

BEHRINGER MIDI FOOT CONTROLLER FCB1010

QUICK GUIDE TO PROGRAMMING

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BEHRINGER



INSTRUMENT AMPLIFICATION

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GLOBAL PROGRAMMING

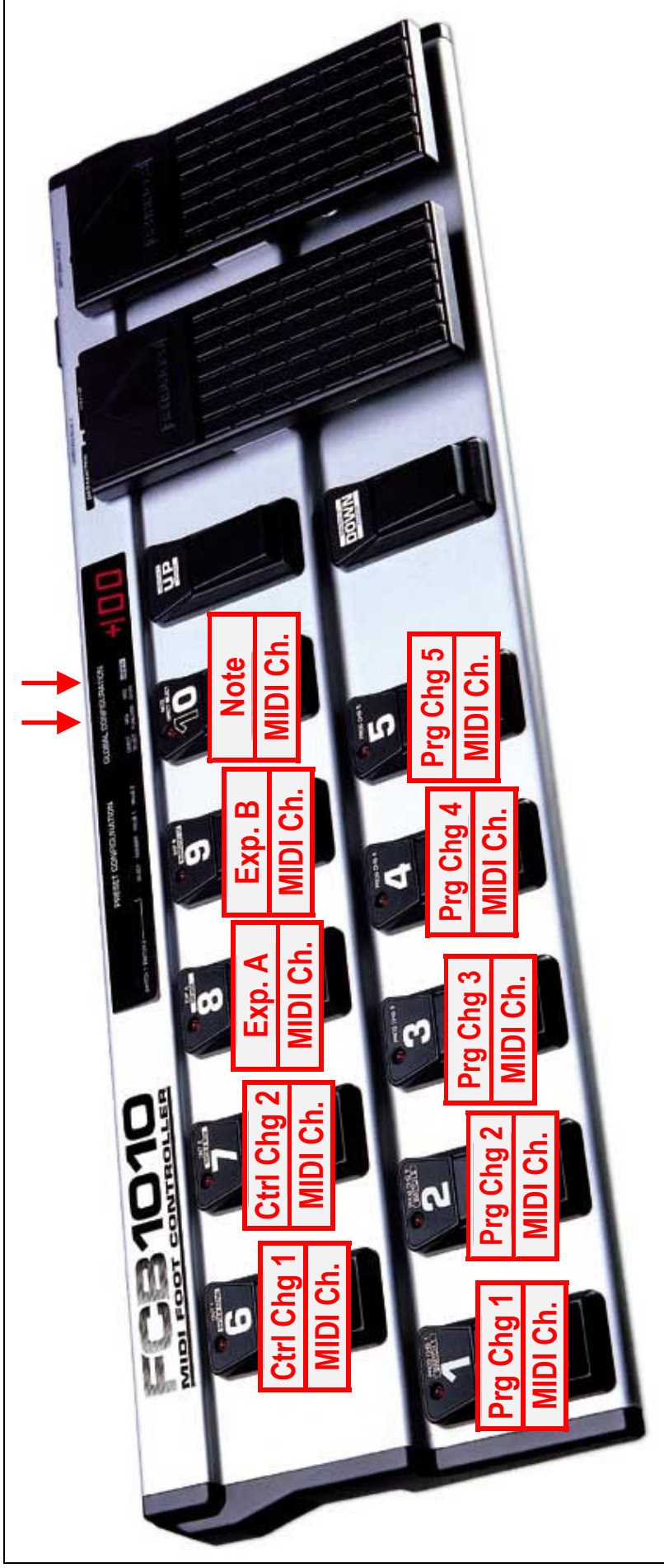


Fig. 1 : Global Configuration "MIDI Function/MIDI Channel"

All MIDI channels have to be set in *global configuration*. These adjustments are valid for ALL PRESETS. In the "factory" condition, all global functions are set to MIDI channel 1.

The assignment of these MIDI channels depends entirely on the configuration of your other MIDI equipment. When you're running for example 4 different pieces of equipment, you have to adjust the MIDI channels on your FCB 1010, according to your external devices.

You would have to assign 4 different channels, if you wish to access all units independently or separately. All devices set to the same channel would allow to control all of them with just 1 MIDI command!

