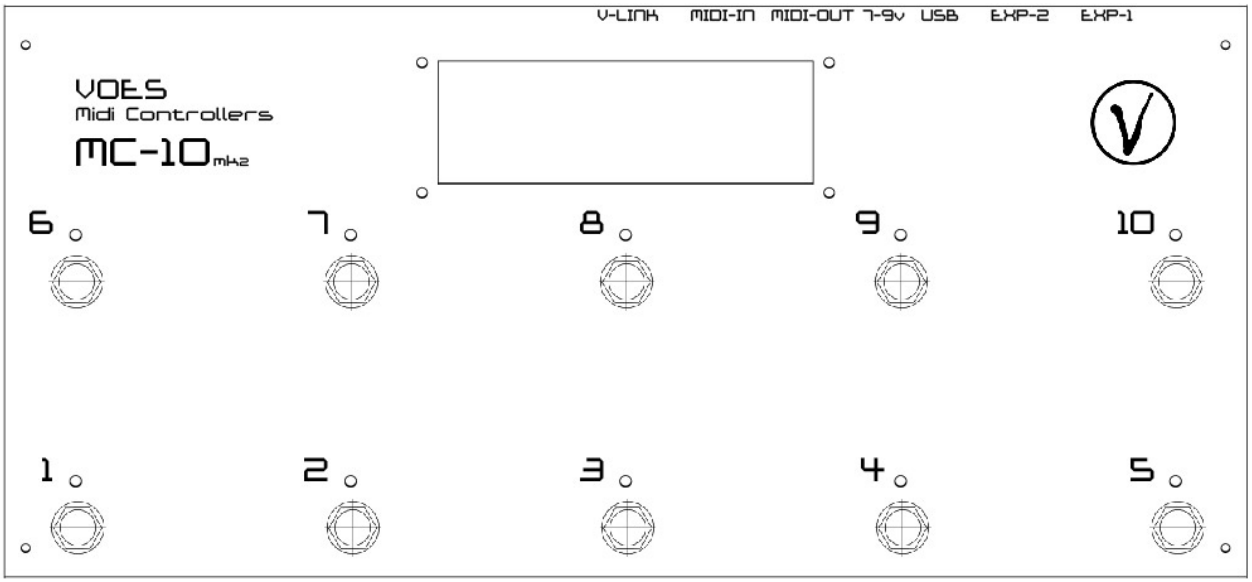
MC-5/MC-5jr





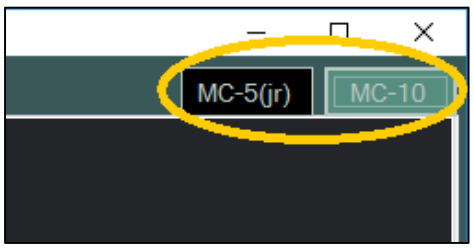
MC-10





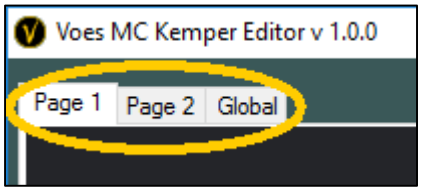
17.2 Switching between MC-5(jr) and MC-10

You can switch between MC versions in the top right corner. The chosen version is saved on data-files you create. Data-files are compatible and exchangeable between MC-5jr, MC-5 and MC-10.



17.3 Tab-pages

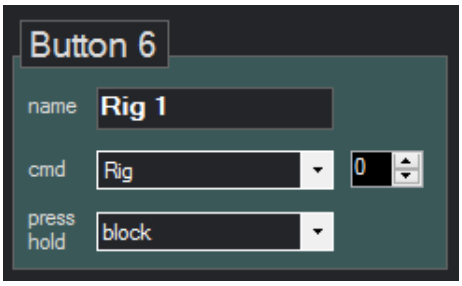
In the top left corner you can find the tabs **Page 1, Page 2** and **Global**.



Page 1 gives you an overview of buttons 1-5/1-10, *Page 2* of buttons 6-10/11-20.

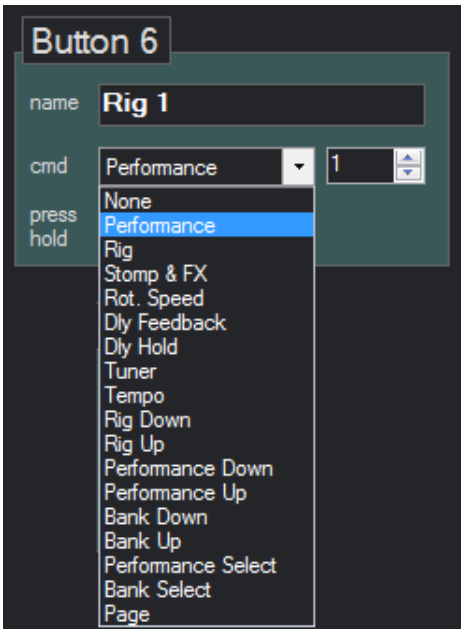
Global tab is for editing Global Settings, see section 16.

