OneControl

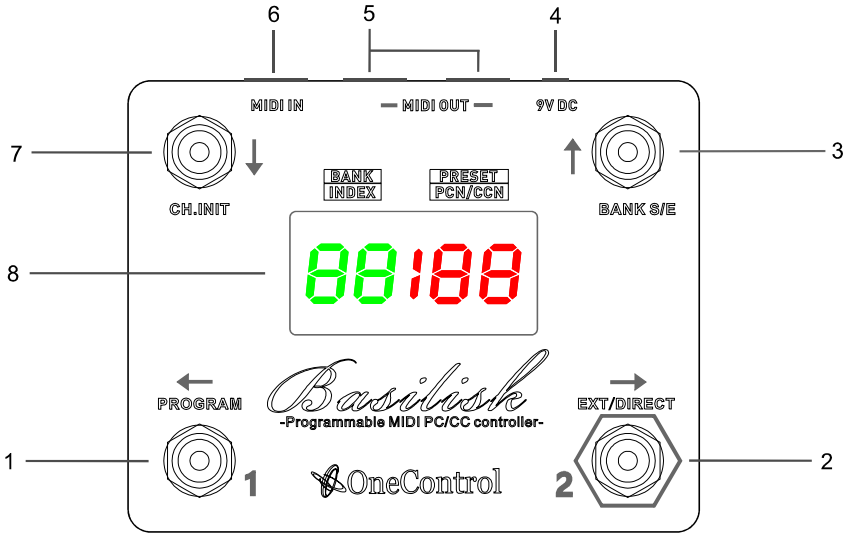
BASILISK V1.01

USER'S MANUAL

Features:

- Total 128 presets. 2 presets each bank, 64 banks.
- Each preset contain 5 PC# and 5 CC#.
- Expanded PC# value 0~199.
- It can also recalls preset by receiving PC# via MIDI input.
- Flash access mode allow user to recall 4 presets by pressing 4 footswitches.
- Direct access mode allow user to recall presets fastly.
- Active banks setup, user can setup the start and end bank number for fast looking up.
- Quiet momentary footswitches.
- Negative center 9V power supply.

1- Overview



(1) Preset "1" / Program (hold) switch

This switch recalls preset 1 of a bank. Hold it for 2 seconds to enter preset programming.

(2) Preset "2" / EXT/DIRECT(hold) switch

Press this switch recalls preset 2 of a bank.
When Basilisk is standby steady, hold this switch to turn on/off DIRECT Access mode. (Chapter 4). It also works as EXIT switch (hold) when Basilisk is in any setup modes - Preset programming, MIDI channel initialization, Start/End bank setup.

(3) UP/ Start End bank setup (hold)

The switch scroll up numbers. When basilisk is standby, hold it to setup start / end bank. (Chapter 7).

(4) 9V Input

Basilisk is powered by DC 9V negative center power source.

(5) MIDI output jack

These jacks send same MIDI messages.

(6) MIDI input jack

Basilisk recalls a preset when it receives a PC# (Patch Change Number) via MIDI input jack (Chapter 9).

(7) DOWN / MIDI Channel initialization (hold)

This switch scroll down numbers. When basilisk is standby steady, hold it to setup MIDI channels. (Chapter 4).

(8) Display

User interface.

2- Concept &Terms

PC#: Patch Change Number, available from 0~199, and OFF "--" (send nothing).

CC#: Control Change Number.

Press: A short time switch push less than 2 seconds will be considered as a "press".

Hold: A long time switch push longer than 2 seconds will be considered as "hold".

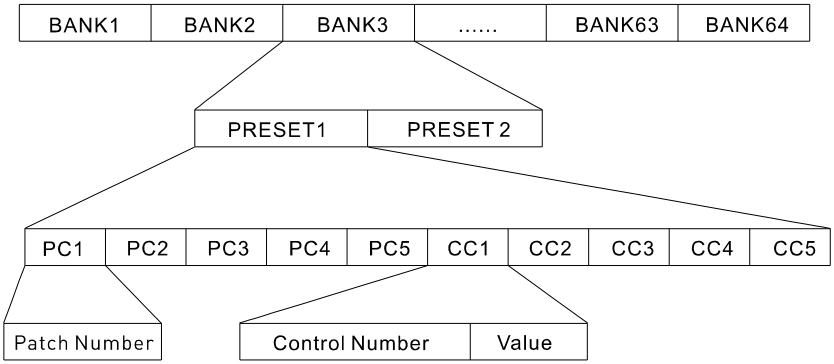
Preset: Preset store PC# and CC#, a preset recall send the stored PC# and CC#.

