

Notice :

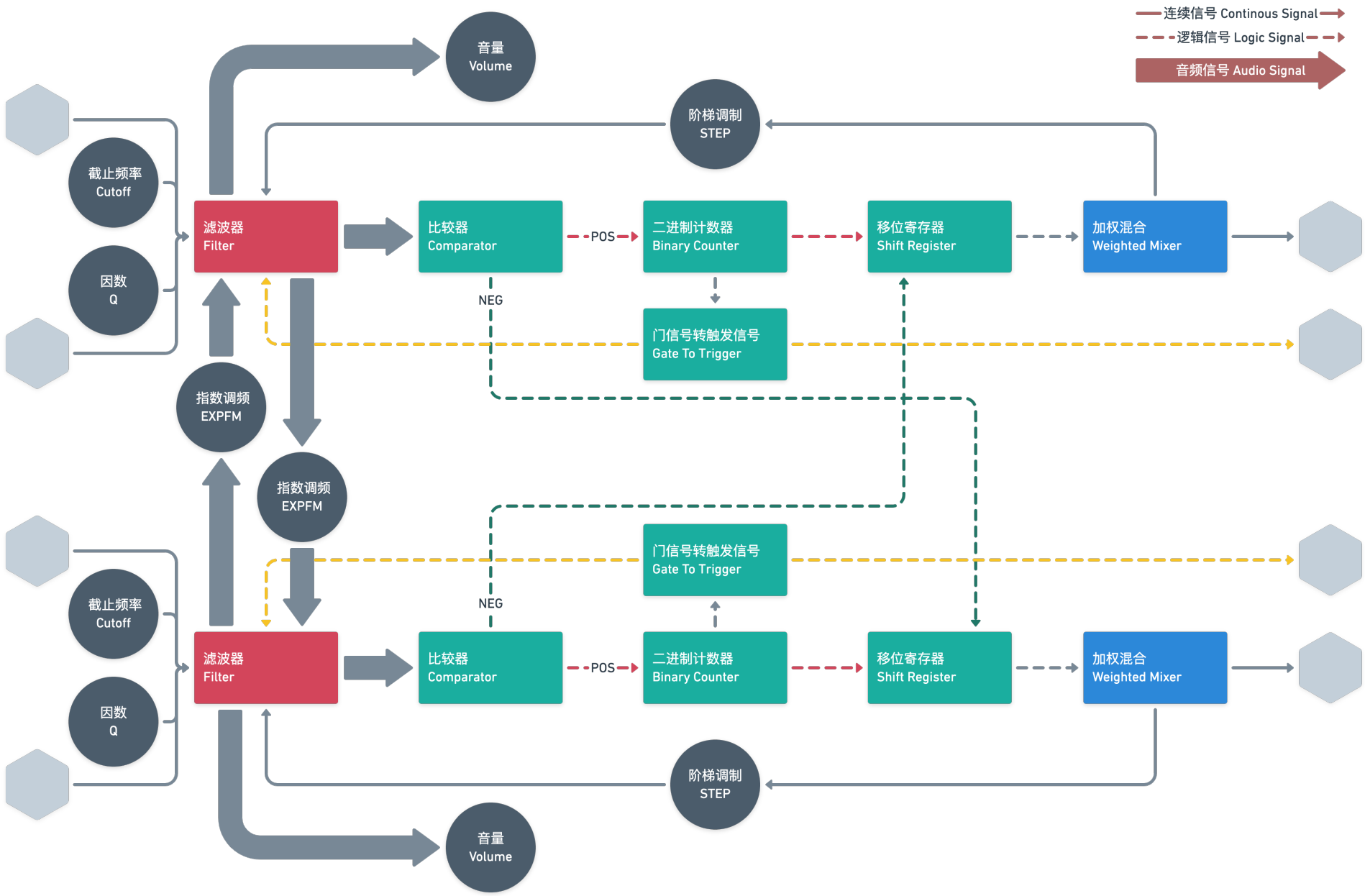
- Beware of high volume bursts of sound when FM is high;
- Beware of high frequency signals;
- Keep away from moisture;
- Indoor use only;

Thank you for purchasing Wing Pinger.

