EvenMidi®

www.evenmidi.com

H9 MIDI CONTROLLER
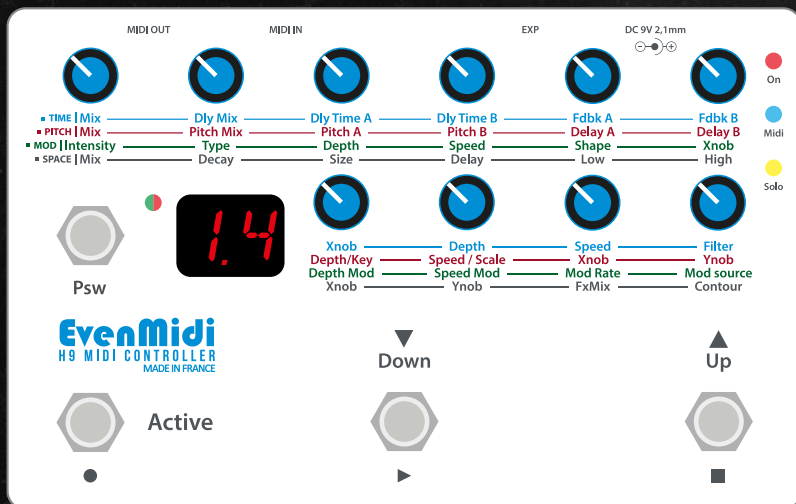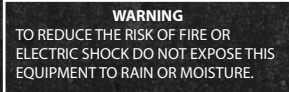
MIDI OUT   MIDI IN   EXP   DC 9V 2,1mm

TIME	Mix	Dly Mix	Dly Time A	Dly Time B	Fdbk A	Fdbk B
PITCH	Mix	Pitch Mix	Pitch A	Pitch B	Delay A	Delay B
MOD	Intensity	Type	Depth	Speed	Shape	Xnob
SPACE	Mix	Decay	Size	Delay	Low	High

On
Midi
Solo

Xnob — Depth — Speed — Filter
Depth/Key — Speed / Scale — Xnob — Ynob
Depth Mod — Speed Mod — Mod Rate — Mod source
Xnob — Ynob — FxMix — Contour

Psw

EvenMidi
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▼ Down

▲ Up

Active

●

▶

■

USER MANUAL
ENGLISH

MADE IN FRANCE

EvenMidi®
H9 MIDI CONTROLLER

VERSION 1.4 - 2018

www.evenmidi.com

Thank you for purchasing our Midi controller. We work on it since the Eventide® H9 release. First it was a DIY project and now it's a professional tool. This is the second version of our controller. We added a lot of new features thanks to your suggestions and in order to open the controller to any Midi device. You'll be very happy to control 4 devices at the same time. This controller is already set for Eventide® and Strymon® devices. You can also create 4 generic controllers to control for example your Digitech® Whammy® or your amp...9 banks of 3 presets are now customizable.
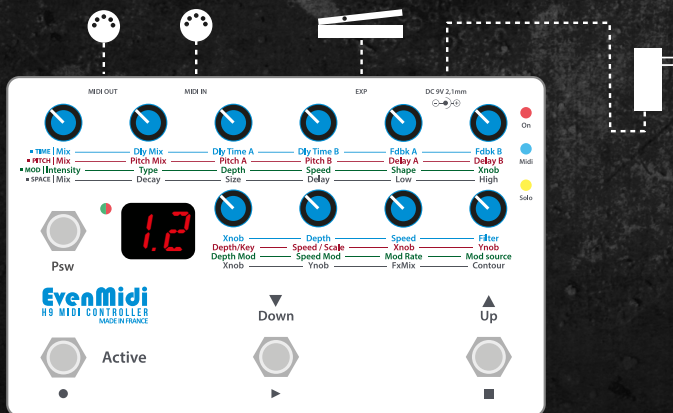
Specifications

MIDI OUT/THRU	MIDI IN	TRS - Expression pedal	Connect a power supply 9V DC
to Eventide® H9 MIDI IN	(routing THRU)	From 10k to 50k Ohms	2,1mm - negative center 200mA

Eventide® H9 Settings

■ 1 - EVENTIDE® SETTINGS AND MIDI WIRING

You have to set your Eventide® H9 to work properly with the controller. Use the H9 control app/software to easily set parameters in Pedal ▶ MIDI Settings. You can also *hold down Hotknob and Tap footswich for 2sec.* then scroll with encoder to access *MIDI* settings.

