

# How to program the Behringer FCB1010 UnO without software

kindly brought to you by patrick voes at <http://www.voes.be/fcb1010>



I think the Behringer FCB1010 with UnO Eprom is the best footcontroller price/quality you can get. Unfortunately there's one BIG problem, it's very hard to program (even with software). So after reading the userguide for 3 days I finally understood it and want to share it with you

## PROJECT

Let's say we want to program the FCB1010 for an [Axe-FX](#) (you can use any MIDI-device in a similar way).

### What do we want?

- Program 6-10: stompbox mode (comp, stomp, mod, delay, reverb)
- Program 1-5: program change with tap tempo and wah off
- Expression A: wah
- Expression B: volume

### How do we do that?

Program 6-10 will have the stompboxes described as above.

Program 1-5 will handle the PC, tap tempo, wah off, expression pedal A-B and the state of the stompboxes (ON/OFF).

### What do we need?

We need to know the CC's (control numbers) of the MIDI-device we want to control. For the [Axe-FX](#) these are free to choose, so let's assume they are:

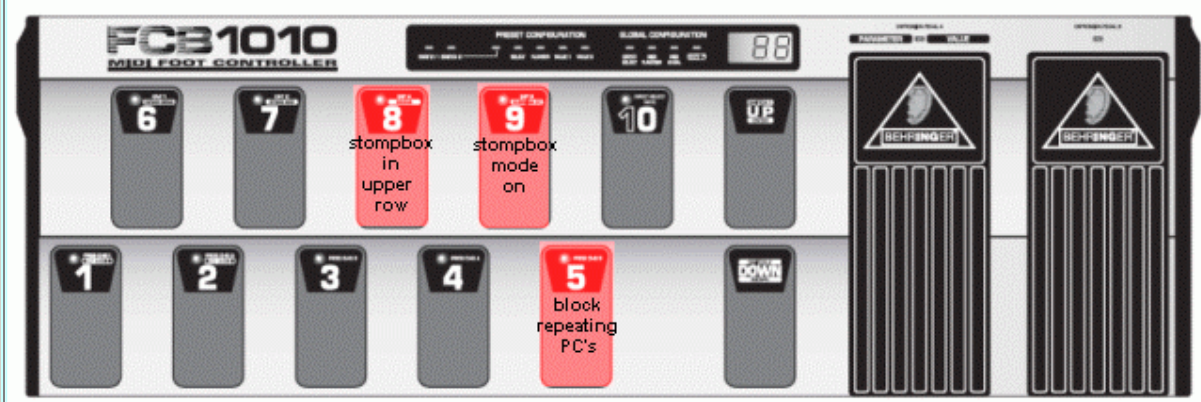
- Stomp 25
- Mod 50
- Delay 28
- Delay vol 34
- Wah 43
- Wah Freq 4
- Volume 7
- Tap 64
- Comp 26
- Reverb 36

## Setting the global functions

STEP 1: Keep the DOWN switch pressed during power-up for about 2.5 sec to enter global configuration.



STEP 2: Only LED 5, 8 and 9 must be on



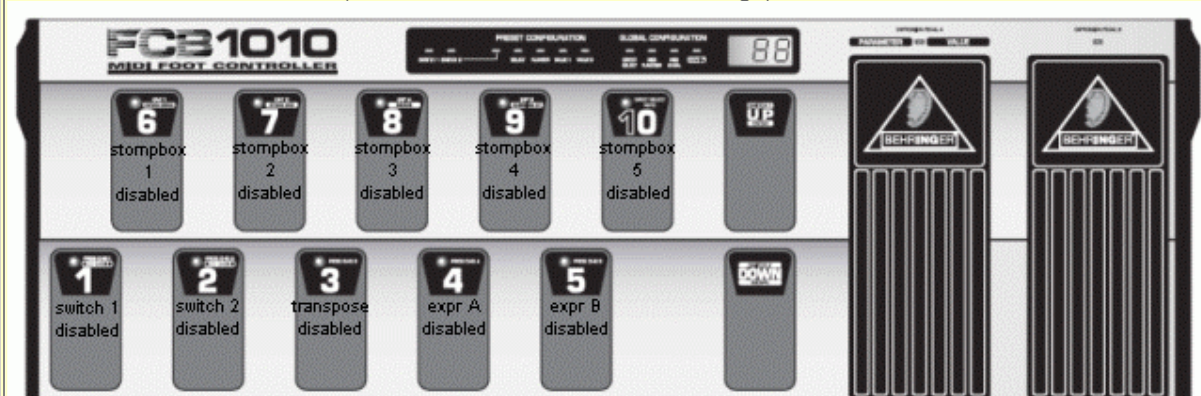
STEP 3: Keep the DOWN switch pressed for about 2.5 sec to save your changes and leave setup mode

### Stompbox 4 (delay) (program 9)

STEP 1: Keep BOTH stompbox 9 and the DOWN switch depressed for about 2.5 sec.



