



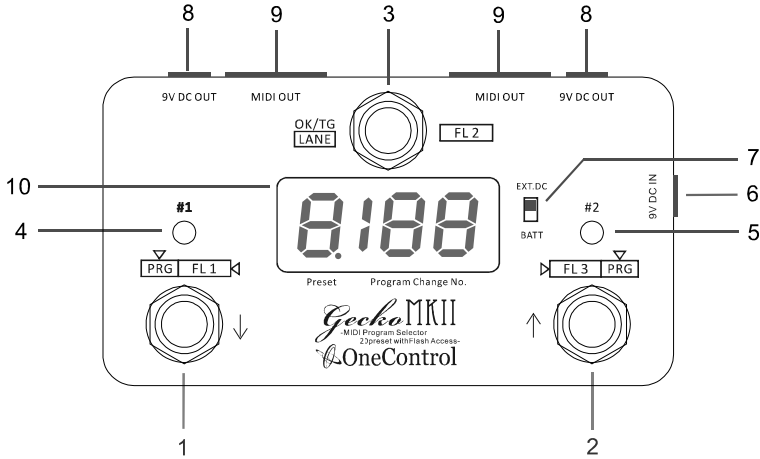
GECKO MARK II

USER'S MANUAL

Features:

- >Two midi channels of program(patch) change number
- >Two midi output jacks and DC output jacks
- >3 work modes (Recall / Direct / Flash)
- >20 presets in total.
- >Ultra low power consumption with battery , less than 4mA

1- Overview



(1) ↓ DOWN Switch

This switch scroll down the presets or program change numbers.

(2) ↑ UP Switch

This switch scroll up the presets or program change numbers.

(3) OK Switch

Press this switch to recall a preset or send a program change number.

(4) #1 midi & Mode Indicator

A triple color indicator, when it lights up, the screen shows the #1 midi information, the color indicates current working mode.

(5) #2 midi & Mode Indicator

A triple color indicator, when it lights up, the screen shows the #2 midi information, the color indicates current working mode.

(6) 9V DC Input

DC input jack, connect external 9V DC power supply here, it is negative center.

(7) Power supply select

The switch selects the power supply source, external power supply or battery.

(8) 9V DC Output

The two DC output jacks are internally connected to DC input jack. If they are used to supply other devices, the power supply select switch must be at EXT. DC position.

(9) MIDI Output

The program change numbers are sent via the two 5 pin midi jacks.

(10) Screen display

The screen shows the preset and program change number information.

2- Concept & Terms

PC#: Program Change Number, available from 0~127, and OFF (send nothing).

Preset: Preset store PC#s, recall a preset will send the stored PC#s instantly.

PN: Preset Number, the index of presets.

#1 Midi / #2 Midi: Each preset contain two midi PC#s, #1 midi and #2 midi.

Midi Channel: #1 Midi and #2 Midi work on different midi channels (editable 1~16).

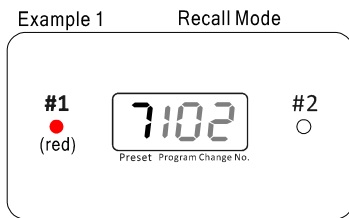
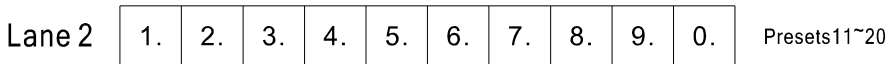
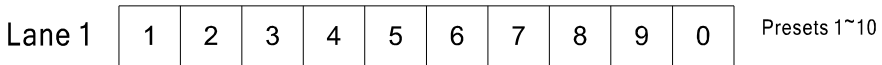
Lane: Gecko manage total 20 presets, which are separated into 2 Lanes, each lane contain 10 presets. Presets in lane 2 are displayed with a “dot” beside the number while the presets in lane 1 without.

Mode: Gecko have 3 working modes, Recall / Direct(Program) / Flash, the default mode is RECALL when it powers up.

