

小心反馈与高频声音，保持低音音量开始。
Beware of feedback and high frequencies.
Start with low volume.
敏感元件，保持干燥清洁，避免触摸元件引脚。
Sensitive electronics, keep dry and clean.
Avoid touching solder joints.



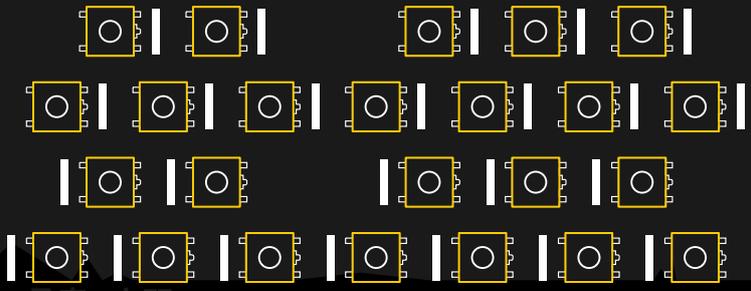
混合
Mix



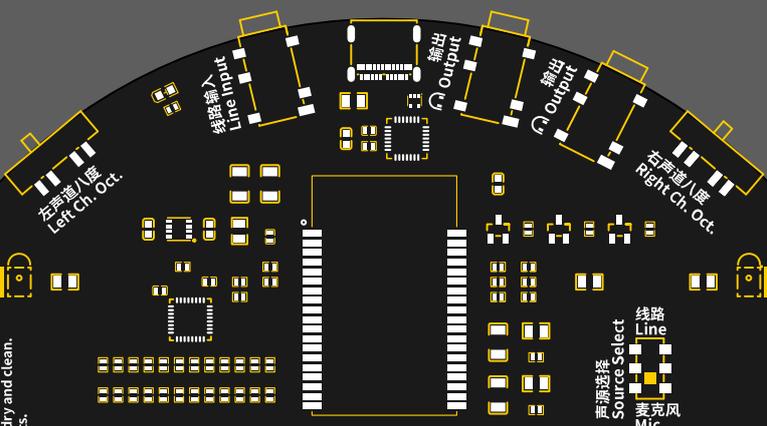
衰减
Decay



音量
Volume



孟奇:小羽
Meng Qi Wingie



Notice:

- **Start from low volume;**
- **Beware of feedback with speakers and headphones;**
- **Wingie is ESD sensitive and is sold without casing;**
- **Keep away from moisture;**
- **Avoid touch chip leads;**
- **DO NOT connect modular synth level signals directly to Wingie;**

(The included anti-static bubblewrap bag can be reused.)

Thank you for purchasing Wingie.

Wingie is a handheld stereo resonator with on-board microphones, that also doubles as a development board. It allows you to interact and enrich sounds from instruments, vocals as well as the sonic environment around you.

Power

Wingie is powered by a USB Type-C cable. You can use a phone charger or a power bank.

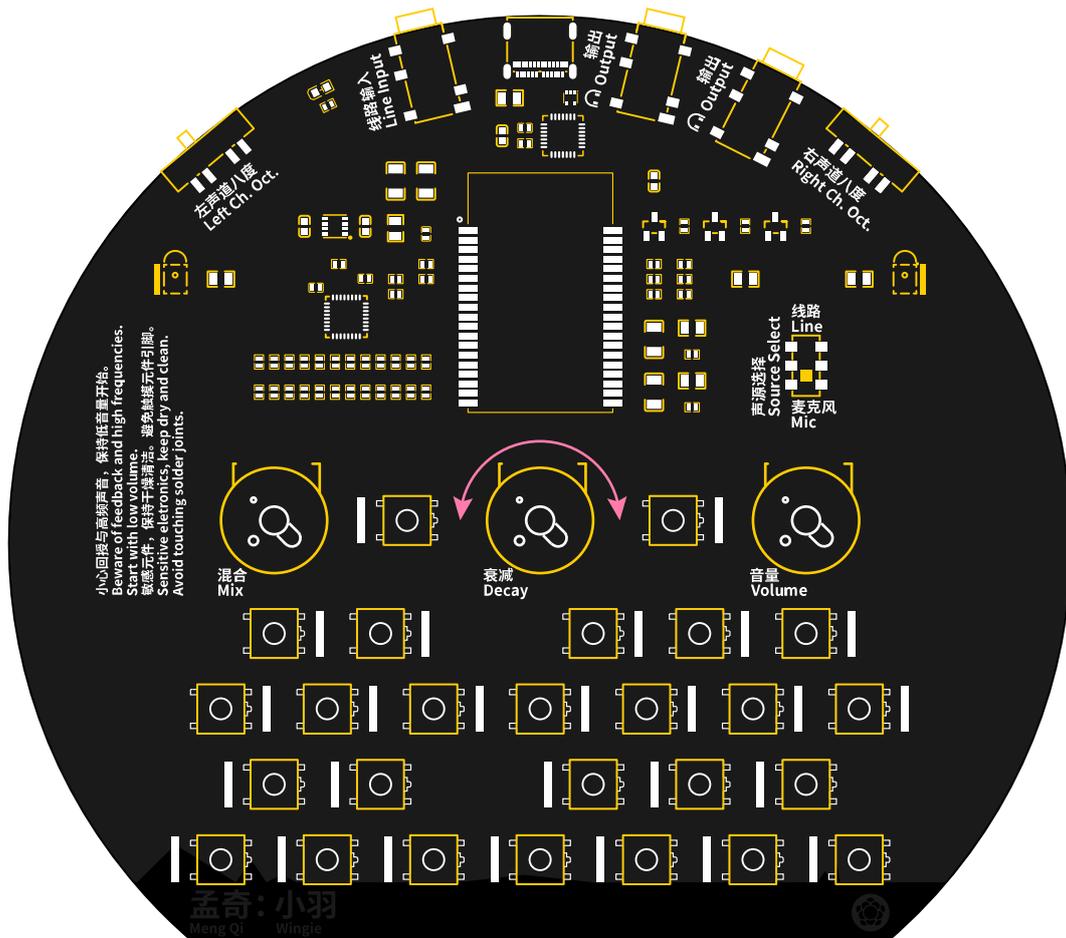
If digital noise appears, try a different power source or a ground loop isolator.