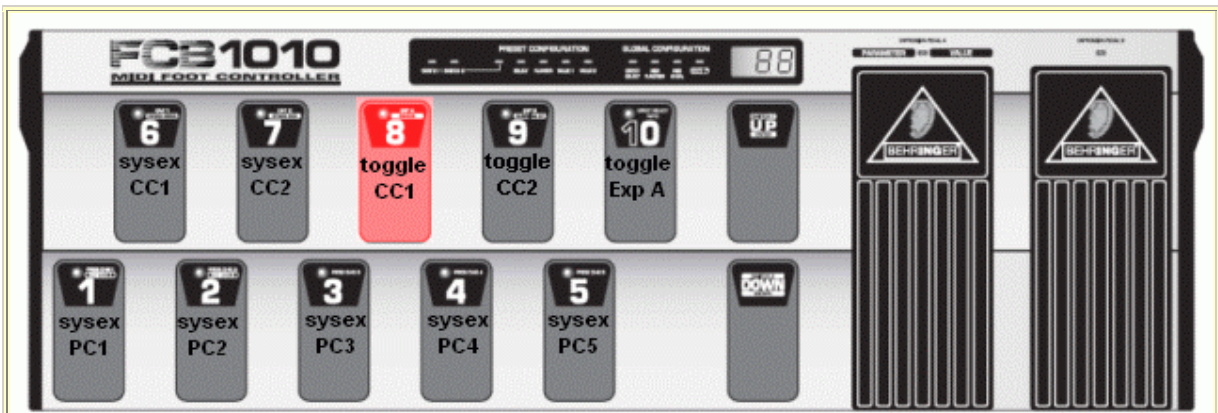
STEP 2: All LEDs must be off (Press for about 1.5 second to change)



STEP 3: Press UP



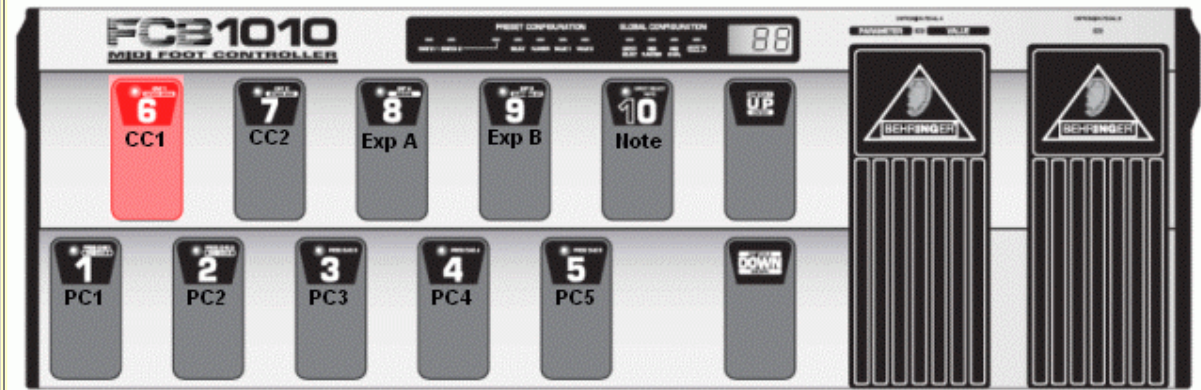
STEP 4: Only LED 8 must be on (Press for about 1.5 second to change)



STEP 5: Press UP



STEP 6: Only LED 6 must be on (Press for about 1.5 second to change)



STEP 7: Press footswitch 6 again (shortly this time) to go to CC1 setup - LED 6 starts flashing



Enter the control number (in this case CC delay for the Axe-FX is set to 28)

STEP 8: Press UP



Enter value 1 (this is the value when you press stompbox 4 the first time. since stompbox 4 is initially OFF, pressing it the first time it will be ON (127))

STEP 9: Press UP



Enter value 2 (this is the value when you press stompbox 4 the second time, in our case we want OFF (0))

STEP 10: Press UP

Keep the DOWN switch pressed for about 2.5 sec to save your changes and leave setup mode  
**on a similar way program all the other stompsboxes**