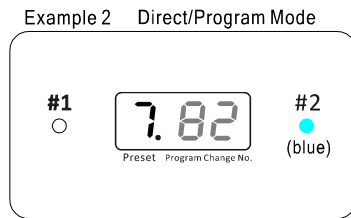
Recall Mode: Mark with RED led.

Direct/Program Mode: Mark with BLUE led.

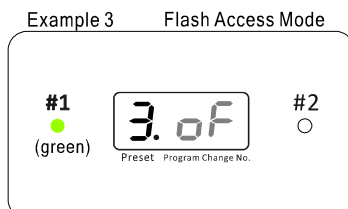
Flash Access Mode: Mark with GREEN led.



Preset 7 in lane 1, #1 Midi PC# is 102.




Preset 7 in lane 2, #2 Midi PC# is 82.




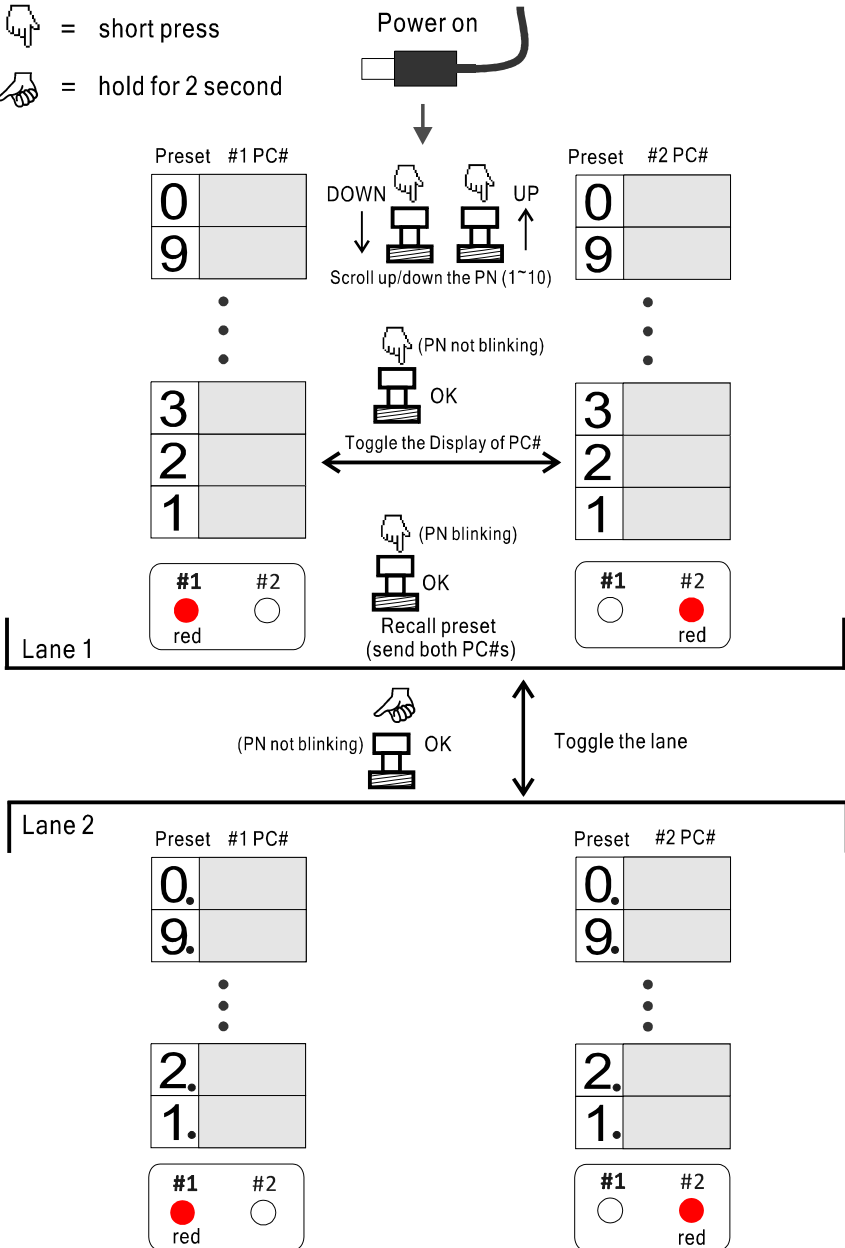
Preset 3 in lane 2, #1 Midi PC# is OFF.