Bank: Basilisk manage total 128 presets, which are stored in 64 banks, each bank contain 2 presets.

B?/P?: Abbreviation, for example, B2/P2 equals to Bank 2 / Preset 2

Standby Steady: When Basilisk is not being initialized / programmed / setup, or no blinking in normal access mode, the status is Standby Steady.

Hierarchy of Presets



3- Normal Access Mode

This is the default factory access mode when the unit powers on.
Press UP/DOWN switch to change bank and press "1" or "2" to recall preset 1 or 2.
The bank number blinks when it is being changed till a preset is recalled, the midi messages are sent at the same time, in this mode bank and preset number are displayed as below examples.

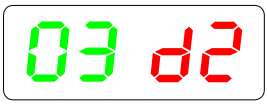
B11 / P2 (NORMAL Access Mode)

B12 / P1 (NORMAL Access Mode)

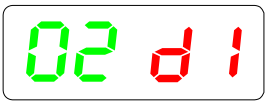
4- Direct Access Mode

In this mode, each press of UP/DOWN switch recalls a preset and send the midi messages immidiately. Press UP/DOWN switch only changes bank number, for example,
If B0/P1 is selected, press UP switch scrolls the bank number to 01,02,03... recalls preset B1/P1, B2/P1, B3/P1... and send the midi message immediately.
If B0/P2 is selected, press UP switch scrolls the bank number to 01,02,03... and recalls preset B1/P2, B2/P2, B3/P2...
The screen displays a "d" character beside the preset numbers.

B3 / P2 in DIRECT Access mode



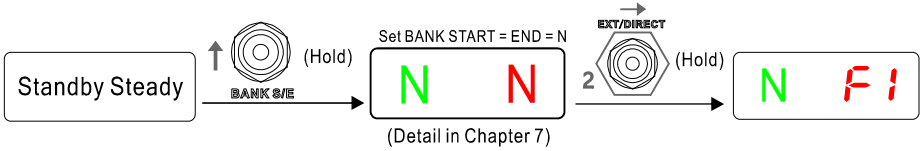
B2 / P1 in DIRECT Access mode



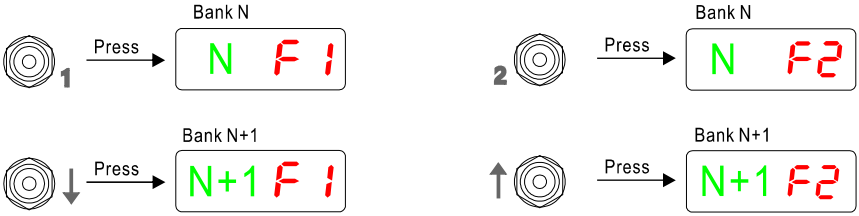
In NORMAL Access mode, hold DIRECT switch to enable DIRECT Access mode.
Hold DIRECT switch again to go back to NORMAL Access mode.

5- Flash Access Mode

In this mode, each footswitch recalls a preset immidiately. The screen display a "F" beside the preset numbers. Set the START BANK equals to END BANK, then exits, Basilisk will work in Flash Access Mode.