Press the *encoder switch to enter* menu and *presets switch* to return. *Hold down Hotknob and Tap footswitch for 2sec.* to save & exit.

1) MIDI channel - *RCV CH*
Set your 1st H9 on Midi channel receive 1.
Set your other devices on next channels (2, 3, 4).

2) MIDI Output Mode - *OUTPUT*
Set Midi Output to *THRU*.

3) Assign MIDI CC messages - *RCV.CTL*
Press Tap or Active and use encoder to set.
PSW *Performance switch (Middle)* ▸ C0
PP- *Decrement preset* ▸ C2 (Optionel)
PP+ *Increment preset* ▸ C3 (Optionel)
K10-K19 *Set parameter 1-10* ▸ C22-C31
EXP *Set expression pedal value* ▸ BND (PitchBend)
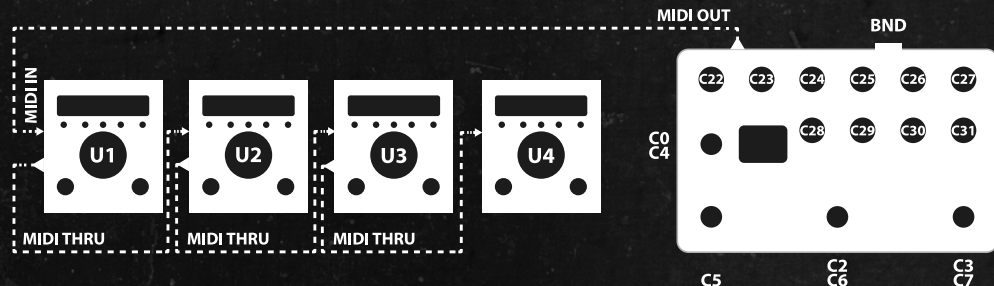
Looper CC
MT *Looper - Empty* ▸ C4
REC *Looper - Record* ▸ C5
PLY *Looper - Play* ▸ C6
STP *Looper - Stop* ▸ C7 (double Tap = Empty)

Use MIDI cable(s) (5DIN) to connect the MIDI controller to the Eventide® H9(s).

Instead of Eventide® H9 you can wire any Midi device supporting program Change. Check Annex Generic Settings to custom your device if needed.

If your Eventide® H9 is connected with H9 app:
- via Bluetooth, you must turn on MIDI over Bluetooth in MIDI settings to make MIDI works.
- via USB, you can't use MIDI IN Eventide® H9 port to make MIDI works but you can use your MIDI IN soundcard. Check Settings>Connect MIDI Device to Eventide® Device in H9 control app.

EvenMidi® H9 Settings

■ **2A - ACCESS TO ALL SETTINGS**

We have centralized access to all settings.

ACCESS | hold down «PSW + DOWN» for 2 s.
The controller displays « M or L or CA or GE ».

M ▸ MIDI Settings
L ▸ Live Mode Settings
CA ▸ Calibration Settings
GE ▸ Generic Device Settings

Navigation footswitches

Return ▸ Press PSW	
Enter ▸ Press Active	
Store ▸ Hold Active for 2s.	

Mix knob

■ **2B - MIDI SETTINGS -** *M*

EvenMidi H9 can control four MIDI units on different channels. When you enter in Midi Settings the controller displays *Ed* for Edit.

Here, you can set Midi Channels, Devices Type and Preset number limit for Solo Mode (or Full Live Mode). Set Midi Channel to *oF* to disable a device.