3- RECALL MODE

The default work mode when powers up, the LED color is red.


 = short press


 = hold for 2 second

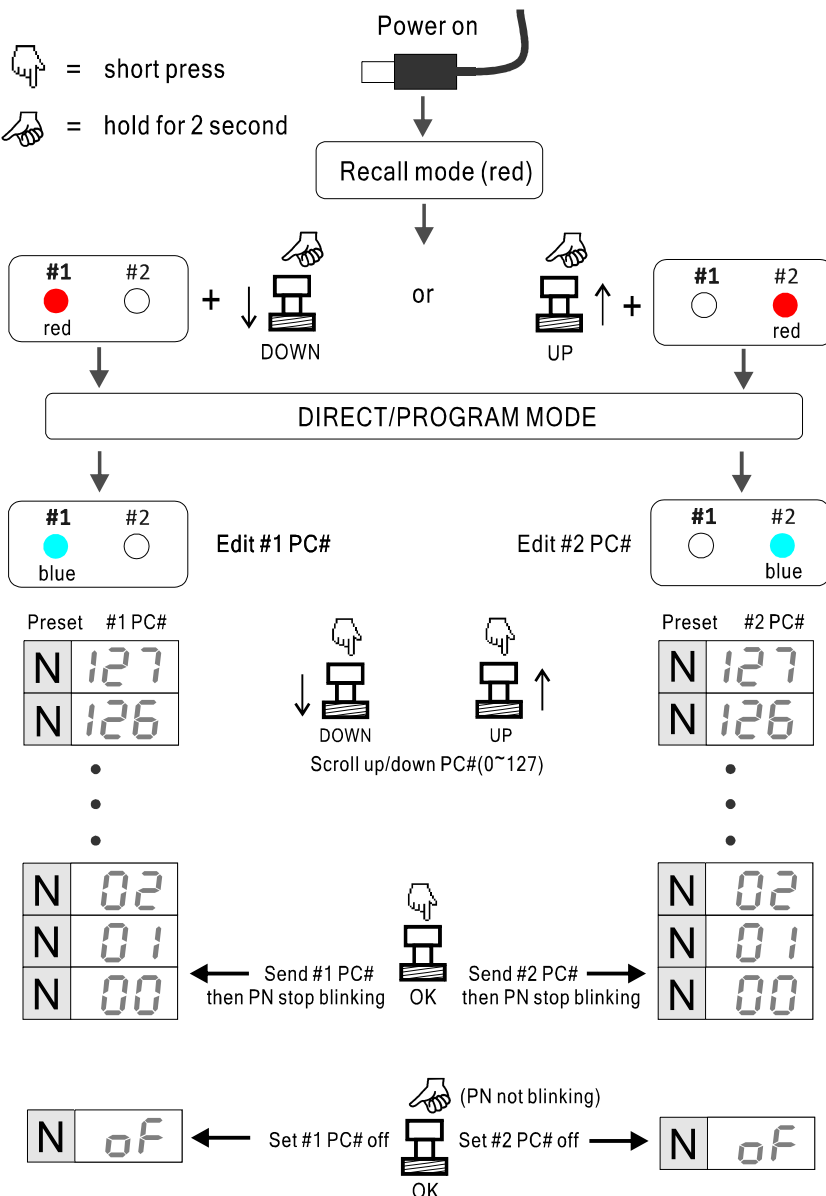


4- DIRECT/PROGRAM MODE

In RECALL mode, hold "DOWN" switch while #1 LED is on or hold "UP" while #2 LED is on, gecko will enter DIRECT/PROGRAM mode, the LED color turns into blue.