Global Programming Procedure:

1. Press the DOWN button for 2-3 seconds while powering up the FCB1010. Now you're in *global configuration* mode. The *direct select* LED will light up.
2. Press the ENTER/UP button once. The *midi function* LED will flash.
3. Select the function you would like to change (button 1-10). The red LED on this button will start to flash now. You can read the current MIDI channel for this function in the display now.
4. If you want to change this MIDI channel, press the ENTER/UP button to confirm the selection.
5. Now you can change the MIDI channel number for the function you've selected using the number Keys.
6. Press the ENTER/UP button to confirm.

If you would like to change more MIDI channels, press the ENTER/UP button several times, until the green MIDI FUNCTION LED is flashing again, and follow the same procedure.

Once you've adjusted all MIDI channels, press the DOWN button 2-3 seconds to leave the *global configuration* mode.

NOTE:

The functions and channels you've selected in the *global configuration*, are defined for ALL PRESETS!
So it is not possible to send expression pedal A in preset 1 to MIDI channel 1, and in preset 2 to MIDI channel 2, etc.

Advantage:

You have a clear assignment for each MIDI command to the device controlled.

PRESET PROGRAMMING

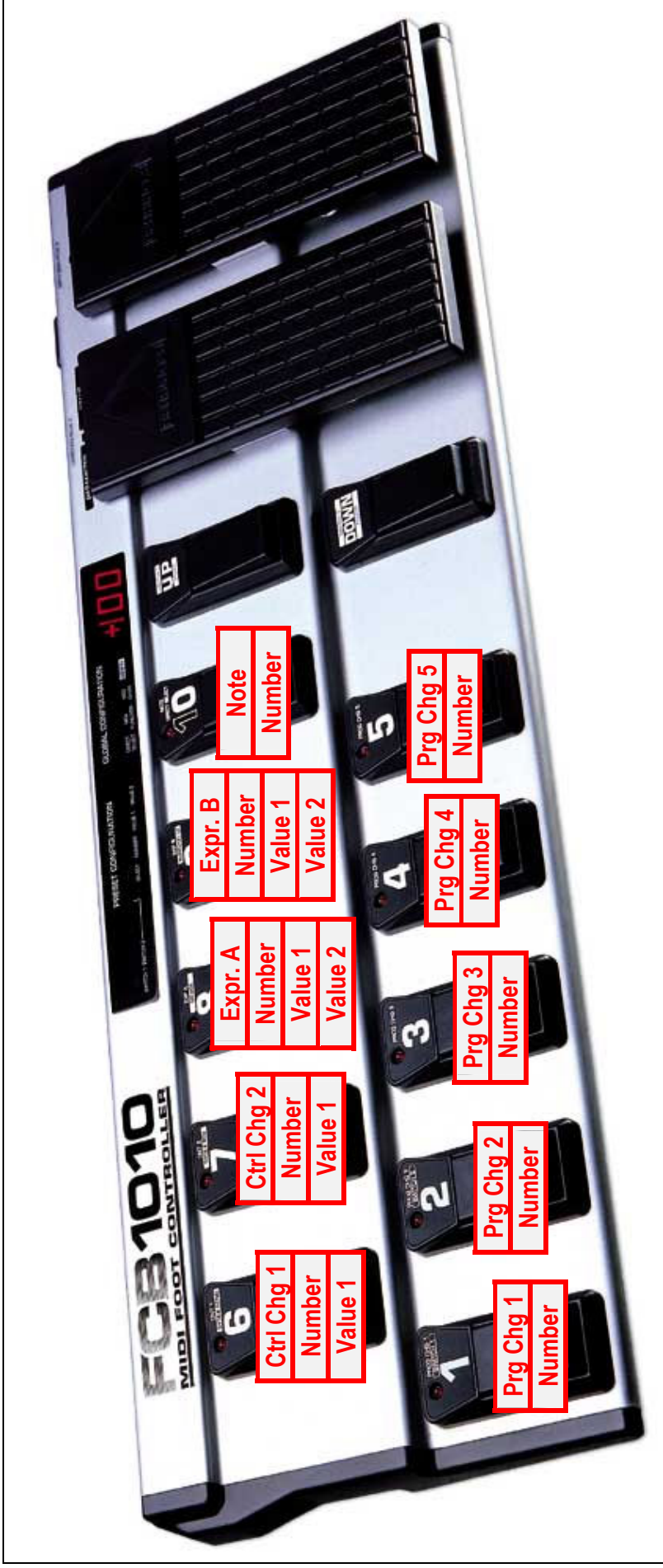


Fig. 2 : Preset programming

Each preset can control:

- 2 relay contacts
- 5 program changes (1-5)
- 2 control changes (6-7)
- 2 continuous controllers on the expression pedals (8-9)
- 1 MIDI note (10)

Make sure you've first setup the *global configuration* correct, before you start programming your presets.