SAVE ▸ Hold Down «ACTIVE» for 2 sec. *The controller displays StoEd.*
EXIT ▸ Press «PSW». The controller displays rEturn.
PRESET LIMIT : 01~99
MIDI CHANNEL INPUT: OFF - 01~16
MIDI CHANNELS OUT: OFF - 01~16
DEVICES :
01 : H9 or TimeFactor (Looper)
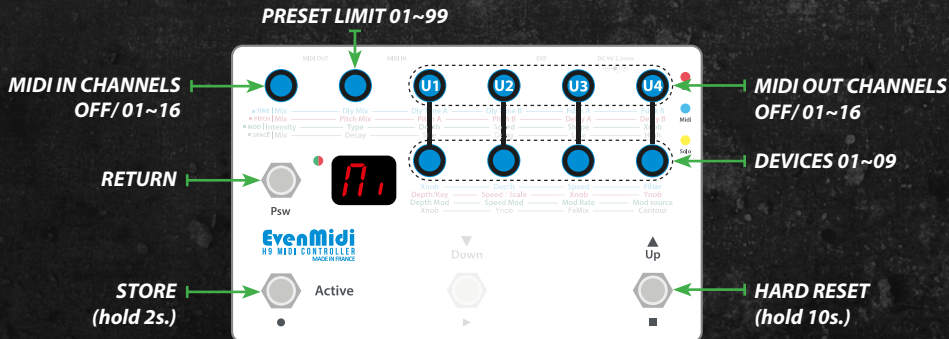02 : PitchFactor ModFactor or Space (no Looper)
03 : Strymon® Timeline (Looper)
04 : Strymon® Mobius
05 : Strymon® Space
06 to 09 : Generic 1, 2, 3, 4

Midi Settings Diagram

PRESET LIMIT 01~99

MIDI IN CHANNELS
OFF/ 01~16

MIDI OUT CHANNELS
OFF/ 01~16

DEVICES 01~09

RETURN

STORE
(hold 2s.)

HARD RESET
(hold 10s.)

■ 2C - HARD RESET

Press «UP» for 10s. in the Midi settings Menu: The controller displays *Hr*. MIDI channels, devices, calibration, presets Stored and anything saved will be reset by default.

■ 2D - LIVE MODE SETTINGS - *Li*

You can edit Live Mode presets and bank number limitation or Full presets. When you enter in Live Mode Settings the controller displays *Ed* for Edit.

If bank number is *b1* to *b9*, it means you will have up to 9 banks of 3 presets called A,B,C: 27 presets. If you set to *Fu* (full), the presets will be displayed normaly *01-99* and you will scroll to presets normally.

To edit a preset, first turn the « Preset to edit » knob and select the preset. Then change the program change, exp and pots before storing.

Preset edition example with 4 midi devices :

Preset to Edit : *2b*
U1 ▸ Send ProgramChange 24 ▸ *24*
U2 ▸ Send Program Change 31 ▸ *31*
U3 ▸ Send Bypass ▸ *BP*
U4 ▸ Off (Send nothing) ▸ *oF*
EXP ▸ Expression active on unit 2 ▸ *E2*
POTS ▸ Pots active on unit 1 ▸ *P1*

You can test your preset before storing.
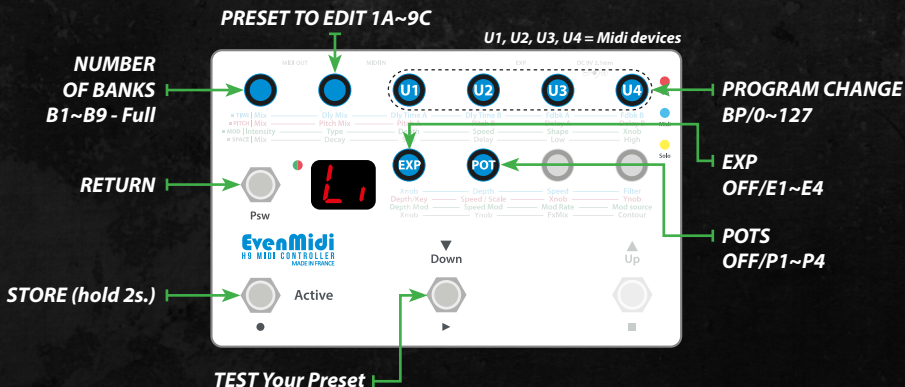**TEST ▸** *Press «DOWN»*. The controller displays *tE*.
SAVE ▸ *Hold Down «ACTIVE» for 2s*. The controller displays *StorEd*.
EXIT ▸ *Press «PSW»*. The controller displays *rEturn*.

■ 2E - CALIBRATION SETTINGS - *CA*

Connect a 10kOhms expression pedal with a stereo cable 6.35mm (50kOhms max). When you enter in Calibration Settings the controller displays your expression pot value.

Live Mode Settings Diagram

PRESET TO EDIT 1A~9C

U1, U2, U3, U4 = Midi devices

NUMBER
OF BANKS
B1~B9 - Full

PROGRAM CHANGE
BP/0~127

RETURN

EXP
OFF/E1~E4

POTS
OFF/P1~P4

STORE (hold 2s.)