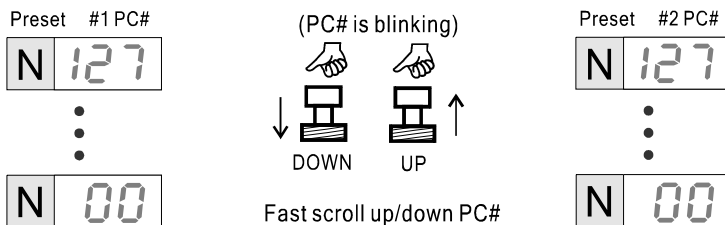
 = short press

 = hold for 2 second

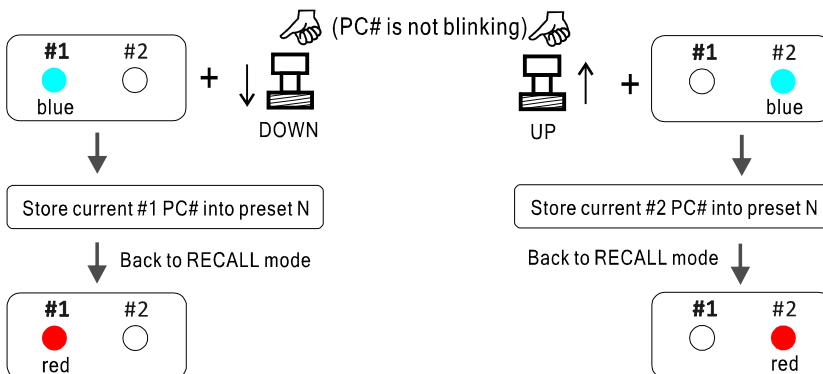


4- DIRECT/PROGRAM MODE (Continued)

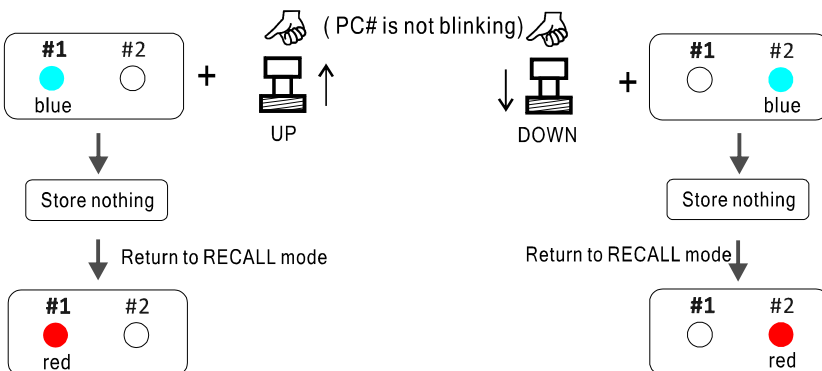
When the PC# is blinking, hold UP or DOWN switch will scroll up/down the PC# fastly.



When the PC# is not blinking, hold DOWN when #1 is on will save the #1 PC# into the current preset, hold UP when #2 is on will save the #2 PC# into the current preset.



When the PC# is not blinking, hold DOWN when #2 is on will return to RECALL mode and store nothing. hold UP when #1 is on will return to RECALL mode and store nothing.



