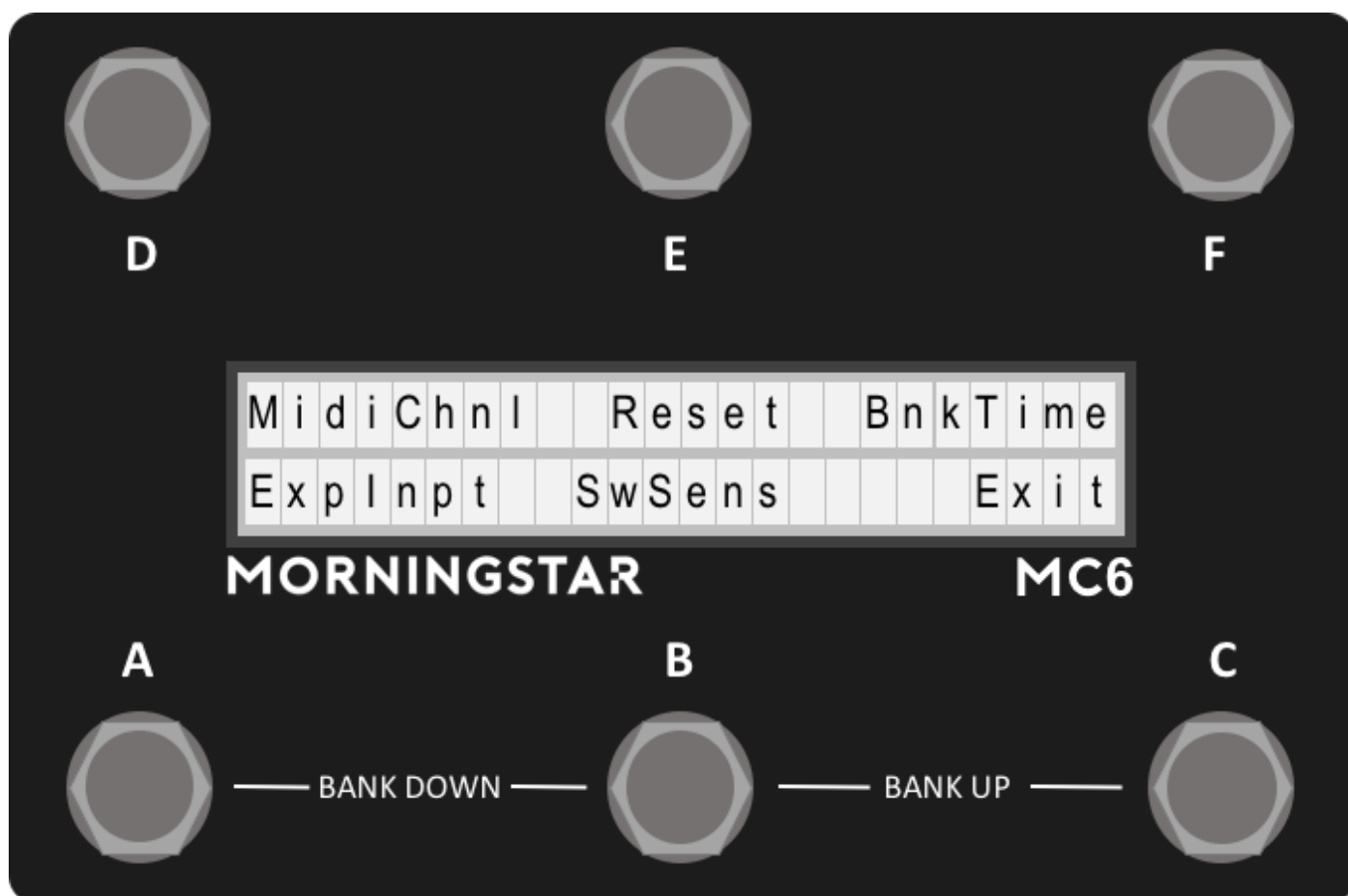


Using the MC6

Main Configuration Menu

To access the Controller Settings Menu, hold down Switches [D + F] before powering up the MC6. The display will indicate that it is booting into the configuration page, and the menu below will be displayed:



Factory Reset (Reset)

To do a factory reset, hold down for 2 seconds. The MC6 will show that it is performing a factory reset. All user presets and settings will be reset to factory default when a reset is done.

Set MIDI Channel (MidiCh)

Set the MIDI receive channel for the MC6. The MC6 can receive and respond to messages from external midi controllers. Press Switch A or B to increase or decrease the MIDI channel respectively.

Change Input (ChgInp)

Change Expression Input Type between Aux Switch, Expression or Fixed Sw 1 Setting.

- Aux Switch: Use a stereo cable to connect to an external aux switch to control more presets
- Expression: Connect an expression pedal via a stereo cable (Tip connected to wiper) to engage the expression preset.
- Fixed Sw 1: Similar to the aux switch, but the functions are hard-coded to control the Bank Up, Bank Down and Toggle Page functions without sacrificing any presets.

Switch Sensitivity (SwSens)

Set switch sensitivity. Choose from 1 (least sensitive) to 5 (most sensitive). Pressing Switch A+B together will select 2, while B+C will select 4.

By default, this is set to 3 and should be comfortable for most users. Depending on personal taste, you may adjust sensitivity to help you bank up/down (by stepping on 2 switches at once) more accurately. More sensitive means that the lag between the time when a message is sent out and when the switch is pressed it at its minimum.

Bank Display Time (BnkTime)

This setting adjusts the time it takes to load the next bank. It also correlates with the amount of time the device will display the Bank Number and Name before it loads the main preset page.

The value displayed is in milliseconds.

MIDI Clock (MidiClk)

The MIDI clock setting toggles the persistent MIDI clock function ON and OFF. This setting is related to the MIDI Clock message under MIDI Types. If persistent MIDI is ON, the MIDI Clock message will continue sending a MIDI clock signal when engaged, even when engaging other presets or scrolling through banks. However, if persistent MIDI is OFF, the MIDI clock signals will shut off when an event (like a switch press or expression pedal move) is triggered.

General Usage

Scrolling Through Banks

Step on Switches [A + B] together to bank down and Switches [B + C] to bank up. There are a total of 30 banks on the MC6.

Switch and Display Names

Activating Presets

Each switch corresponds to the display name closest to it. Pressing switch [A] activates Preset A, switch [B] activates Preset B and so forth.

If you have an external aux switch connected to the MC6, depending on how it is wired, it will invoke Presets G-L.

Mapping Actions to Midi Types

The MC6 MKII allows you to map actions taken on the switches to Midi Types and functions. For example, you can map a CC#1 message to a Press action, and a CC#2 message to a Release action. When the switch is pressed, a CC#1 message will be sent, and when the switch is released, a CC#2 messages will be sent. There is a list of actions available to you.

1. Press
2. Release
3. Long Press
4. Long Press Release
5. Double Tap

- 6. Double Tap Release
- 7. Long Double Tap
- 8. Long Double Tap Release
- 9. Release All

Dual Switch Functions

The MC6 makes use of dual switch combination to carry out certain functions.

Function	Switch
Bank Down	A+B
Bank Up	B+C
Edit Menu	D+F
Toggle Editor Mode C+D	
Toggle MIDI Thru	A+F