Preset programming:

Generally UP confirms and DOWN cancels the current changes.

1. Select the preset you would like to edit.
2. Press the DOWN button for 2-3 seconds, to enter the *preset configuration* mode.
3. The green LED for *switch 1-2* will flash now. If you want to use the relay switches in this preset, you can activate/deactivate them by pressing pedal 1 and/or 2. Once set, press ENTER/UP to confirm.
4. The green *select* LED will now light up. The red LED's in the buttons indicate the MIDI commands that are to be transmitted when you select this preset. In factory condition, these will be : PROG CHG 1, EXP A and EXP B. If you want to transmit other commands in this preset, press the relevant functions (pedals) until the red LED lights up (2-3 seconds).
5. To set the parameters of the MIDI commands, press the function you would like to edit briefly. The red LED in the pedal of the selected function will start to flash now. Confirm with ENTER/UP.
6. Fig. 2 shows the parameters that need to be set. Fill in the required values, and always confirm with ENTER/UP.
7. When all values have been entered, leave the preset programming by pressing the DOWN button for 2-3 seconds. Your preset is stored now.

SETUP EXAMPLE

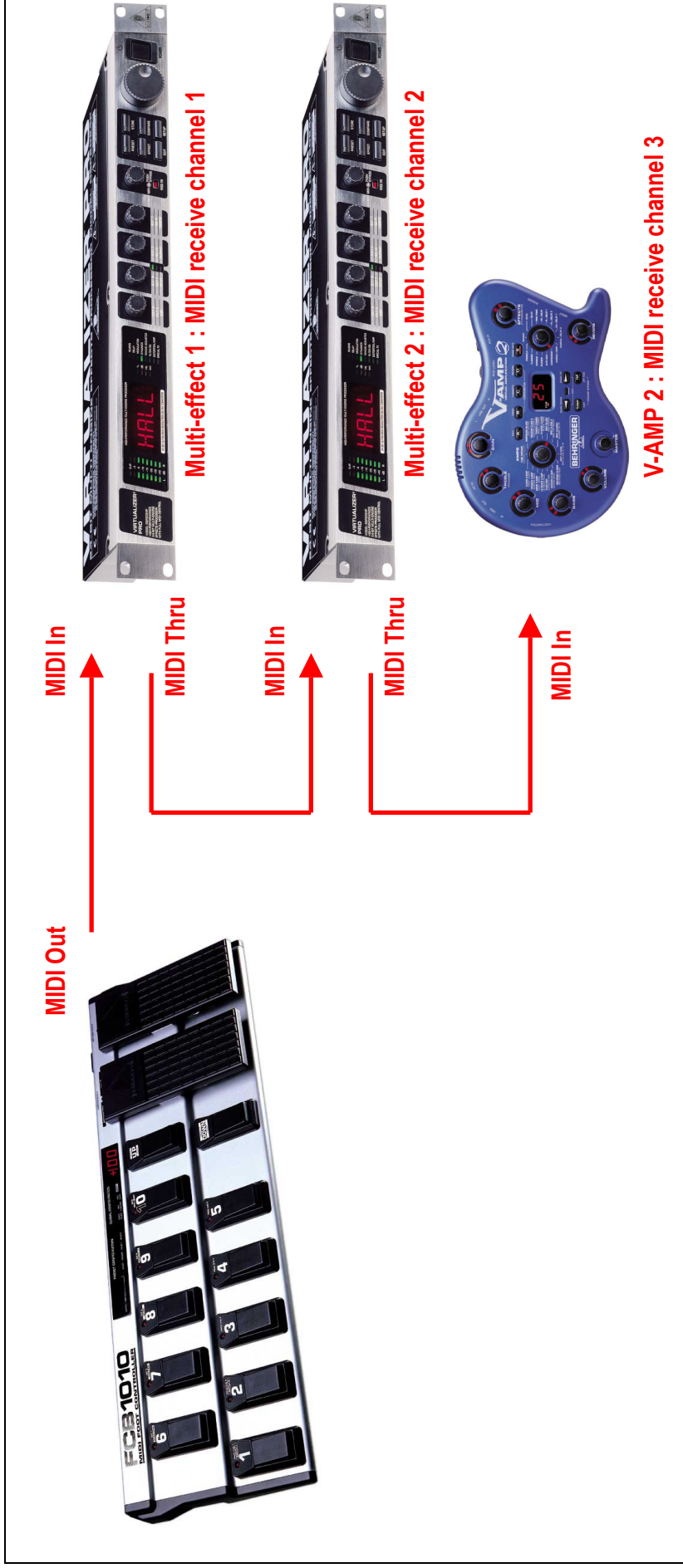


Fig. 3 : Example

In this example you'll see :

- 2 multi-effects VIRTUALIZER DSP2024 BEHRINGER
- 1 virtual guitar amp V-AMP 2 BEHRINGER
- 1 foot controller FCB1010 BEHRINGER

We want to send 3 different program changes, we use EXP A for the V-AMP, and EXP B for Virtualizer Pro #2.

Global Programming :

1. Go into *global* mode by keeping the DOWN button pressed while powering up.
2. Press ENTER/UP to go to the *midi function* page. Press pedal 1 to adjust the MIDI channel for program change 1. Press ENTER/UP, and fill in "1". Press ENTER/UP to confirm. Press ENTER/UP several times until you return in the *midi function* page.
3. Press pedal 2 to adjust the MIDI channel for program change 2. Press ENTER/UP, and fill in "2". Press ENTER/UP to confirm. Press ENTER/UP several times until you return in the *midi function* page.
4. Press pedal 3 to adjust the MIDI channel for program change 3. Press ENTER/UP, and fill in "3". Press ENTER/UP to confirm. Press ENTER/UP several times until you return in the *midi function* page.
