

Hat SPK2

| Example Program

Plays a tone every second for a duration of one second, setting the volume to 6.



```
from m5stack import *
from m5ui import *
from uiflow import *
import time
import hat

setScreenColor(0x111111)

hat_spk2_0 = hat.get(hat.SPEAKER_I2S)

while True:
    hat_spk2_0.playTone(220, 1, volume=6)
    wait(1)
    hat_spk2_0.playTone(247, 1, volume=6)
    wait(1)
    hat_spk2_0.playTone(131, 1, volume=6)
    wait(1)
    wait_ms(2)
```

| API



```
hat_spk2_0.playCloudWAV('', volume=0)
```

- Plays a WAV audio file from a provided cloud URL with adjustable volume.

hat_spk2_0 ▾ Play tone Low A ▾ for 1 ▾ beat volume 0

```
hat_spk2_0.playTone(220, 1, volume=0)
```

- Plays a specified tone (e.g., Low A) for 1 beat, with adjustable volume.

hat_spk2_0 ▾ Play tone frequency 220 ▾ beat 1 ▾ volume 0

```
hat_spk2_0.playTone(220, 1, volume=0)
```

- Plays a tone at a specified frequency (e.g., 220 Hz) for 1 beat, with adjustable volume.

hat_spk2_0 ▾ Play local WAV file Null ▾ volume 0

```
hat_spk2_0 = hat.get(hat.SPEAKER_I2S)
```

- Selects a WAV audio file from local storage to play, with adjustable volume.

hat_spk2_0 ▾ Play local WAV file " " ▾ samplerate 44100 ▾ data format 16Bit ▾ channel left and right ▾ volume 0

```
hat_spk2_0.playWAV('', rate=44100, data_format=hat_spk2_0.F16B, channel=hat_spk2_0.CHN_LR, volume=0)
```

- Plays a specified WAV file with customizable sample rate, data format, channel, and volume.