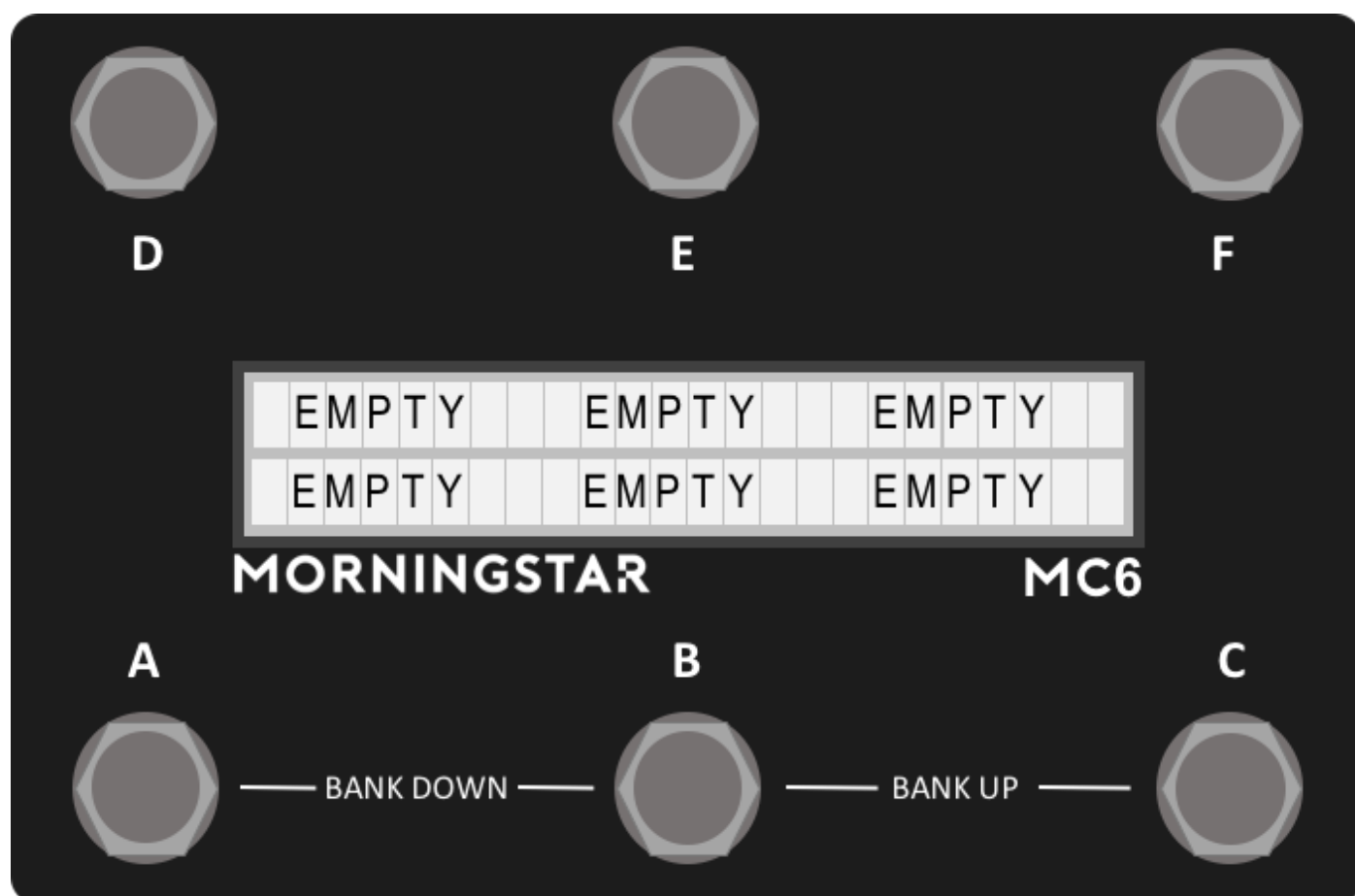
Besides this, you can also use dual switch presses to call the extra presets.

Preset Switch	
G	D+E
H	E+F
I	A+D
J	B+E
K	C+F

Edit Menu

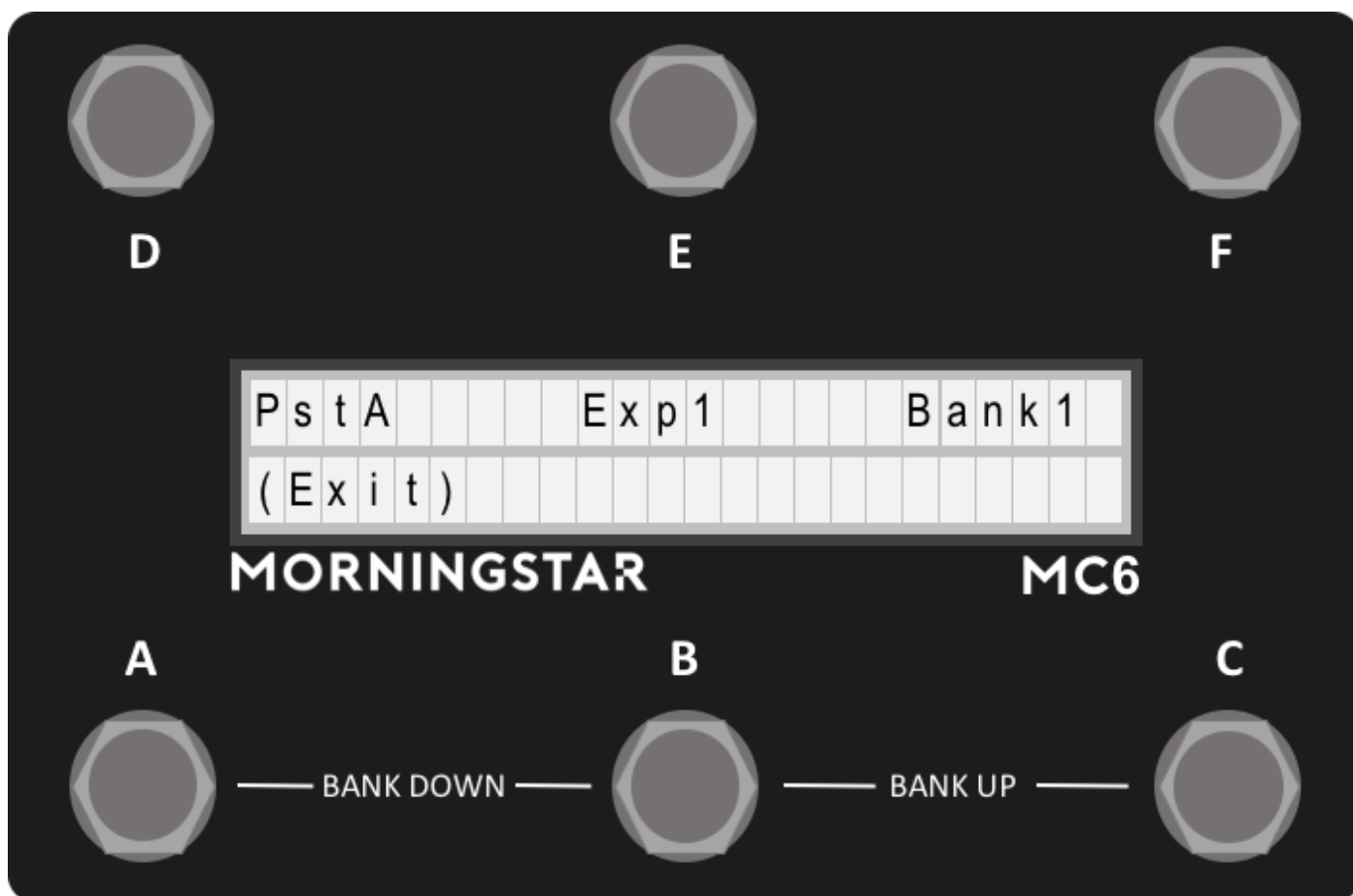
On a new controller, all switches are initially labelled as EMPTY. It is up to you to decide exactly what each one will do.

To enter the Edit Menu



1. Press the switch you wish to program
2. Press Switches [D + F] together. This will take you to the Switch Settings Menu shown below.