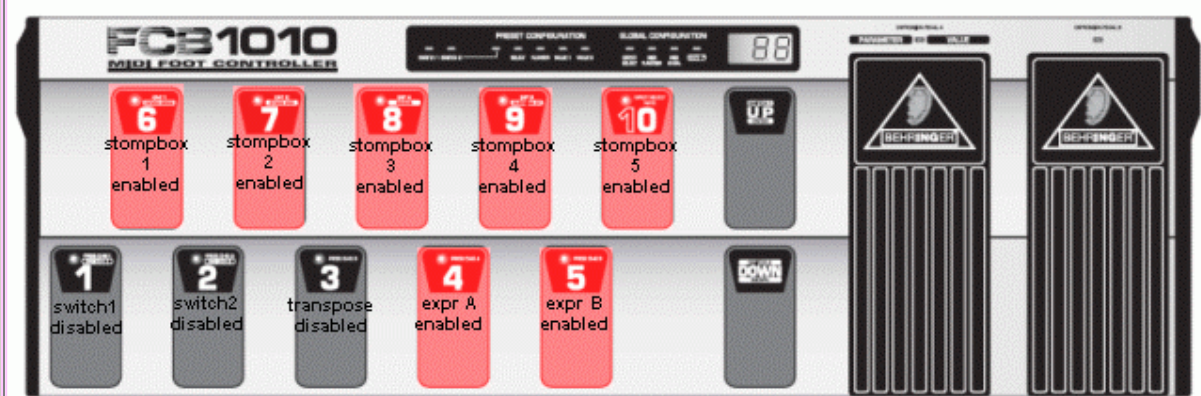


# Program 1

STEP 1: press Program 1, then press the DOWN switch depressed for about 2.5 sec.



STEP 2: Only LED 4-10 must be on (Press for about 1.5 second to change)  
*(you're telling here that when selecting Program 1 you want to control the state of expr A/B and all stompboxes)*



STEP 3: Press footswitch 6 again (shortly this time) to go to state of stompbox 1 - LED 6 starts flashing



STEP 4: Press UP



STEP 5: Now again use footswitch 6 to toggle the value between 0 (OFF) and 1 (ON)  
*(in our case if you select program 1, the comp (stompbox 1) on the Axe-FX is OFF (0))*  
Press UP

STEP 6: Go back to STEP 3 and do the same for stompboxes 2 to 5, using footswitches 7 to 10.  
after that continue

STEP 7: Press UP



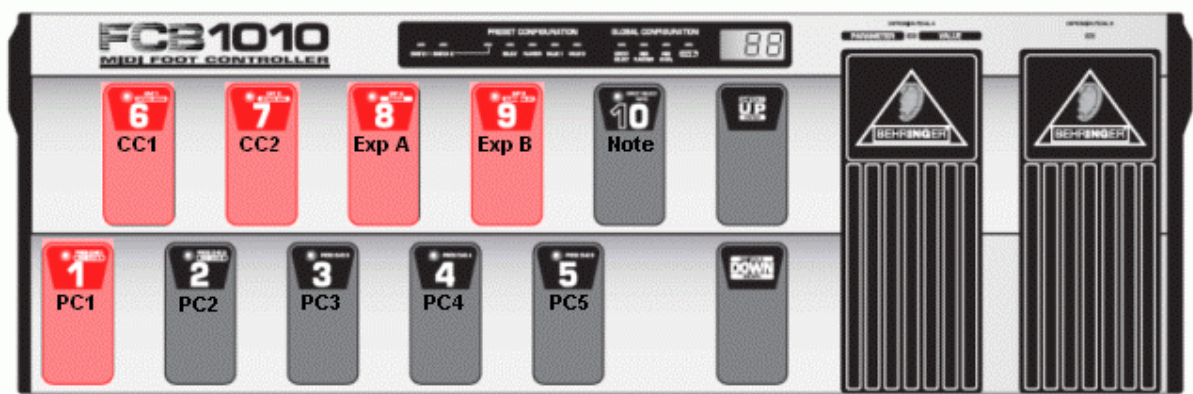
STEP 8: all LEDs must be OFF (Press for about 1.5 second to change)



STEP 9: Press UP



STEP 10: Only LED 1,6,7,8,9 must be ON (Press for about 1.5 second to change)



STEP 11: Press footswitch 1 (shortly) to go to PC1 setup - LED 1 starts flashing



Enter the programchange number (*this is the first time you press Program 1*)  
Press UP

STEP 12: Press footswitch 6 (shortly) to go to CC1 setup - LED 6 starts flashing



Enter the control number (*TAP-tempo CC=64 for the Axe-FX. transmitted all other times you press Program 1*)

STEP 13: Press UP



Enter value 1 (127=maximum)

STEP 14: Press UP

PRESET CONFIGURATION      GLOBAL CONFIGURATION

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SWITCH1	SWITCH2	SELECT	NUMBER	VALUE 1	VALUE 2		DIRECT SELECT	MIDI FUNCTION	MIDI CHAN	CONFIG	



Enter value 2 (127=maximum)

STEP 15: Press UP

repeat STEP 12-14 now for footswitch 7-9 using these values:

footswitch 7 (CC2) - number CC: 43 (wah) - value1: 0 (wah off) - value2: 0 (wah off)

footswitch 8 (Exp A) - number CC: 4 (wah-freq) - value1: 0 - value2: 127

footswitch 9 (Exp B) - number CC: 7 (volume) - value1: 0 - value2: 127

STEP 16: Keep the DOWN switch pressed for about 2.5 sec to save your changes and leave setup mode