TEST Your Preset

- Left led is Green: Push the pedal to your max toe. **SAVE ▸ Hold Down «ACTIVE» for 2s**. The controller displays *toE StorEd*.

- Left led turn to red: Now push the pedal to your min heel

SAVE ▸ Hold Down «ACTIVE» for 2s. The controller displays *HEEL StorEd*.
The pedal max (toe) should not go to 99 during calibration. Don't worry it's a normal behavior. **EXIT ▸ Press «PSW»**. The controller displays *rEturn*.
Note: To prevent incorrect calibration, if the gap between the 2 values is too short, *the controller displays too Short. Retry again.*

■ 2F- GENERIC DEVICE SETTINGS

Check Generic Device Settings on Annex page.

MODES

■ 3 - SOLO MODE | LIVE MODE

ACCESS | Hold down «PSW + ACTIVE» for 2 seconds.
- If the **yellow Solo Led is On**, you're in **Solo Mode**. The controller displays *U1*. Left Led state devices: Nothing: *U1* | Green: *U2* | Red: *U3* | Green+Red: *U4*

- If the **yellow Solo Led is Off** you're in **Live Mode.** The controller displays preset number like *2A*.

In **Solo Mode**, you can control **4 devices separately** by switching between the 4 devices with «PSW» Footswitch. «PSW» footswitch doesn't send any Midi messages in Solo Mode if you control more than 1 device. If you have only one device, PSW send Control Change CC0.

In **Live Mode**, you can control **4 devices at the same time**. There is a full mode with all presets scrolling (1 to 99) and bank mode with 9 banks of 3 presets (1A to 9C). The 27 presets can be fully customised, check 2B-Live mode Settings.
«PSW» = Bank up (from *1* to *9*)
«Active» Preset *A* | **«Down»** Preset *b* | **«Up»** Preset *C*

By re-pressing on the same footswitch **the effect is bypassed** (EvenMidi® send ProgramChange125 on Eventide® corresponding to Bypass).
You can't access to Looper Mode in Live Mode.

■ 4 - LOOPER MODE

You can access to Looper if the controller is in Solo Mode and if you set your device to H9(& TimeFactor) or Strymon Timeline. *Check 2A-Midi Settings.*

Set your Eventide H9 to load Looper Preset on Program Change 127:

- For H9: Press Hotknob+Right Footswitch:
MIDI ▸ RCV.MAP ▸ 127 . YourLooperPresetNumber.
- In H9 control App Pedal ▸ Midi Settings ▸ Program Change Receive map ▸ Program Change 127 ▸ YourLooperPresetNumber.
ACCESS | Hold down «ACTIVE» for 2 seconds. The controller displays *L1, L2, L3,* or *L4.*
EXIT | Hold down «UP» for 2 seconds.

You can switch to other device by pressing «PSW» Footswitch. Looper Mode is Stored. Check *1 - EVENTIDE® SETTINGS AND MIDI WIRING* to set the MIDI CC on the Eventide ® H9.
You can't access to any settings in Looper mode.

■ 5 - TRICKS

1 - In Solo Mode *hold down «DOWN» or «UP» for 1s.* to quickly scroll presets.
2 - You can quicky enable/disable Pots : *hold down «UP+DOWN» for 2s.* The controller displays *Pots On* or *Pots OFF.*

■ 6 - WARRANTY

One year warranty for a normal usage. Don't put it on the water and do not apply an excessive voltage (max 12V). If the warranty time is over we can fix your controller at your charge.

■ 7 - MAINTENANCE

You normally don't have any maintenance. Clean the controller with a damp cloth.

