

STATUS

The status light signals with a **continuous yellow light** that the Calliope mini is connected to the power supply. It **flashes** when a program is transferred to the Calliope mini.

BUTTONS

The **buttons A and B** are inputs through which the Calliope mini executes the programmed commands.

BLUETOOTH

This makes it possible to connect the Calliope mini to a tablet or smartphone.

PINS

By touching the **pins 0, 1, 2, or 3** you can also make entries so that the Calliope mini executes commands.

You must touch the **negative pin (-)** with the other hand at the same time in order to close the circuit.

PROCESSOR

The processor is the **heart** of the Calliope mini! It combines all functions with each other and processes all information and commands.

HELLO, CALLIOPE MINI!

5x5 MATRIX

You can display patterns and texts on the **5x5 grid** of red LEDs. The LEDs can send light as well as measure light.

USB

Plug a micro-USB cable into the **USB port** to connect the Calliope mini to a **computer**.

RESET

Use the reset button to **restart** the program on the Calliope mini.

RADIO

You can **wirelessly** send signals from one Calliope mini to another and forward messages.

EXTENSIONS

Grove **connector** for sensors. Simply plug one in and get started!

SPEAKER

You can use the speaker to play **sounds**. The **microphone** can be used as a sensor to measure the volume in the environment.

BATTERY

Connect the cable of your battery holder to the **battery socket**. Now you are mobile!

MOTORPINS

You can connect up to two motors here and then control them with your program.

SENSORS

With the combined position and movement sensor, as well as a compass, you can determine whether the Calliope mini is moving, in which direction it is held, or how it is turned. The temperature and light sensors measure ambient heat and available light.

RGB-LED

The **RGB-LED** can shine in various bright colours. The different colours are mixed using red, green and blue.