Edit Menu

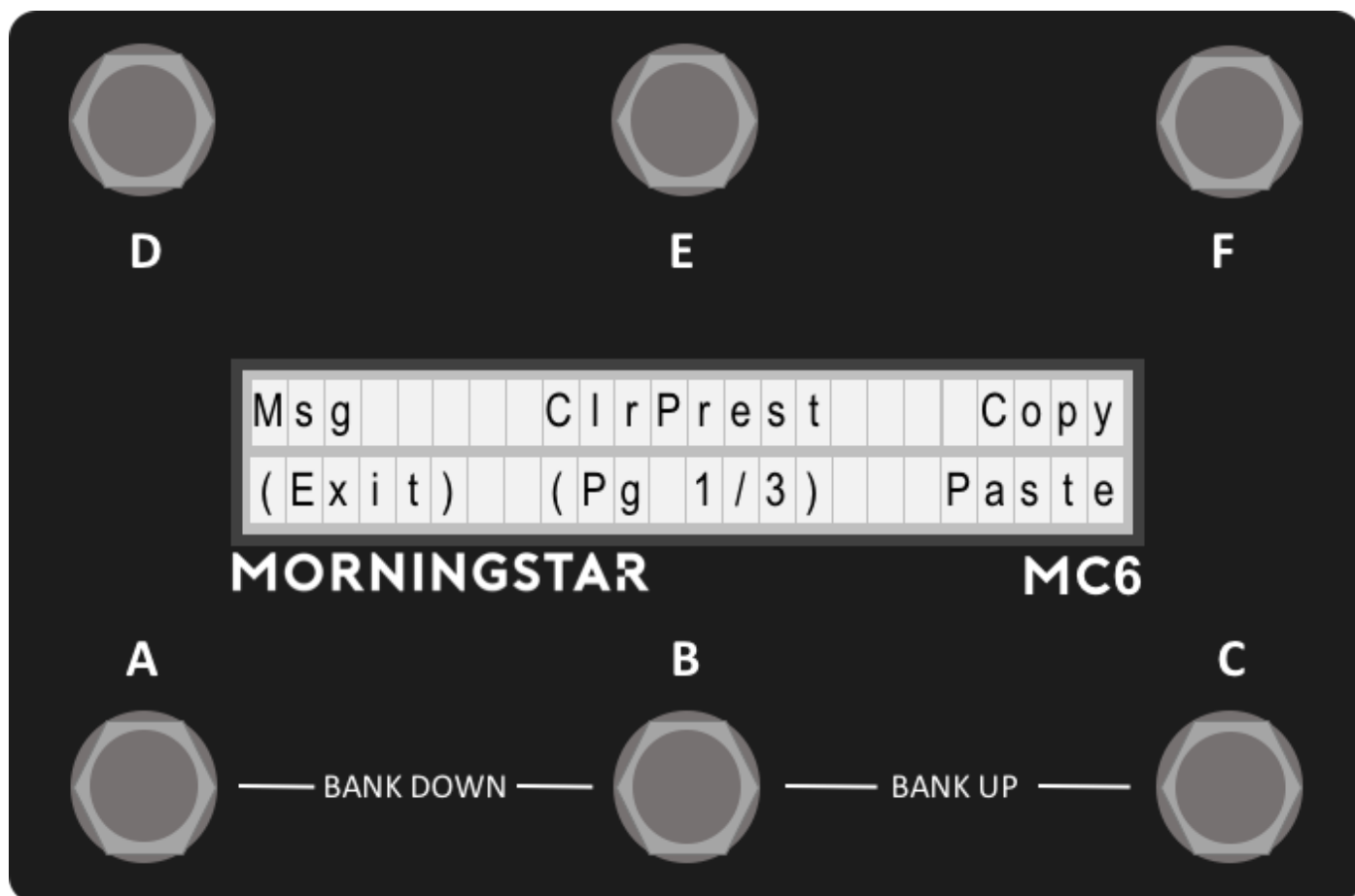


After pressing [D + F], the Edit menu will be displayed. The preset and expression you last used will be displayed, as well as the bank you are currently on. Press Switch D to edit the preset, Switch E to edit the expression preset, or Switch F to edit the bank.

Programming Presets

Upon pressing Preset in the Edit Menu, you will be directed to the Preset Edit page.

Preset Edit Menu (Page 1)



Msg

Edits the 16 Midi Messages available in the preset.

ClrPrest (Clear Preset)

Clear the preset settings.

Copy

Copy the preset settings

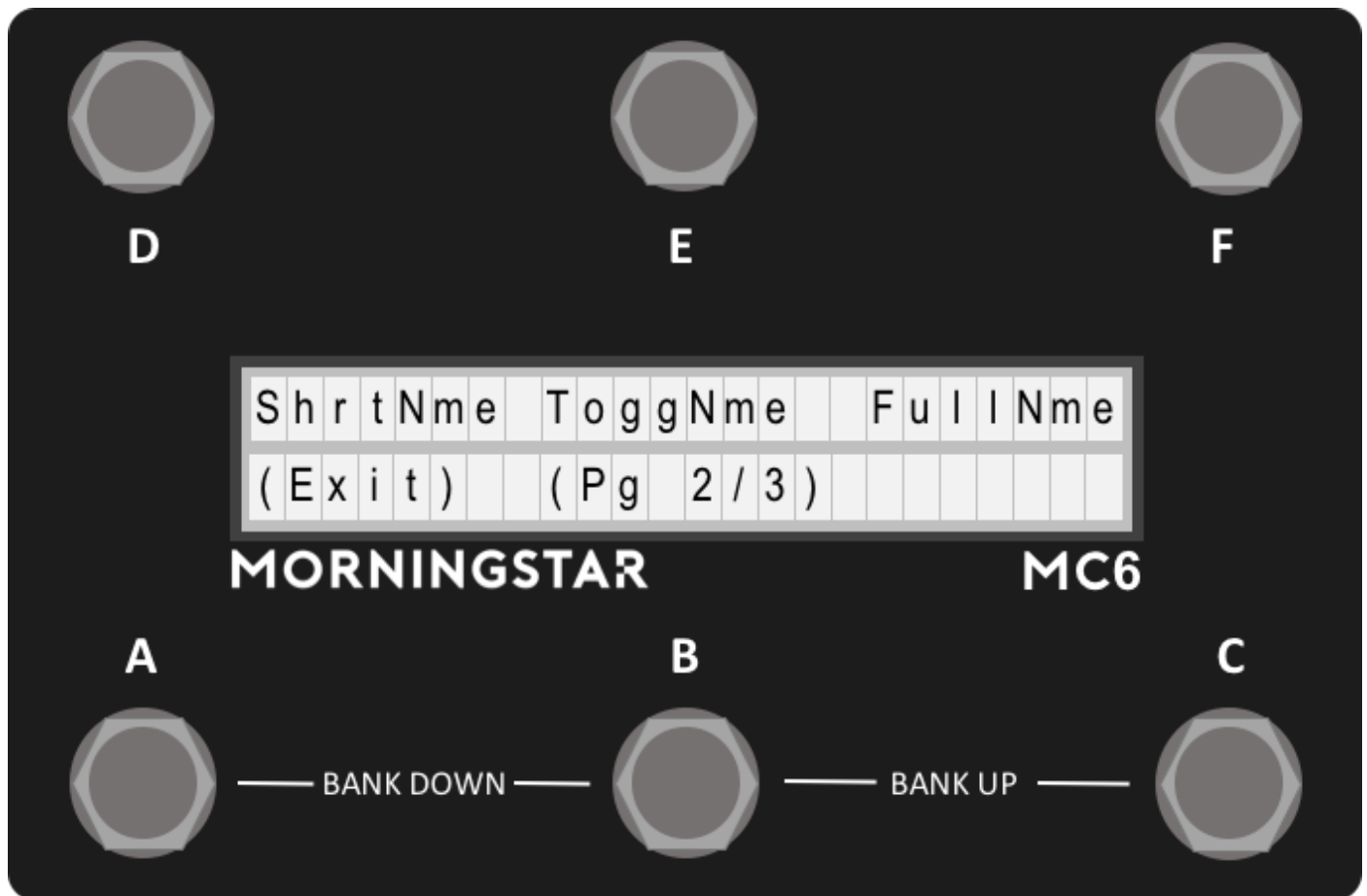
Paste

Paste the last copied preset settings

(Pg 1/3)

Shows the current page in the menu. Press to go the next page.

Preset Edit Menu (Page 2)



ShrtNme (Short Name)

Edits the preset short name. Look at Editing Names for more information on how to edit any names in the MC6.

ToggNme (Toggle Name)

Edits the preset toggle name. Look at Editing Names for more information on how to edit any names in the MC6.