■ 8 - CONCLUSION

Well it's time to play! Hope EvenMidi controller will fit perfectly on your pedal board. Have fun!
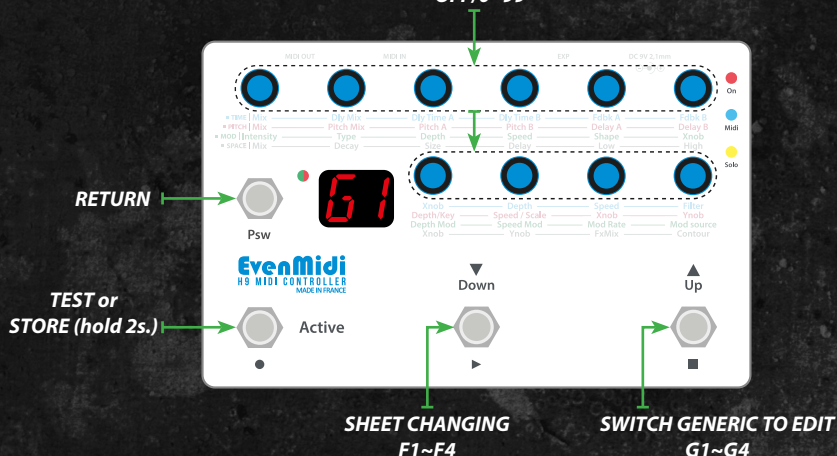Franck Graziano - EvenMidi

GENERIC DEVICES SETTINGS

SHEET1 - *F1*

10 POTS CONTROL CHANGE
OFF/0~99

RETURN

TEST or
STORE (hold 2s.)

SHEET CHANGING
F1~F4

SWITCH GENERIC TO EDIT
G1~G4

This controller can store 4 generic devices. You can set Pots (Control Change), Bypass and Expression. It must be ok with most parts of your material such as you Midi amplifier, Digitech® Whammy® etc.

Go in EvenMidi MIDI SETTINGS and assign a device Generic to a Midi Channel (not Off) then Store.

ACCESS | hold down «PSW + DOWN» for 2 s. Turn the *Mix knob* until the controller displays *GE*.
Press «ACTIVE»: the controller displays *F1* for sheet 1.

Step by step edit :

01 - *Press «UP»* to Select the Generic device you want to edit

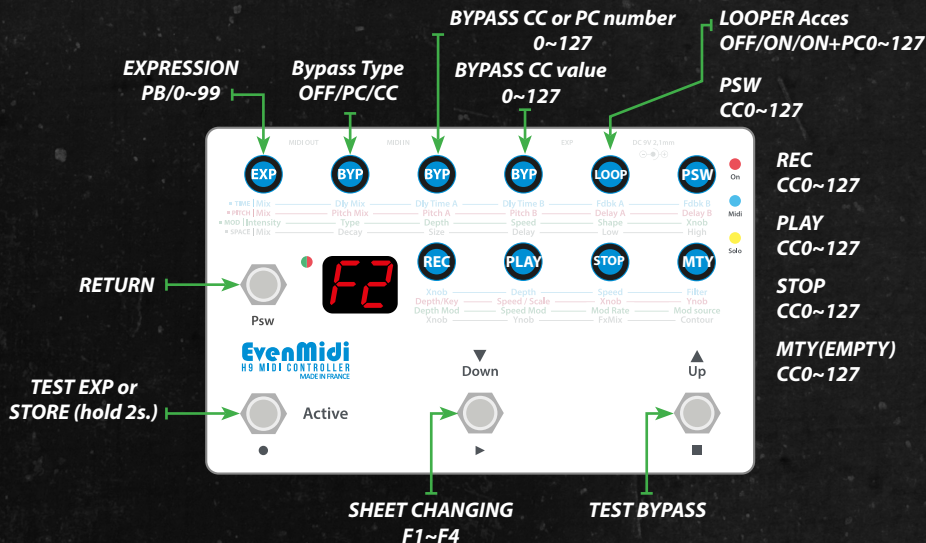**02** - Assign each knob to the good control change (CC) or Off.

03 - *Press «ACTIVE»* to test your knobs. The controller displays *On*: you can move your pots and check that your generic device receive Midi messages. *Press «ACTIVE»* again to return to CC settings. The controller displays *oF*.

04 - *Hold Down «ACTIVE»* for 2 seconds to Store

05 - *Press «DOWN»* to go on Sheet 2. The controller displays *F2*

ANNEX

SHEET2 - *F2*

EXPRESSION
PB/0~99

Bypass Type
OFF/PC/CC

BYPASS CC value
0~127

BYPASS CC or PC number
0~127

LOOPER Acces
OFF/ON/ON+PC0~127

PSW
CC0~127

REC
CC0~127

PLAY
CC0~127

STOP
CC0~127

MTY(EMPTY)
CC0~127

RETURN

TEST EXP or
STORE (hold 2s.)