It is a highly chaotic electronic musical instrument with the capability of switching to tonal sound at any time.

Power :

12V Center Positive, 5.5 x 2.1mm DC plug, \cong 0.3A recommend.



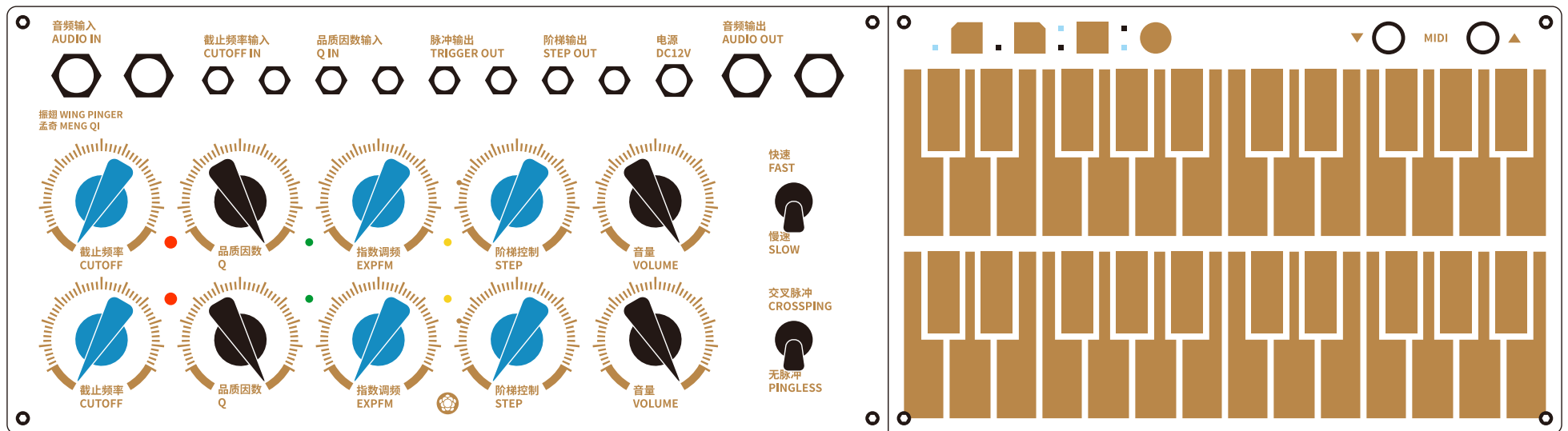
Controls :

All controls are marked except

Cutoff Fine Adjustment

1V/Oct Trimmer

STEP Modulation Trimmer



With **CUTOFF**, **EXPFM** & **STEP** at fully CCW, tune **FINE** to the point of C1.







Keyboard and MIDI input would play chromatic notes.

Adopt this method during performance to switch between tonal and chaos easily, quick and neatly.

Octave :

-   Octave Control LEDs indicate the current octave, on the range of 5 octaves.

Keyboard Modes :

-  Pinging
 -  The keyboard pings the corresponding filter, controls it's pitch, and outputs polyphonic MIDI notes.
-  Pinged
 -  Arpeggiation according to the order that notes are touched, and outputs monophonic MIDI note.
-  Pinged Latched
 -  Same as Pinged Mode and installed with note latch. (Touching after all finger lift will make a new arpeggio)

交叉脉冲
CROSSPING

Both of the Pinged Modes require the pinging switch to be at "CROSSPING" position to work.



无脉冲
PINGLESS

Keyboard Select :

-  Select the current editing keyboard (Octave / Mode)

Calibration :

Make sure the Wing Pinger has been on for at least 15 minutes before calibration.
Connect Wing Pinger to a tuner.

Analog Section :



1. Set **CUTOFF** to middle, adjust **FINE** to G5. **Q** to fully CW (if the filter doesn't self-oscillate, please connect a positive voltage signal to the corresponding Q CV input), and **EXPFM** & **STEP** to fully CCW;
2. Use a 1V voltage source to adjust **1V/Oct Trimmer**;



3. Turn **STEP** to the dot, and adjust **STEP Modulation Trimmer** to C major pentatonic scale;
4. Repeat for the other channel.