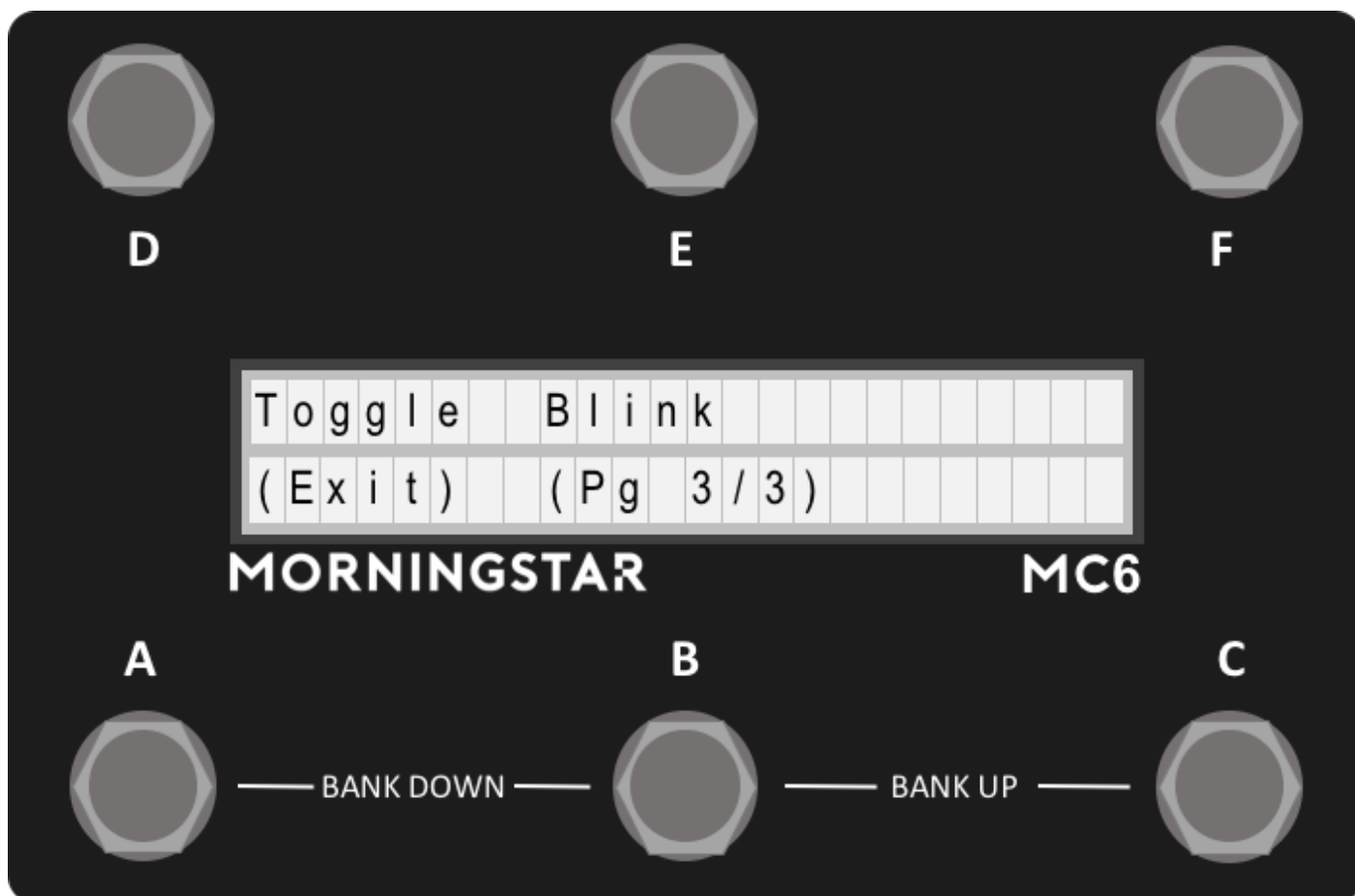
FullNme (Full Name)

Edits the preset full name. Look at Editing Names for more information on how to edit any names in the MC6.

(Pg 2/3)

Shows the current page in the menu. Press to go to the next page.

Preset Edit Menu (Page 3)



Toggle

Toggles between On and Off for the preset toggle setting. If On, each time the preset is engaged, the toggle position of the preset will change. The Midi Messages in the preset will rely on the toggle position of the preset to determine if it should be invoked.

Blink

Toggles between On and Off for the preset blink setting. If On, the preset short name will blink when the preset toggle is in the engaged position. This is useful to visually determine the toggle state of your preset.

Shows the current page in the menu. Press to go to the next page.

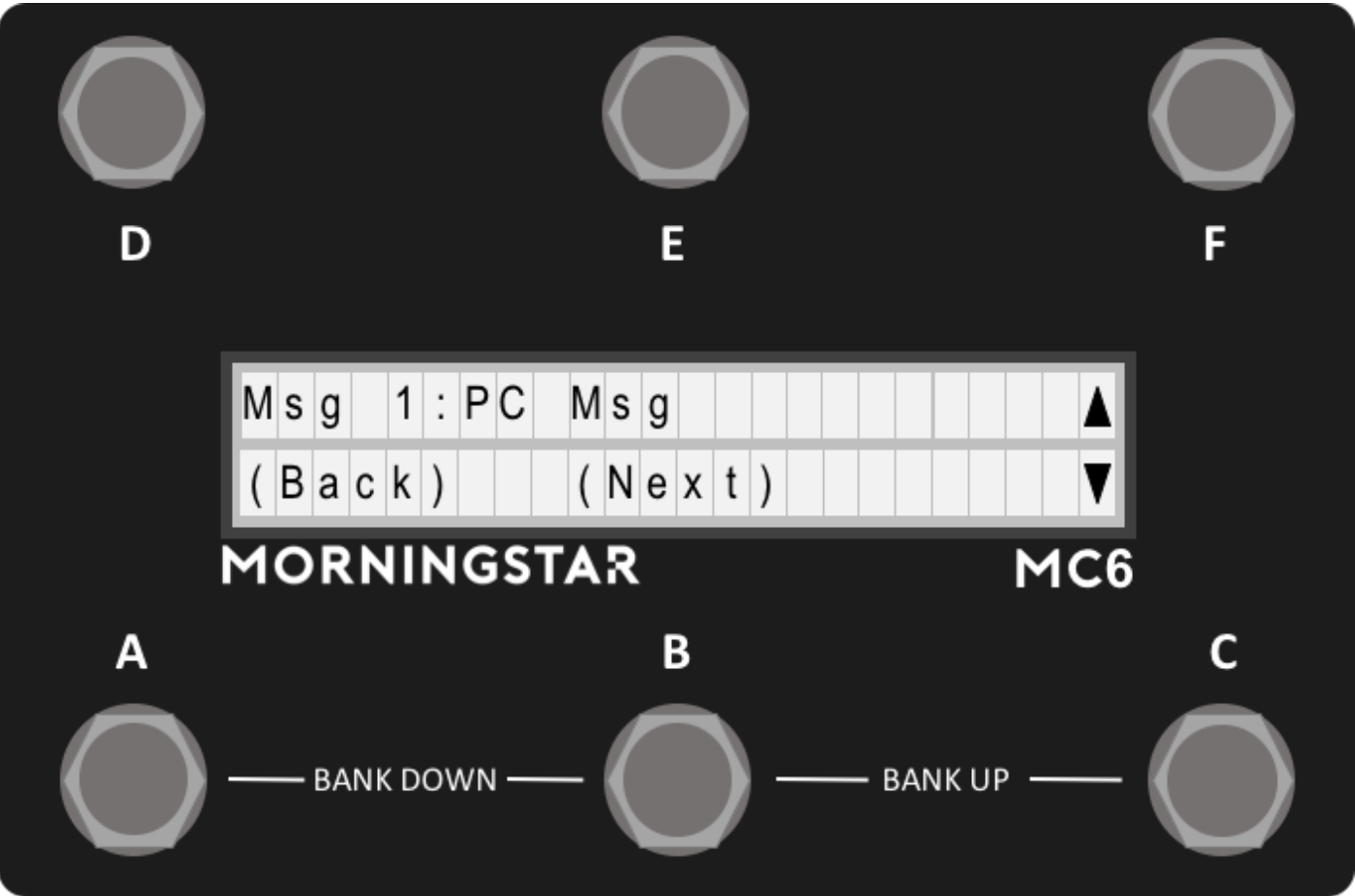
Editing Preset Messages

The MC6 has 16 Messages in each Preset.