SHEET CHANGING
F1~F4

TEST BYPASS

06 - Select the way you control your expression pedal : *PB*= Pitchbend or *0-99* for Control Change CC0-CC99

07 - *Press «ACTIVE»* to Test your expression pedal

08 - *Press «ACTIVE»* to return from Test

09 - Choose your Bypass Type : *oF*(off), *Pc* (Program Change) or *Cc* (Control Change)

10 - Choose your number bypass and value from *0* to *127* (Because the display is only 2 digits when you go over 99 it displays *A*=100, *B*=110 and *C*=120. So 127 is *C7*.

11 - *Press «UP»* to test your bypass

12 - Configure access to the looper or not (a PC# can be sent if needed to load looper algorithm). Rec, Play Stop Empty functions are called by CC. PSW is usefull when the controller is in Solo mode with only one targeted device : you can control tap tempo for example.

12 - *Hold Down «ACTIVE»* for 2s. to Store

13 - *Press «PSW»* to Exit Generic settings

14 - *Press «PSW»* to Exit Menu Settings

ANNEX

SHEET 3 - *F3*

CC minimal value 0~127

RETURN

Psw

STORE (hold 2s.)   Active

▼ Down   ▲ Up

SHEET CHANGING
F1~F4
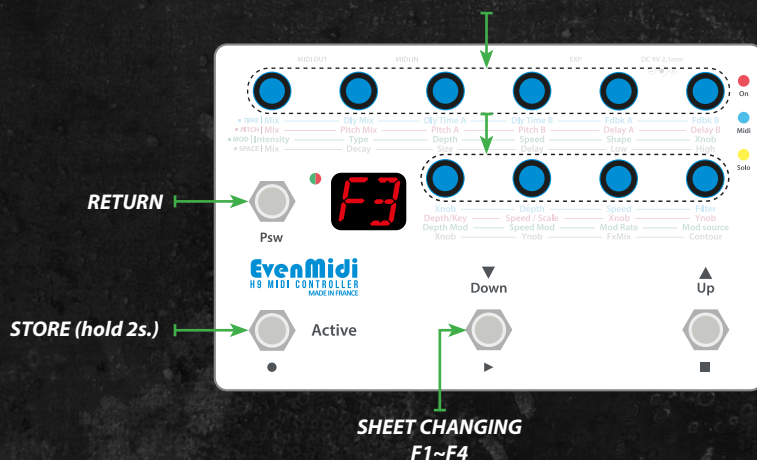
01 - Select the minimal value sent by each potentiometer
02 - *Hold Down «ACTIVE»* for 2s. to Store
03 - *Press «PSW»* to Exit Generic settings
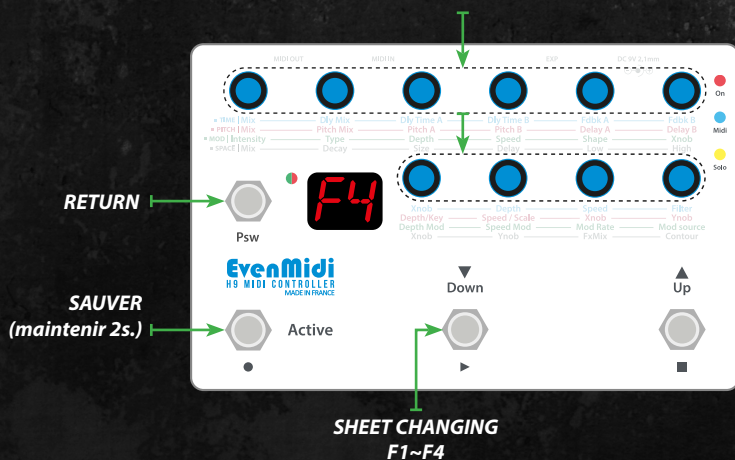**04** - *Press «PSW»* to Exit Menu Settings

SHEET 4 - *F4*

CC maximal value 0~127

RETURN

Psw

SAUVER
(maintenir 2s.)   Active

▼ Down   ▲ Up

SHEET CHANGING
F1~F4

01 - Select the maximal value sent by each potentiometer
02 - *Hold Down «ACTIVE»* for 2s. to Store
03 - *Press «PSW»* to Exit Generic settings
04 - *Press «PSW»* to Exit Menu Settings

ANNEX

MIDI INPUT

Since version 1.4, this controller can be controlled by another controller thanks to certain MIDI messages.
You will need to select the receiving MIDI channel (see MIDI Input Channel in the settings) and configure your other controller's output to the same channel.