17.4 The Button



Each button can be **named**. If the button is not Performance, this text is displayed on the second line on the **MC-5/10** LCD.

18 different **Types** are available.



None

None does nothing!

Performance

Select one of the 125 available performances. When selecting a performance, Rig 1 of the performance is loaded.

Rig

Select one of the five rigs of the active performance.

Stomp & Fx

Select stomp A, B, C, D or FX X, Mod, Delay or Reverb. The initial On/Off state will be loaded from the Kemper Profiler on a Performance Change.

Rot. Speed

Sets the rotary speed low/high.

Dly Feedback

Sets the delay feedback on/off.

Dly Hold

Sets the delay hold on/off.

Tuner

Activates the Tuner. Tuner info will be shown on the LCD.

Tempo

Sends a tempo command.

Rig Down/Rig Up

You can decrease/increase the current Rig number.

If no Rig is programmed on a Page, default start Rig is 1.

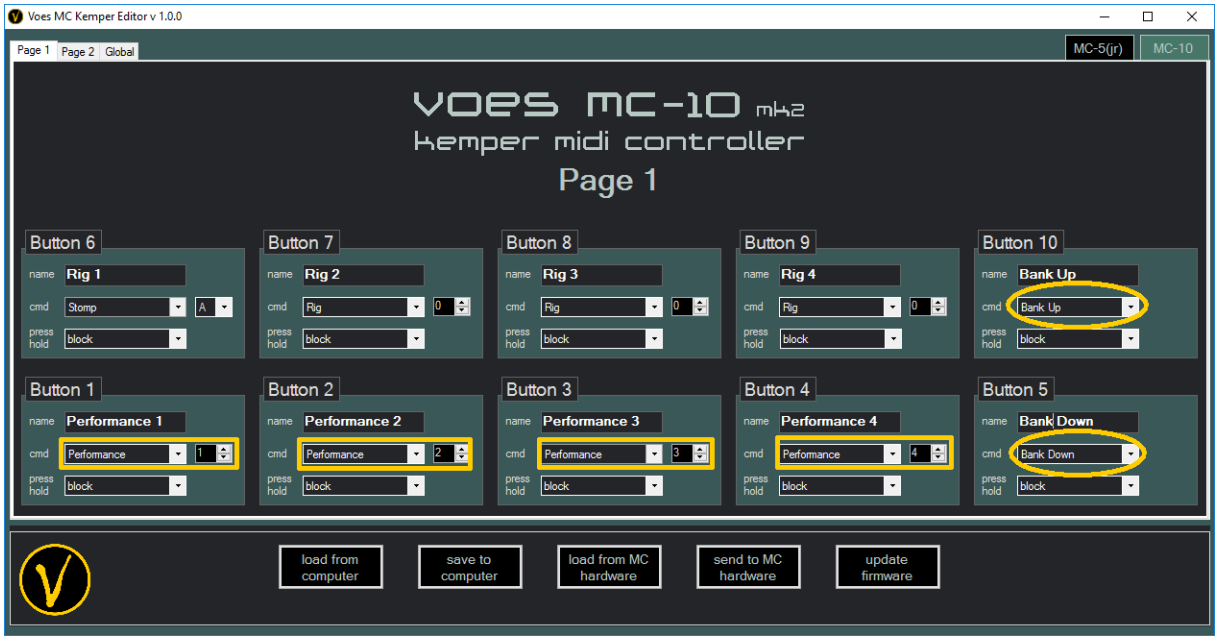
Performance Down/Performance Up

You can decrease/increase the current performance number.

If no Performance is programmed on a Page, default start Performance is 1.

Bank Down/Bank Up

Bank Down/Up selects the first preset number and decreases/increases it with the count of all the performances on both pages.



E.g. buttons 1, 2 , 3 and 4 are defined as **Performances** Buttons with respective values 1, 2, 3 and 4.

If you push button 10 **Bank Up**, the **MC-5jr/5/10** will seek the first Performance value (1) and will add the count of all Performance buttons (4) giving you 1 + 4 = 5, 6, 7 and 8.

Performance Select

When clicking on a **Performance Select** button, all leds will blink green/blue and all buttons are connected to their respective Performance number. E.g. clicking on button 4 will bring you to performance 4. After selection, buttons will go back to their programmed state.