Selecting a Message to Edit

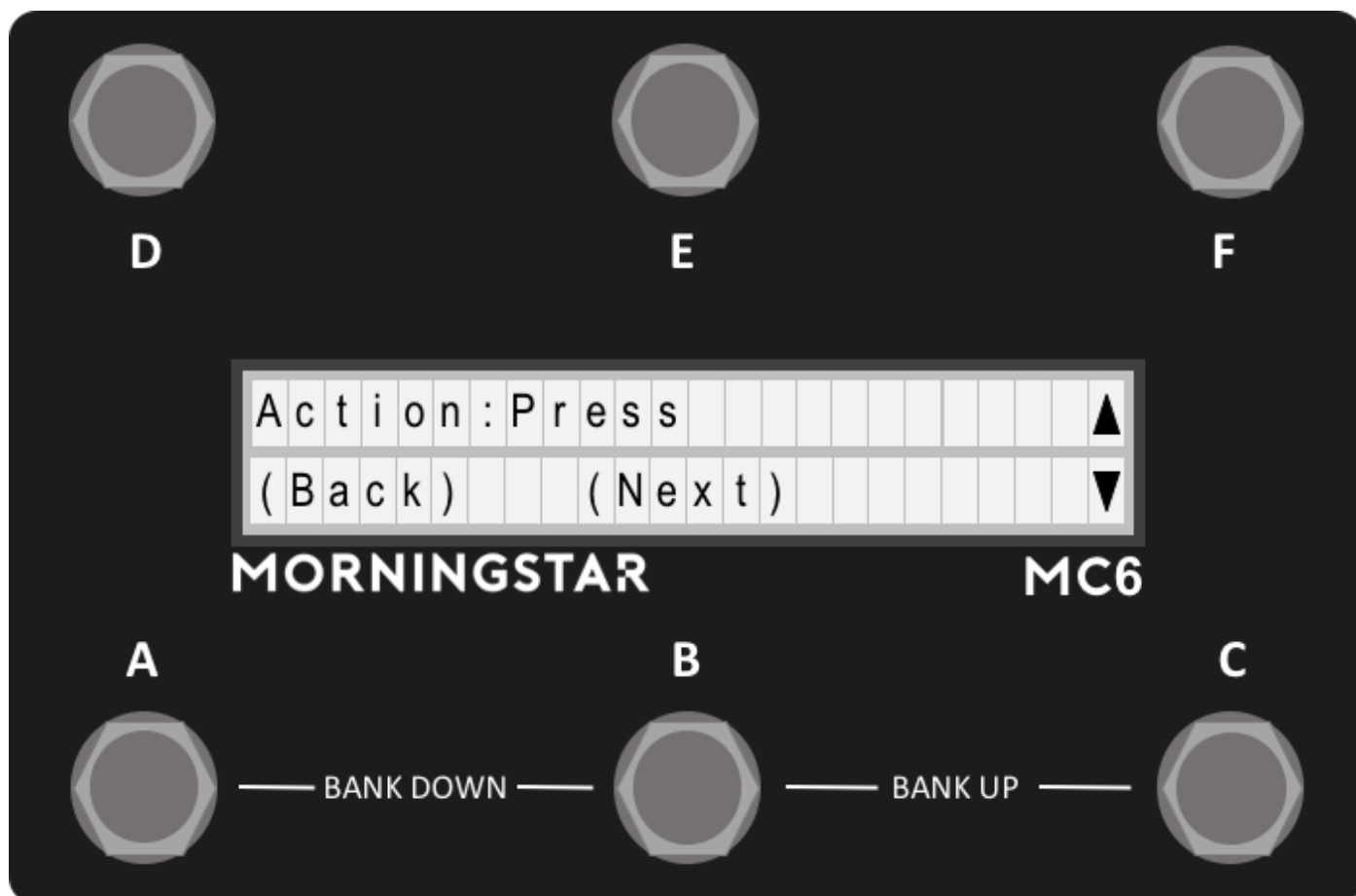
When you enter the Edit Msg interface, the screen above will show. In this screen, you can view the current Midi Type that is assigned to that message. It also indicates the current message that is selected for editing. Pressing Next will allow you to edit the selected message.

Edit Action



The next menu allows you to select the action to assign to the message. Once selected, each time that action is carried out on the corresponding preset switch, only the messages assigned to that action will be invoked.

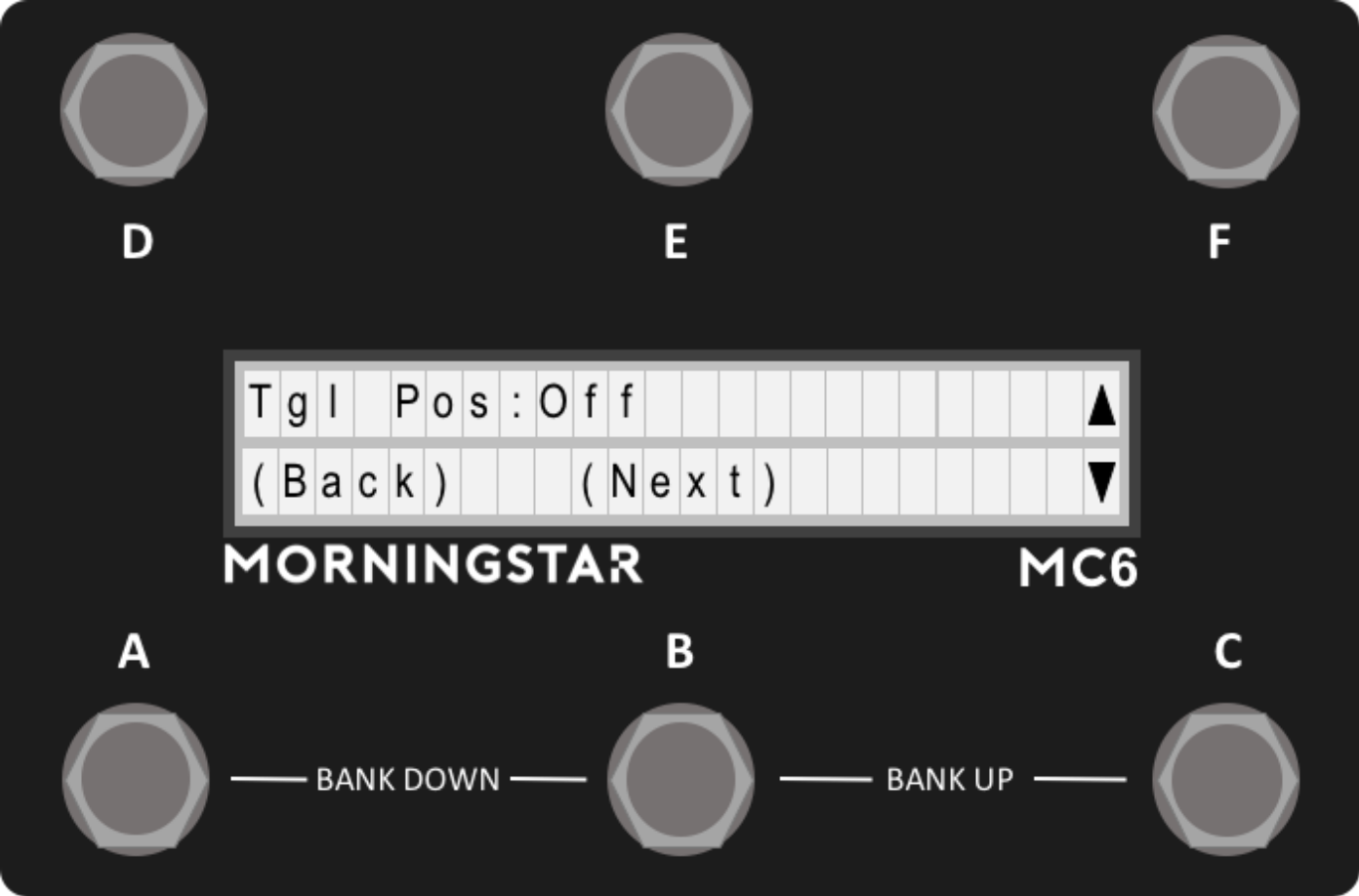
Edit Toggle Position



The next menu allows you to edit the message toggle position. Select between On and Off. This allows only the messages that match the current preset toggle position to be invoked.