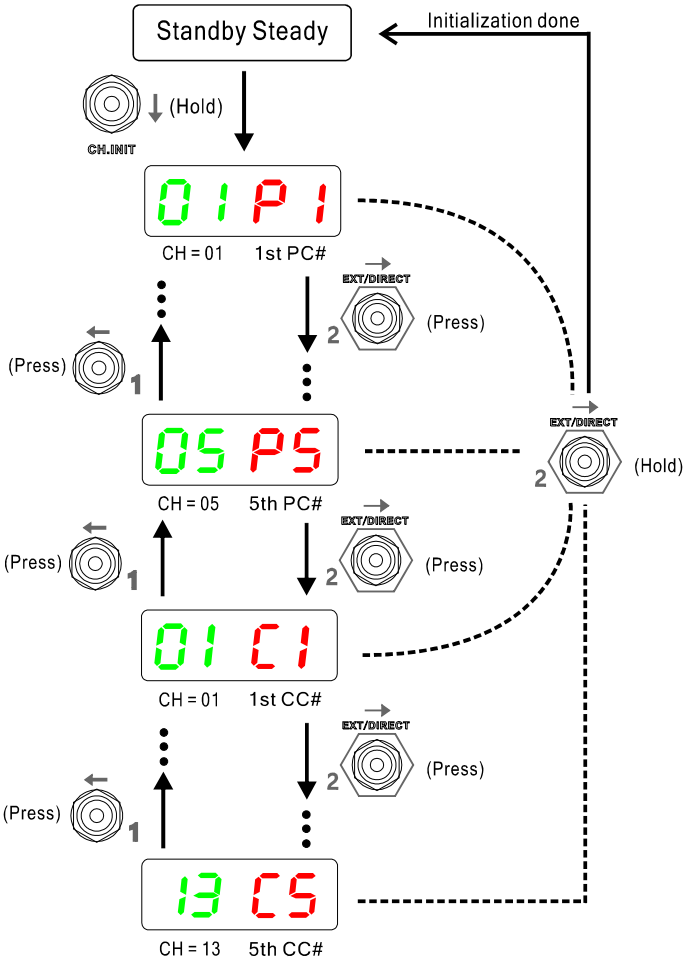


Assume START BANK = END BANK = N, then "1" recalls B"N" P1, "2" recalls B"N" P2, "DN" recalls B"N+1" P1, "UP" recalls B"N+1" P2. See below diagrams.



6- MIDI Output Channel Initialization

When Basilisk is in standby steady, hold "DOWN" switch for 2 seconds it will start the MIDI output channel initialization. Each preset of Basilisk contain 5 PC# and 5 CC#, The initialization starts from the first PC# and ends at the fifth CC#.
Press "UP" switch to scroll up the midi channel,
Press "DOWN" switch to scroll down the midi channel,
Press "2" switch to next PC# or CC# channel setup,
Press "1" switch to previous PC# or CC# channel setup.

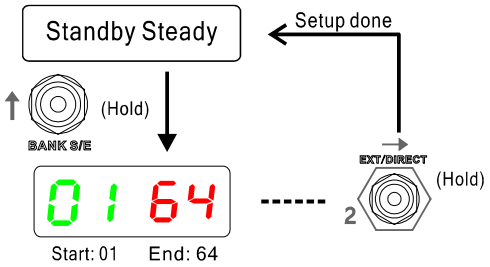


7- Start / End Bank Number Setup

Start / End bank is editable, it allows user to scroll within a less bank number range. When Basilisk is in standby steady, hold the "UP" switch for 2 seconds to enter the Start / End bank setup. The Start bank number on the left side while the End bank number on the right side. The default factory Start bank number is 1, End bank number is 64. Hold "EXIT" switch will get back to standby status. If the start bank number equals to the end bank number, it exits and enters the Flash access mode.

(Note: Start/End Bank setup don't erase the presets, it just setups a range of presets to be accessed)

Press "UP" to scroll up the bank number
Press "DOWN" to scroll down the bank number.
Press "1" to setup the Start bank number,
Press "2" to setup the End bank number.



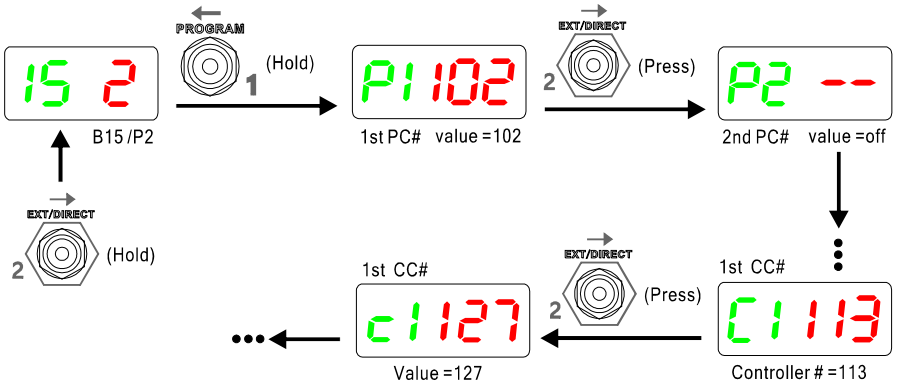
8- Program PC# and CC# of a Preset

When Basilisk is in Normal access or Direct access mode and standby steady, hold "1" switch will start to program the recalled preset, anytime hold "2" switch will return to access mode. Note that the presets in Flash access mode are not programmable.