Bank Select

When clicking on a **Bank Select** button, all leds will blink red and all buttons are connected to their respective Bank number. E.g. clicking on button 3 will bring you to bank 3. After selection, buttons will go back to their programmed state.

Page

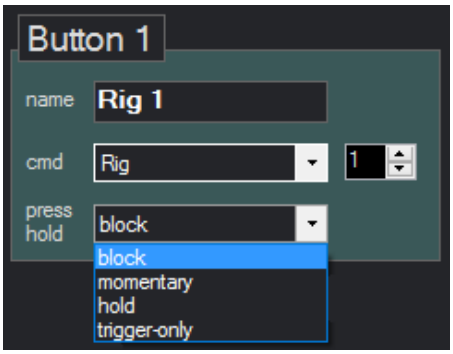
There are two ways to select another page.

Using a **Page** button toggles between page 1 and 2, and changes all buttons at once. *(Be aware that in order to go back you need to program a **Page** button on each page.)*

Or you can change one button to its respective button on the other page by press-and-hold (see *section 3.5)*. E.g. press button 2 activates button 2, press-and-hold button 2 activates button 12. press-and-hold button 2 again activates button 2.

Buttons on Page 1 are indicated by a blue or green led. Buttons on Page 2 by a red led.

17.5 Press-and-Hold



Using a Page button toggles between buttons 1-5/1-10 and 6-10/11-20.

You can also toggle each button separately by press-and-hold.

When activated, it will change a button to the respective button on the other page by press-and-hold. E.g. press-and-hold button 4 activates button 14, press-and-hold button 12 activates button 2. The press-and-hold time is approximately 0.5 seconds (short) or 1 second (long) depending on the setting in *Global Settings (see section 16*).

Each button on the 1st page can be set to one of four types:

Block: press-and-hold does not work. *Notice that when set to **Block**, the button will respond faster because commands will be processed on button press and not on button release.*

Momentary: press-and-hold will activate the button on the 2nd page once and will return back to the 1st page on the next press. (*)

Hold: press-and-hold will activate the button on the 2nd page and stay there.

Trigger-Only: press-and-hold will activate the button on the 2nd page but will stay on the 1st page. (*)

Buttons on the 2nd page are always type hold.

*(*) Difference between **Momentary** and **Trigger-Only** is subtle and differs in the way the leds behave. Here are two scenarios to explain this.*

Scenario 1:

*Button x is on normal press **Performance 1** and on press-and-hold **Performance 6**. Normal press is used mostly, press-and-hold is used occasionally. Here you want to use **Momentary**.*

On normal press Performance 1 will be activated and led will turn green/blue.

On press-and-hold Performance 6 will be activated and led will turn red.

Pressing again (normal press), Performance 1 will be activated and led will turn green/blue.

This way you always see which Performance is selected.

Scenario 2:

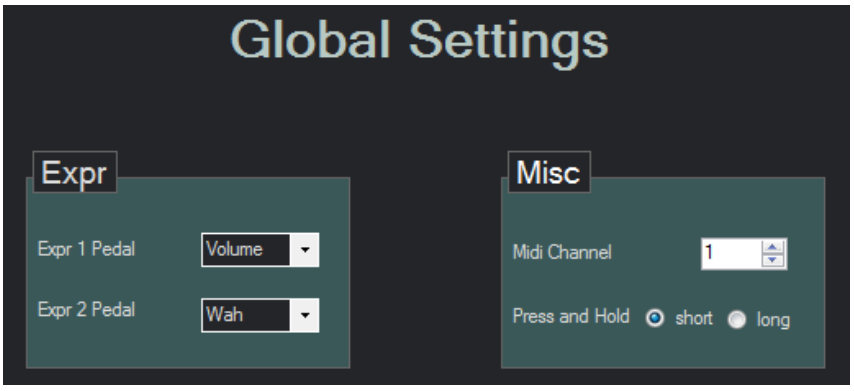
*Button x is on normal press **Stomp C (tremolo On/Off)** and press-and-hold **Controls the Tremolo Speed**. Here you want to use **Trigger-Only**.*

On normal press Tremolo will be turned On or Off and led will turn green/blue or off.

On press-and-hold Speed will change, but the led will stay green/blue or off depending on the state of the Tremolo.

This way you always see the state of the Tremolo.

17.6 Global Settings



Expr 1 Pedal

Select between **Volume, Wah, Pitch** or **Morph**.
Do not forget to calibrate your pedal! *(see section 5)*

Expr 2 Pedal *(only available on MC-10)*

Select between **Volume, Wah, Pitch** or **Morph**.
Do not forget to calibrate your pedal! *(see section 5)*

Midi Channel

Specify on which MIDI channel you want to communicate with the Kemper Profiler™.

Press and Hold

Choose between a short or long time to engage press and hold.