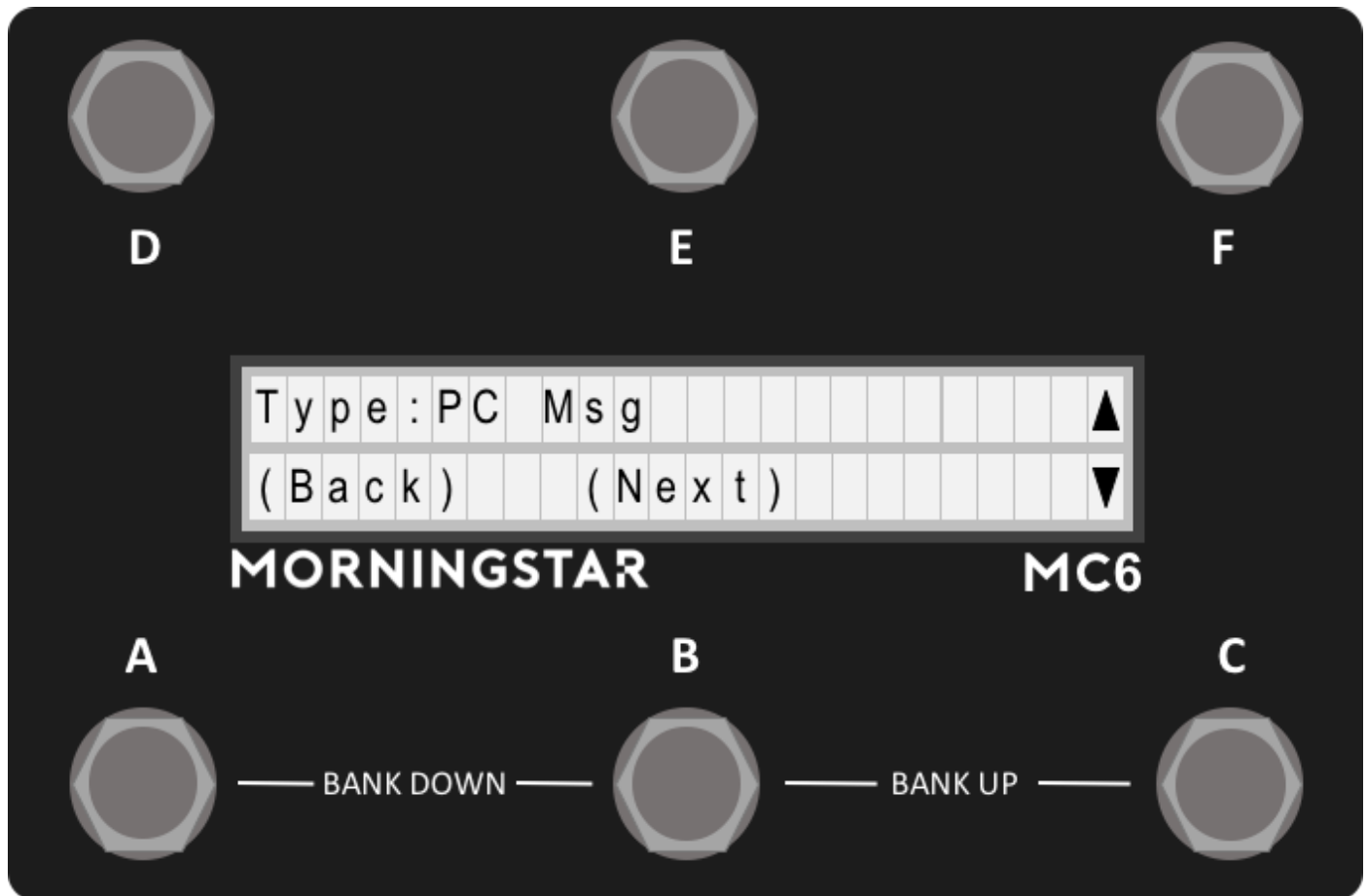
From firmware 3.2.1 onwards, this feature has changed to toggle positions 1, 2 and Both. Toggle position Both will have the message sent in both toggle positions.

Edit Type



The next menu allows you to edit the Message Type. Scroll up and down to select the Midi Type that you want to be associated with the message. You can read about the full list of Midi Types available in the Glossary.

Edit Type Parameters



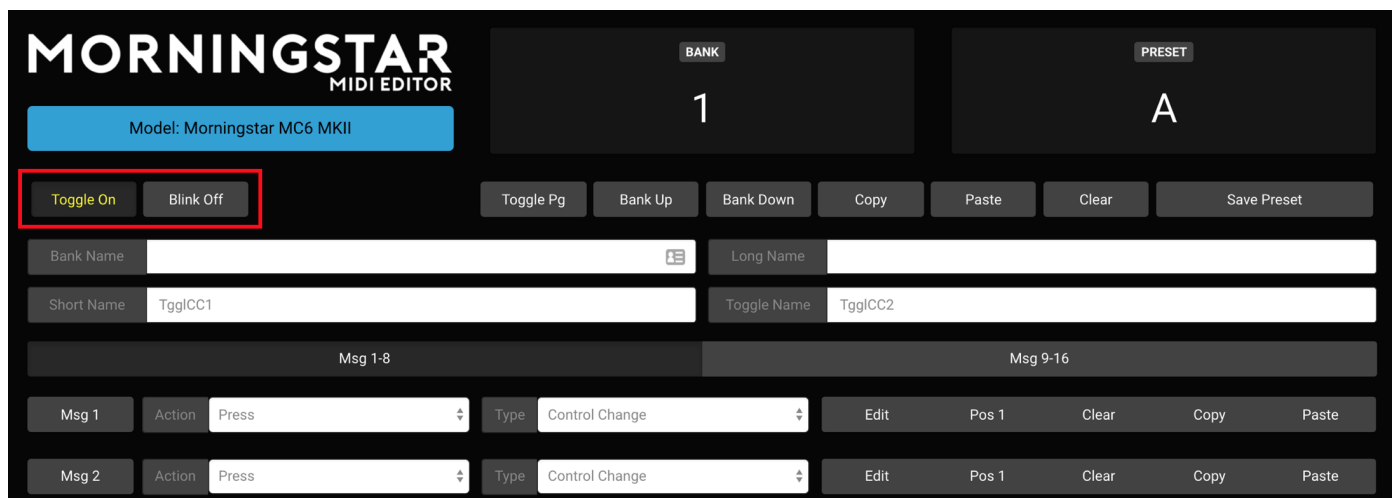
Depending the Midi Type that is selected in the previous menu, unique parameter edit menus will be loaded. Edit your parameters and then press Save on the last page to save your settings.

Setting up a Toggle Message

How to toggle between two different messages on your MC6 MKII.

Using the Web/Desktop Editor

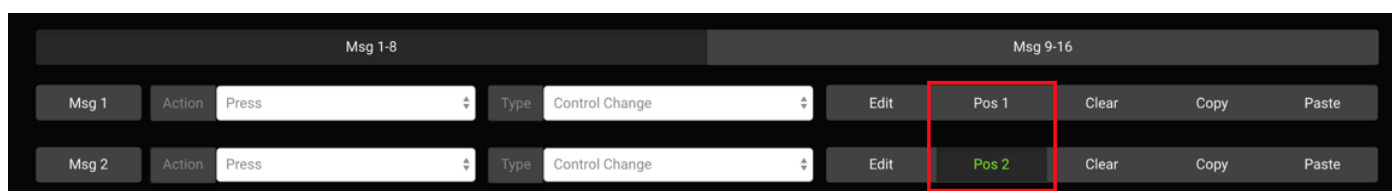
Setting up a toggle message is easy. On the editor, there is a toggle option on the top left of the interface. Switch it to On to enable toggling for the preset.



How it works

Each preset on the MC6 allows you to toggle between two positions: 1 and 2. By default, the presets are on toggle position 1. If you switch the toggle to On, each time the preset is engaged, it will toggle to the other position (between 1 and 2).

Each message also has a position option, where it will be sent out only when the position of the message matches that of the preset. Hence, if you set Msg1 to be a CC message in Pos 1, and Msg2 to be a CC Message in Pos 2, and you have your toggle on for the preset, each press will toggle between Msg 1 and Msg 2.



Toggle Name

When the preset is in position 1, the Short Name will be displayed. When the preset is in position 2, the Toggle Name will be displayed.

Blinking

To indicate that the preset is in position 2, you can also use the blink option, where if the blink option is set to On, the Toggle Name on the main page will blink when the preset is in position 2.