5- FLASH ACCESS MODE

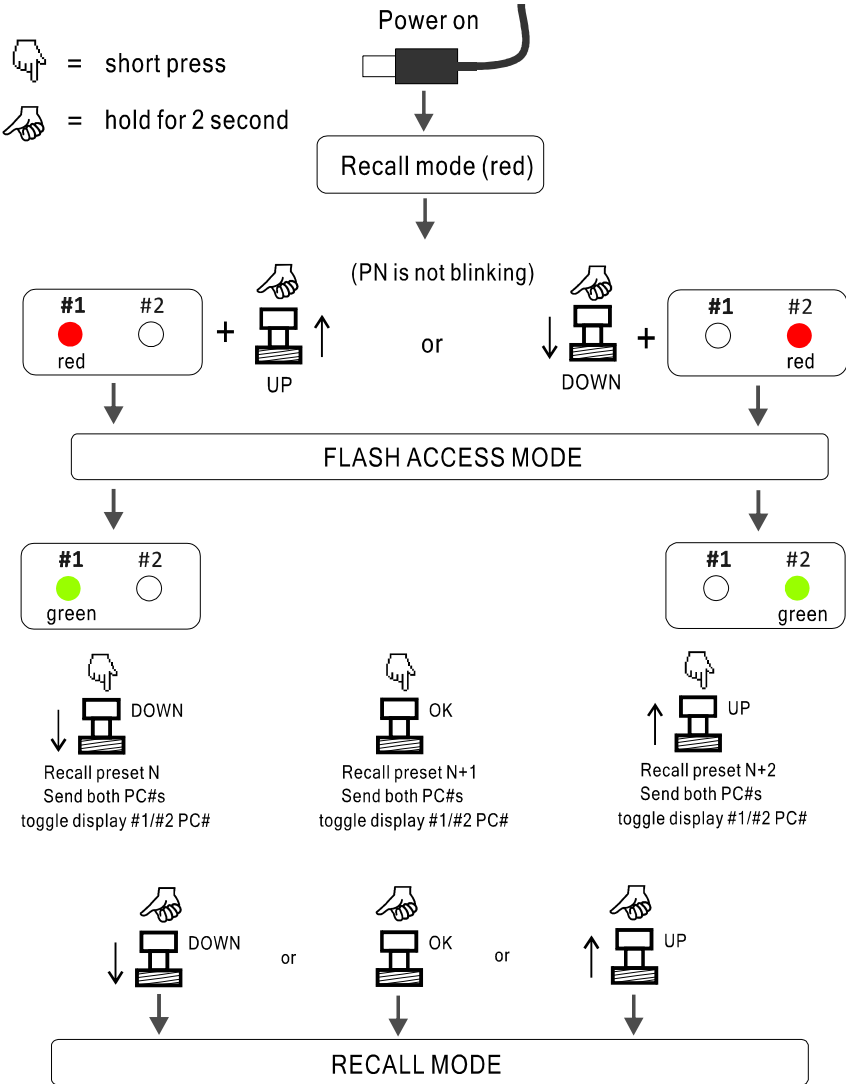
In RECALL mode, hold "UP" switch while #1 LED is on or hold "DOWN" while #2 LED is on, gecko will enter Flash Access mode, the LED color turns into green.

In Flash Access mode, each switch recalls a preset instantly.

DOWN recalls preset N, N is the preset number before it enters Flash Access mode,

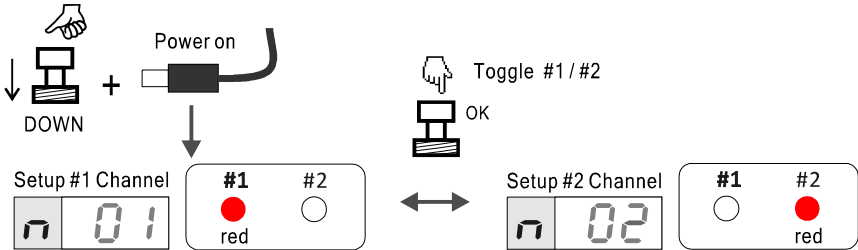
OK recalls preset N+1,

UP recalls preset N+2.



6- MIDI CHANNEL

To set the midi channel of #1 or #2 PC#, hold DOWN switch then power it up, the screen will show the current midi channel. Press the DOWN and UP switch to set the midi channel(1~16), press OK to toggle the #1/#2 midi, hold OK to save.



7- Instant Midi Message output

When Instant midi message output is turned on, each scrolling up/down of preset in Recall mode, or each scrolling up/down of PC# in Direct mode, will send out the PC# instantly without pressing “OK” switch.

To turn on/off the function, hold the UP switch and power up the unit, use UP/DOWN to select Y/N (on/off), then hold the OK switch to finish the setup.



8- Factory Reset

Factory Reset allows user to restore the factory presets. Hold OK switch then power the unit up, choose “y” by pressing DOWN or UP, hold OK to count down from 5 to 0, the current presets will be erased and factory presets will be restored.

9- Specifications

Dimensions.....120(W) x65(D)X46(H)mm
 Weight.....200g
 Power Supply.....DC9V
 Current Drain (EXT. DC power supply)max. 25mA
 Current Drain (Battery)..... less than 4mA