Press "UP" switch to scroll up the value of PC# or CC#, Press "DOWN" switch to scroll down the value. PC# range is 0~199 or off "--", CC# range is 0~127 or off "--".
Press "2" switch to the next PC# or CC#, press "1" switch to the previous PC# or CC#.

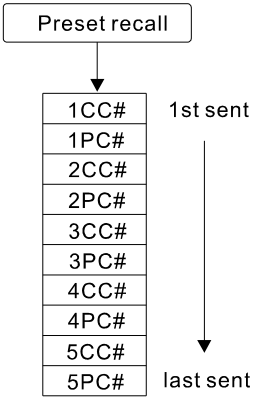
"P1" is the 1st PC#, "P2" is the 2nd PC#... "P5" is the 5th PC#. Each CC# have two bytes, "C" letter in capital is the controller number of CC#, while lowercase "c" is value of CC#.
An example of programming B15/P2 is as below, firstly find bank 15 and recall B15/P2, Hold "1" to start the programming.

Tips: Hold UP/DOWN will continuously/fastly scroll up/down the value.



9- Midi Transmit Sequence

When a preset is recalled, the 5PC# and 5CC# are transmitted by below sequence,



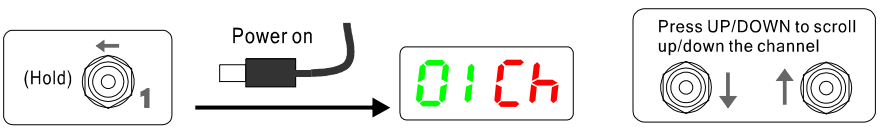
10- Access presets via Input Midi PC#

Basilisk provides capability of accessing the presets by receiving the PC# sent by other midi controllers like One Control Crocodile Tail Loop, this feature expands the midi capability of Crocodile Tail loop.

RX PC# vs Preset Table

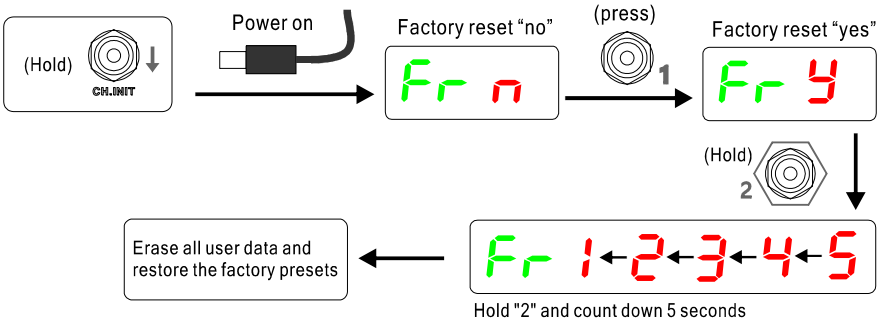
RX PC#	PRESET
00	B1P1
01	B1P2
02	B2P1
03	B2P2
.....	.....
126	B64P1
127	B64P2

The Midi Input channel is editable (1-16, or omni), below diagram shows how to setup the Midi input channel, the factory default midi input channel is "1".



11- Factory Reset

Factory reset restores the factory preset. Warning: all user's data will be erased.
Below diagram shows how to restore the factory preset.



Factory presets					
Access mode	Start bank	End bank	Midi input channel	Midi Channel of 1~5 PC#	Midi Channel of 1~5 CC#
Normal	1	64	1	1~5	1~5

12- Specifications

Dimensions.....109(W) x94(D)X53(H)mm
Weight.....320g
Power Supply.....DC9V
Current Drain .....max. 30mA

13- Typical Connection