Using the built-in MC6 editor

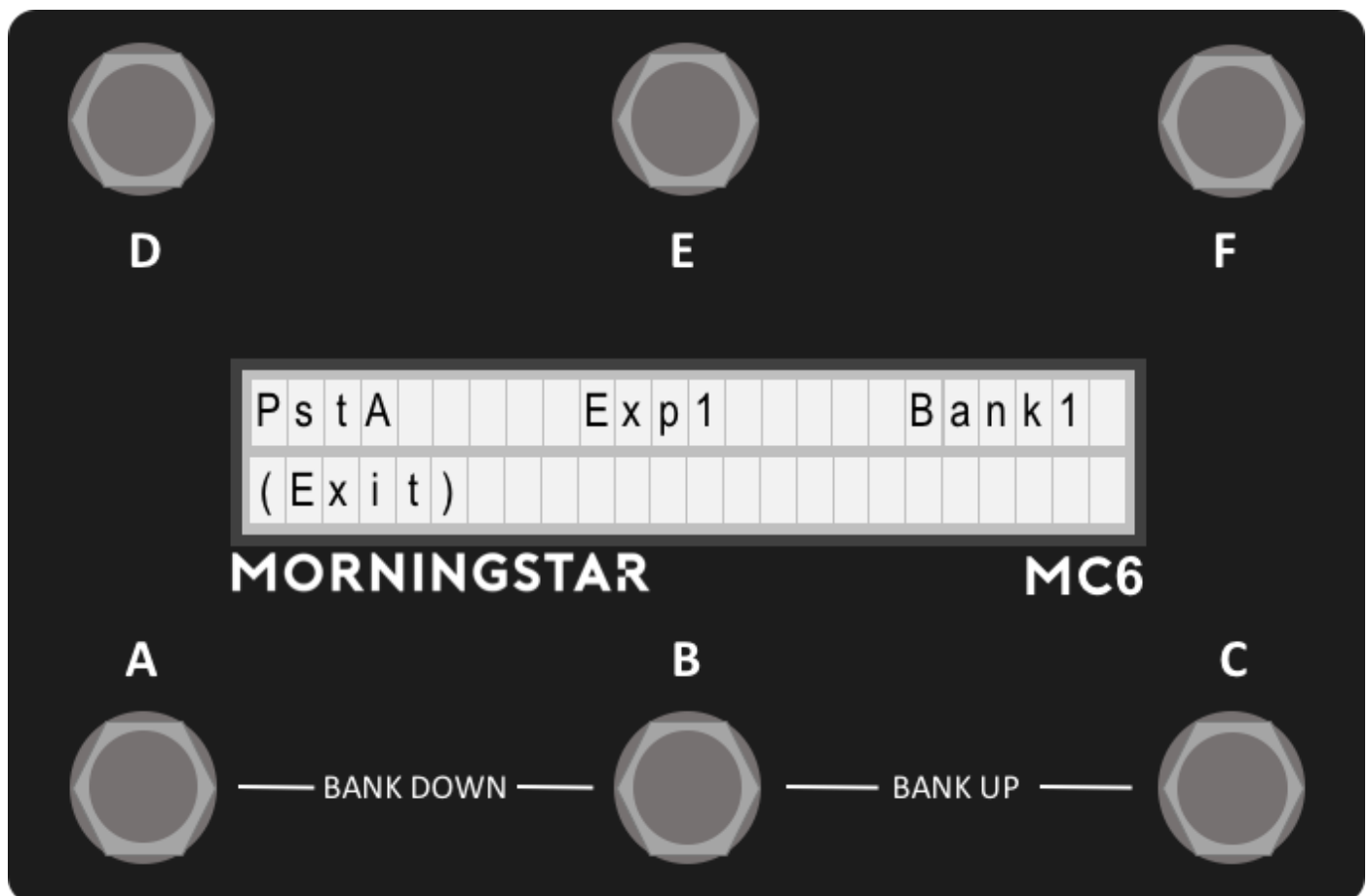
After going into the preset edit menu, go to Page 3 of the menu. The Toggle button toggles between Toggle On and Toggle Off position for the preset, which the Blink button toggles between Blink On and Blink Off position for the preset.

When editing individual messages, there will be an option to select the toggle position for the message you are editing. Choose between position 1 or 2 accordingly.

Editing Expression Messages

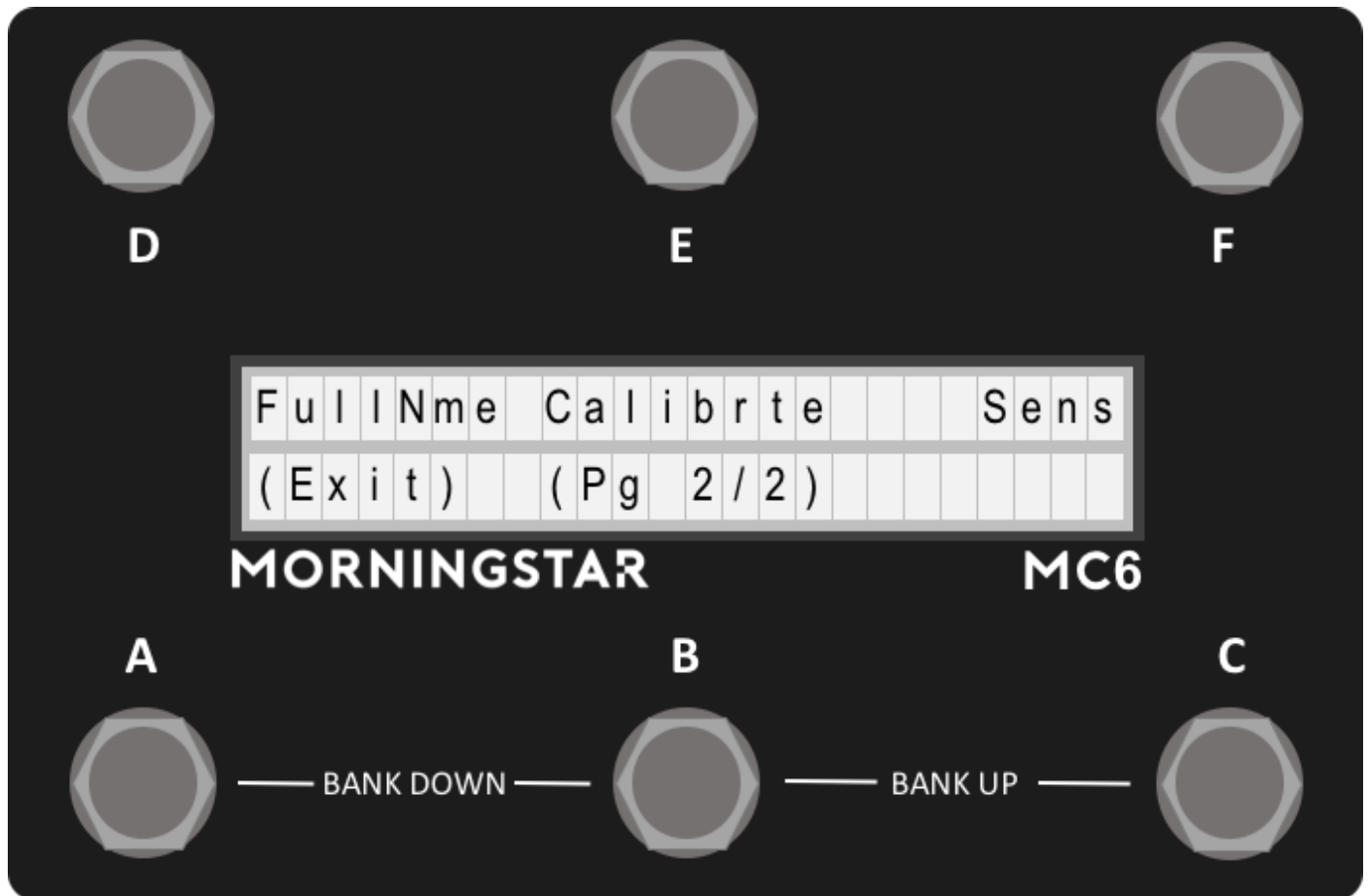
To edit expression messages, press switch D + F first, which will bring you to the edit page, and then select the expression option.

Expression Edit Menu (Page 1)



The first page of the menu for editing Expression Messages are the same as that for editing Preset Messages.

Expression Edit Menu (Page 2)



On the second page, you have the option to edit the Full Name, Sensitivity or calibrate your expression pedal.

Edit Full Name

When the expression pedal is being used, you have the option of displaying a Name for your expression preset. Simply edit and save the name to your expression preset. See Editing Names for more information after entering the FullName option in the Expression Edit Menu.