After powering up, there is about 4 seconds fading in from silent to full volume.

Audio Inputs

Mics pick up sounds from air, not vibrations on Wingie. This design minimizes control operation sounds leaked into mics. But it doesn't stop you from playing Wingie as a percussion instrument (or turning any flat surface to an instrument.) Just experiment.

Avoid line inputs that's too hot. You'll know it when line-in signal leaks into input if the sound source is Mic.



The effective dial range is shown above. Most controls are marked. 2 unlabeled buttons between dials are MODE buttons for each channel.

Both MIX and VOLUME dials control pre-resonator signal levels, which allows the decay portion of resonator to complete. Right channel is an octave higher than left channel with identical octave switch position.

Dial Functions	
Mix	Mix dry and wet signal
Decay	Decay of resonators, from 0.15s to around 10s.
Volume	Input volume control

Wingie has 4 modes, cycle through them with the mode buttons.
There is no visual indicator of the current mode, use your ears.

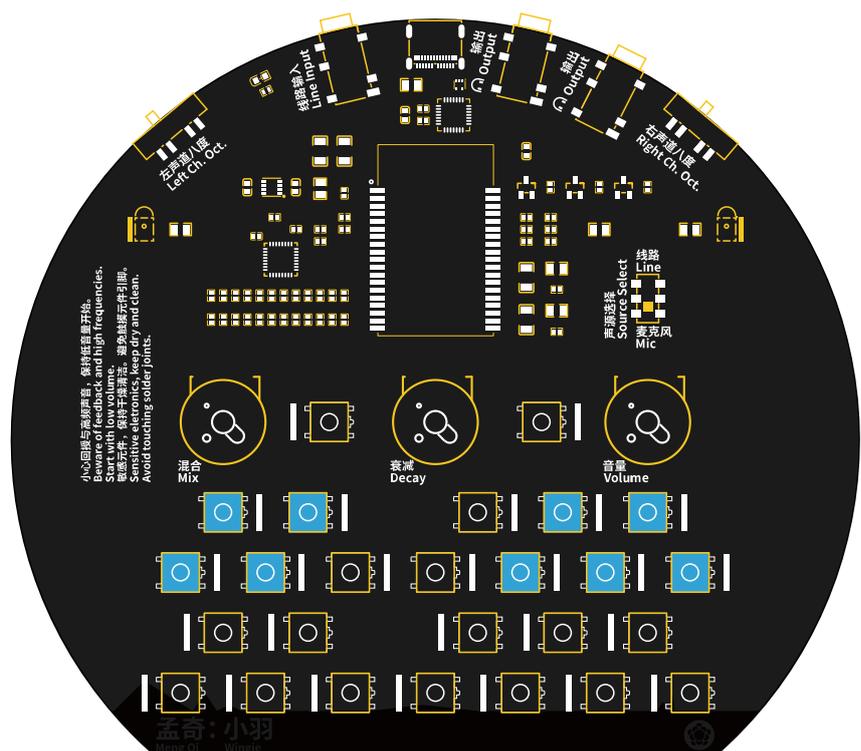
Mode	Polyphony	Note Keyboard	Octave Switch Behavior
Bar	Monophonic	Press multiple notes together to set a sequence.	Instant
String	Monophonic	Step advances when input level passes the threshold.	Instant
Special	Muting	Toggle Mute Status (see pic below)	
Poly	Polyphonic (up to 3 notes)	Cycle through 3 voices.	Affect next played note. Use octave switches to mix notes from different octaves.

Setting tap sequencer threshold : Hold a MODE button and press the keyboard of the corresponding channel : **C** → **B = low** → **high**.

Each channel may have a different threshold setting.
The setting after powering up is the value on E.

Muting keys for
Special mode
(one channel shown)

Cycle through modes
to reset the mute
status.



Playing Tips :

1. Play Wingie as a percussion instrument.
2. Take Wingie out to play with ambient sounds;
3. Use with all sorts of acoustic instrument;
4. Play with feedbacks with speakers;
5. Create feedback with effectors;
6. Use with a drum machine to trigger tap sequencer for note sequences;
7. Use external cardioid mic and line-in to avoid feedback in a live performance;

..... (for you to explore)

Special thanks to Roy Parvin for Wingie description.

Find Me :

Website : mengqimusic.com

Bandcamp : mengqi.bandcamp.com

Youtube : youtube.com/c/MengQiMusic

Instagram: instagram.com/mengqimusic

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