5. Select EXP A button (8) in *midi function* mode, to adjust MIDI channel "1".
6. Do the same for EXP B (9), and adjust it to MIDI channel 2.
7. Global editing for this configuration is done now.

Now you can program your presets.

Of course this will all depend on which program change you want to send to which device.

For example, preset 1 could do the following:

- Select patch 23 on unit 1
- Select patch 56 on unit 2, EXP B is mix value wet/dry of the DSP2024P
- Select patch 12 on the V-AMP, EXP A will control the volume on the V-AMP

Programming the preset (unit has it's original factory presets)

1. Select preset 1
2. Hold the DOWN button for 2-3 seconds.
3. Press the ENTER/UP button once.
4. Keep prog chg 2 (2) pressed until red LED lights, do the same for 3.
5. Press switch 1 short, red LED will flash. Press ENTER/UP, and fill in program change value 23. Press ENTER/UP to confirm.
6. Press switch 2 short, red LED will flash. Press ENTER/UP, and fill in program change value 56. Press ENTER/UP to confirm.
7. Press switch 3 short, red LED will flash. Press ENTER/UP, and fill in program change value 12. Press ENTER/UP to confirm.
8. Press switch 8 short, red LED will flash. Press ENTER/UP, and fill in the control number 07 for volume change. Controller number 27 could be used to control the V-AMP's Wah-Wah function. You can find these values in the MIDI implementation charts of your V-AMP. Press ENTER/UP. Fill in the lower value, most of the time it will be "00" *. Press ENTER/UP. Fill in the highest value, mostly "127". ENTER/UP to confirm.
9. Press switch 9 short, red LED will flash. Press ENTER/UP, and fill in the control number 111 for mix wet/dry. You can find these values in the MIDI implementation charts of your DSP2024P. Press ENTER/UP. Fill in the lower value, most of the time it will be "00". Press ENTER/UP. Fill in the highest value, mostly "127". ENTER/UP to confirm.
10. Press DOWN button for 2-3 seconds, preset is stored now.

*) The V-AMP bypasses the Wah function when controller 27 / value 00 is received. Therefore, the minimum value must be set to "01" for this application