

Tab5 Speaker

Tab5 Speaker related APIs and example.

Example

Compilation Requirements

- M5Stack board manager version $\geq 3.2.0$
- Board selection = M5Tab5
- M5Unified library version $\geq 0.2.17$
- M5GFX library version $\geq 0.2.22$

cpp

```
1  #include "M5Unified.h"
2
3  void setup()
4  {
5      M5.begin();
6      M5.Display.clear(WHITE);
7      M5.Display.setTextDatum(middle_center);
8      M5.Display.setFont(&fonts::FreeMonoBold24pt7b);
9      M5.Display.setTextSize(1);
10     M5.Display.drawString("Speaker Test", M5.Display.width() / 2, M5.Display.height() / 2);
11 }
12
13 void loop()
14 {
15     M5.Speaker.tone(10000, 60);
16     delay(1000);
17     M5.Speaker.tone(8000, 60);
18     delay(1000);
19     M5.Speaker.tone(6000, 60);
20     delay(1000);
21     M5.Speaker.tone(4000, 60);
22     delay(1000);
23     M5.Speaker.tone(2000, 60);
24     delay(1000);
25 }
```

The example program runs as follows:

[Tab5_Arduino_speaker.mp4](#)

API

The Speaker of Tab5 uses the **Speaker_Class** from the **M5Unified** library. For more related APIs, refer to the documentation below:

- [M5Unified - Speaker Class](#)