Touch Keyboard Section :



1. Set **CUTOFF** to fully CCW, adjust **FINE** to C1;
2. Enter MIDI Input Mode;
3. Use [*Wing Pinger Tools*](#) to adjust each octave point to C;
4. Repeat for the other channel.

Wing Pinger Tools:

A software for Wing Pinger calibration, testing and settings.

[Download for OSX](#)

[Download for WIN](#)

振翅工具
Wing Pinger Tools

使用方法请参考振翅说明书
Please refer to Wing Pinger Manual for operation guide

www.mengqimusic.com

电脑音频设定
Computer Audio Settings

DSP 状态 DSP Status
音频驱动 Audio Driver
Core Audio
音频输出 Audio Output
None
噪音输出 Noise Output
Off
Off

电脑 MIDI 设定
Computer MIDI Settings

MIDI 端口 MIDI Port
IAC 驱动程序 总线 1

使用快捷键
请打开键盘大写输入
To use shortcuts
please turn on CAPSLOCK

从振翅 From Wing Pinger

	C1	C2	C3	C4	C5	C6	C7
频率		568	1147	1717	2314	2920	3555
空格 SPACE	1	2	3	4	5	6	
	Q	W	E	R	T	Y	

从振翅 From Wing Pinger

	C1	C2	C3	C4	C5	C6	C7
频率		568	1147	1717	2314	2920	3555
空格 SPACE	A	S	D	F	G	H	
	Z	X	C	V	B	N	

振翅 MIDI 设定
Wing Pinger MIDI Settings

修改下列参数之前请使振翅进入 MIDI 输入模式
Enter WP MIDI Input mode before editing

MIDI 直通 MIDI Thru

弯音幅度 PB Range
2

MIDI 通道 MIDI Channels
2 入 In
2 出 Out 右 Right

弯音幅度 PB Range
2

MIDI 通道 MIDI Channels
1 入 In
1 出 Out 左 Left

Wing Pinger Resonator:

An M4L plugin designed to be used in a feedback loop with Wing Pinger.

Introduction and tutorial are built-in, hover mouse pointer on "Introduction" or "Manual" to read.

Please experiment with other gears in Wing Pinger's feedback loop.

[Download](#)

振翅共鸣
Wing Pinger Resonator

关闭 Close

介绍 Introduction
说明 Manual

制音位置 Damp Position: 1.57 %
宽度 Gain Width: 39.2 %
偏移 Gain Shift: 69.0 %

音符 Note: 延音最大值 Max Decay: 0.00 ms

用户 User: $W_i = W_0 * (1 + A * i) * B + C$ A: 0.00 B: 0.50 C: 0.00 Hz

20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz 20.0 Hz

65.4 Hz 131 Hz 196 Hz 262 Hz 327 Hz 392 Hz 458 Hz 523 Hz 589 Hz 654 Hz

从振翅 From Wing Pinger

如需在共鸣器前插入效果器, 建立额外音轨并映射于此
To insert effector before Resonator. Use another track and route it here.

Ext. In
No Input

到振翅 To Wing Pinger

纯湿输出 用于回授
Wet Output For Feedback

No Output

0.0 dB

主输出干湿比 Main Output Dry / Wet Mix

0.00 %

mengqimusic.com 77.3 % 24.7 % 19.7 %

65.4 Hz 131 Hz 196 Hz 262 Hz 327 Hz 392 Hz 458 Hz 523 Hz 589 Hz 654 Hz

Patch Notes :

<https://llllllll.co/t/wing-pinger-patch-notes/41589>

It's a place for exchanging patches for Wing Pinger.

Please edit the top wiki post to add the picture & video of your patch.

There is a vector file for computer editing, as well as a patch sheet for printing and drawing.

Find Me :

Website : mengqimusic.com

Bandcamp : mengqi.bandcamp.com

Youtube : youtube.com/c/MengQiMusic

Instagram : instagram.com/mengqimusic

Synthesis Minority (daily synth quotes) : instagram.com/synthesisminority

Thanks to Roy Parvin for writing the Wing Pinger introduction.