Calibrating your Expression Input

It is best to calibrate your expression pedal before use to get the optimum performance. Simply go into the Calibrate setting in your Expression Edit Menu. Once there, follow the instructions in the LCD. First set your expression pedal to a heel down position. Ideally, the value should be displayed as 0. Press Next. Next, set your expression pedal to a toe down position. Ideally, the

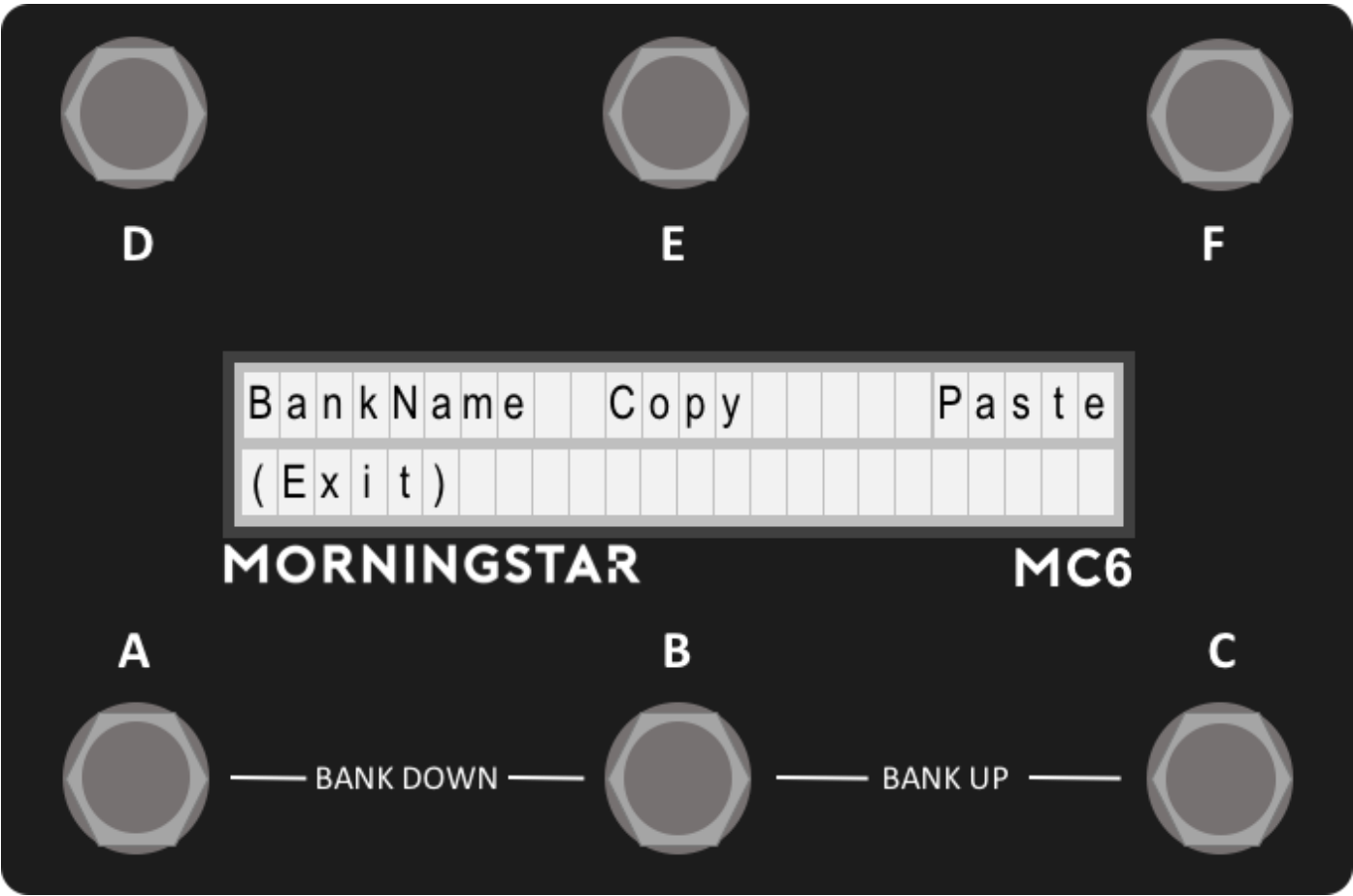
value should be displayed as 127. Press Save to save your settings. Do not worry if you can get a value of 0 and 127 in both positions. Once your setting is saved, the MC6 will optimise the settings to get the most out of your expression pedal.

Setting your Expression sensitivity

Depending on the potentiometer value used in your expression pedal, you may have to edit the sensitivity to get optimum performance. We recommend using expression pedals with 10k potentiometers. The sensitivity setting is used mainly to remove jitters, where the value sent by the MC6 might bounce between 2 values very quickly.

Editing Bank Settings

To enter the bank settings, press Switch D + F, which will bring you to the edit page, and then select the Bank option.



In the edit bank interface, you can edit the Bank Name as well as copy and paste banks.

Bank Name

Edits the Bank Name.

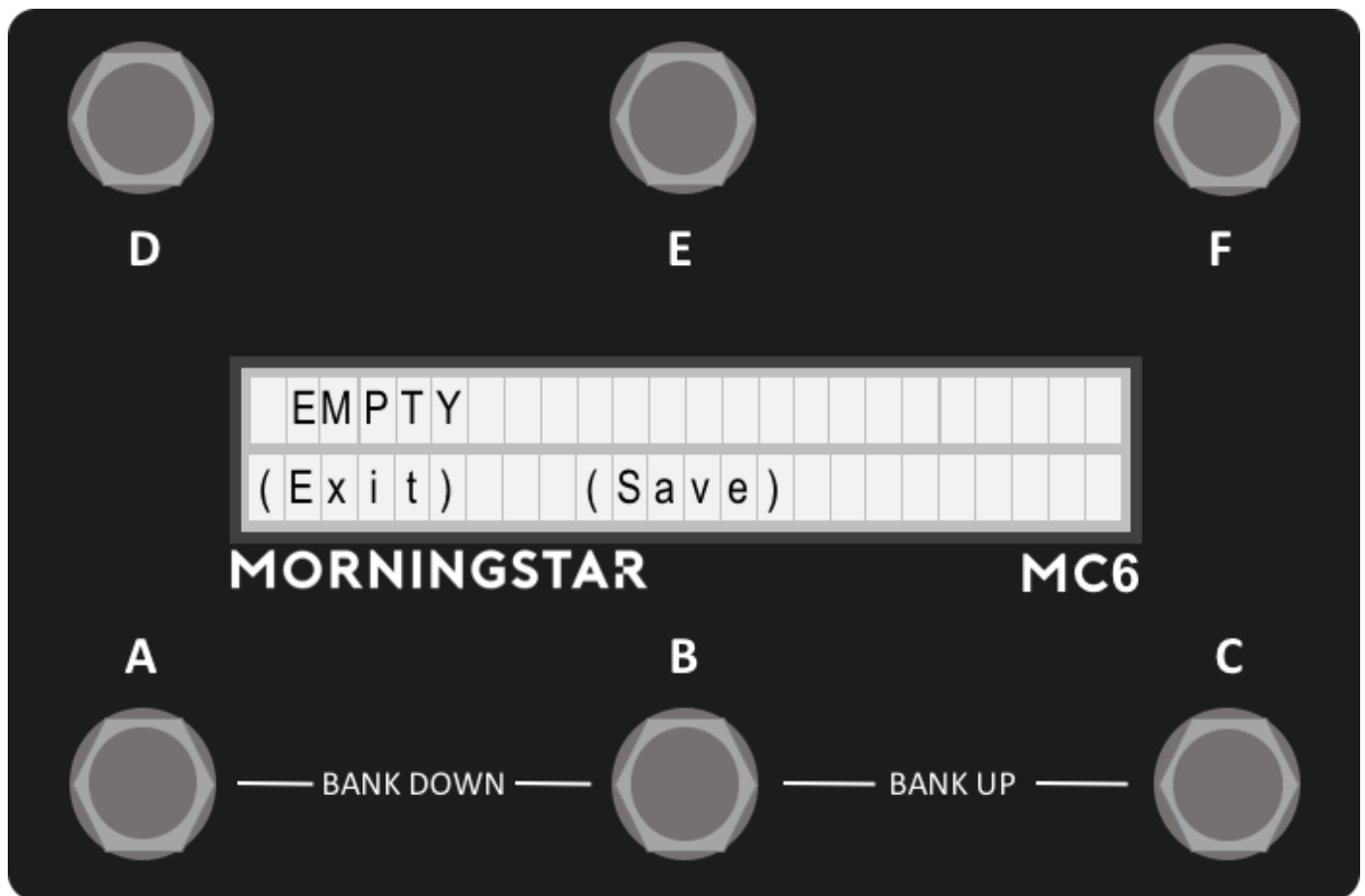
Copy

Copies the current bank.

Paste

Paste the previously copied bank to the current bank.

Editing Names



When editing any of the MC6 names like Preset Short Name, Toggle Name, Long Name, or Bank Name, this interface will be display on the screen.

Controls

Moving the cursor To move the cursor left and right, press Switch D or Switch E.

Changing characters

To change the characters, use Switch C and Switch F to scroll up and down the available characters.

(Save)

Saves the name into memory.

(Exit)

Exits the interface.