

aspern  
mobil  
**LAB**

aspern  
mobil  
**LAB**

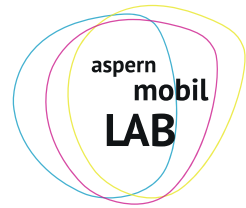


**sensorbox**  
temperature + noise



# sensorbox

temperature + noise



## GSM mobile network

sends data every 20 minutes (temperature, average-dB, last position, status) to the DATAhub.

## Battery

lasts approx. 7 days

## Micro USB socket

for charging

## GPS module

gets the position of the sensor every 6 hours, if the sensor is outside.

## Microphone







measures the noise level twice a second and calculates the average noise level continuously.

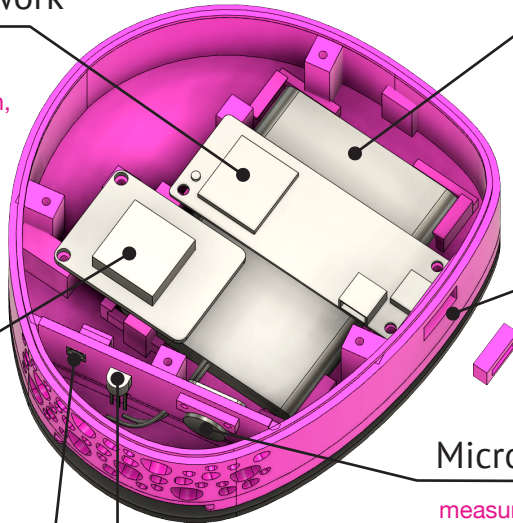
## Thermometer

measures temperature every 20 minutes. The box should be placed in a shady location.

## Status LED

flashes approx. every 10 sec.

-  white: box is active
-  blue: no valid GPS signal
-  pink: no GSM connection
-  red: low battery
-  yellow: batter is charging
-  green: battery is fully charged



## Further information

[www.mobillab.wien](http://www.mobillab.wien)


### Contact:

Gerfried Mikusch  
[gerfried.mikusch@mobillab.wien](mailto:gerfried.mikusch@mobillab.wien)

processed by:



funded by:

 Bundesministerium  
Klimaschutz, Umwelt,  
Energie, Mobilität,  
Innovation und Technologie