Exemple :
Your controller : MIDI OUT Channel 16   -   EvenMidi H9 : MIDI IN Channel 16

Here are the MIDI commands recognized by EvenMidi, the others are simply transmitted in unfiltered MIDI THRU.

PC = ProgramChange
CC = ControlChange
[XXX] = Control change Value

1 - SOLO Mode: *CC#85* Value less than or equal to 64. Exemple : *CC#85[0]*

2 - LIVE Mode: *CC#85* Value greater than 64. Exemple : *CC#85[127]*

3 - Preset changing in SOLO Mode: *PC#0~99*

4 - Preset changing in LIVE Mode: *PC#0~26*

5 - Bypass: *PC#125*

6 - Device changing (increment) in SOLO mode : *CC#86* Value greater than 64. Exemple : *CC#86[127]*

QUICK SETTINGS

If your Eventide® H9 is connected with H9 app :
- via Bluetooth, you must turn on MIDI over Bluetooth in MIDI settings to make MIDI works.
- via USB, you can't use MIDI IN Eventide® H9 port to make MIDI works but you can use your MIDI IN soundcard. Check Settings>Connect MIDI Device to Eventide® Device in H9 control app.

Eventide® H9

MIDI CHANNEL RECEIVE

- H9 ▸ Hold Hotknob+Tap ▸ *MIDI* ▸ *RCV CH* ▸ *01*
- H9App ▸ PEDAL ▸ MIDI Settings ▸ MIDI Receive Channel ▸ Channel 1

MIDI THRU (if you use several H9 or Midi devices)

- H9 ▸ Hold Hotknob+Tap ▸ *MIDI* ▸ *OUTPUT* ▸ *THRU*
- H9App ▸ PEDAL ▸ MIDI Settings ▸ MIDI Output Mode ▸ Thru

MIDI CC

- H9 ▸ Hold Hotknob+Tap ▸ *MIDI* ▸ *RCV.CTL*
- H9App ▸ PEDAL ▸ MIDI Settings ▸ Assign MIDI CC messages to pedal functions

PSW *Performance switch (Middle)* ▸ **C0**
PP- *Decrement preset* ▸ **C2 (Optional)**
PP+ *Increment preset* ▸ **C3 (Optional)**
KB0-KB9 *Set parameter 1-10* ▸ **C22-C31**
EXP *Set expression pedal value* ▸ **BND (PitchBend)**

Looper CC
MT *Looper - Empty* ▸ **C4**
REC *Looper - Record* ▸ **C5**
PLY *Looper - Play* ▸ **C6**
STP *Looper - Stop* ▸ **C7 (double Tap = Empty)**

MIDI PC Program MAP

- H9 ▸ Hold Hotknob+Tap ▸ *MIDI* ▸ *RCV.MAP*
- H9App ▸ PEDAL ▸ MIDI Settings ▸ Program Change receive map

PC127 -> YourLooperPresetNumber
PC125 -> Bypass (Default)

EvenMidi® H9 Midi Controller

ACCESS TO ALL SETTINGS

Hold Down «PSW+DOWN» for 2s.

SOLO MODE / LIVE MODE

Factory default is Solo Mode. *Hold Down «PSW+ACTIVE» for 2s. to switch.*

ACCESS LOOPER MODE

Hold Down «ACTIVE ● (rec)» for 2 s. in Solo Mode

EXIT LOOPER MODE

Hold Down «UP ■(stop)» for 2s.

EXPRESSION PEDAL CALIBRATION

1. *Hold Down «PSW+DOWN» for 2s.* to access settings
2. Turn Mix knob until *CA* is displayed
3. *Press «ACTIVE»* to Enter
4. Push the pedal with your toe feet
5. *Hold «ACTIVE» 2s.* *toe Stored* is displayed
6. Bring the pedal to heel
7. *Hold «ACTIVE» 2s.* *HEEL Stored* is displayed
8. *Press «PSW»* to exit *rEturn* is displayed
9. *Press «PSW»* to exit settings.

POTS ON/OFF

Hold Down «DOWN+UP» for 2 s.

QUICK SCROLL PRESETS

Hold Down «UP» or «DOWN» for 1s.