Emotional Sensor

User's Guide

Customer Support

http://www.happy-electronics.eu/

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Content

Introduction

Congratulations on purchasing our Skin response emotional sensor – the ultimate device which allows you to check your emotional reaction, however invisible it might be, on any stimuli. This guide will help you set up and operate the device.

Requirements

- Android 3.2 or higher that supoorts USB OTG
- or a Windows PC

Package content

- The sensor with USB connector
- USB/microUSB OTG connecting cable
- Users guide

Advice and warnings

- To ensure proper functioning, keep the device clean.
- Protect the device from fire, water and extreme temperatures.
- Handle the sensors carefully; they are not designed to resist any brutal strength.
- The Sensor is not made of any health damaging materials.
- The device was carefully tested, it cannot hurt you while using it.
- The package of the Emotional Sensor is recyclable and must be handled in accordance with local laws.
- All unrecyclable parts of the Emotional Sensor or the package must be handled in accordance with local laws.
- Keep the device out of reach of children.
- Don't keep the devices connected, if you're not using it.
- More information and all the guides are to find here: *https://www.happy-electronics.eu/support/skin-response-biofeedback/*

First start

a) Using the Sensor with the Emet application

- Download the Emet application from Google Play and run it.
- Connect the Sensor to your Android device via delivered cable.
- Fix the sensors on your palm or fingers (ideally two) as shown below.
- Allow the app to access the USB device. No internet connection is required; the "status" online or offline means whether the sensor is connected correctly or not. It

has to be online in order to work, you can turn the app on and off several times until it switches to online.

- Click on the triangle in the top right corner to start.
- Now you can see your skin resistance; it can take up to 10 second until a reaction on certain stimuli displays.
- Increase in the skin resistance shown in ohms means improvement, moving to relaxed state, decrease means moving towards stress. If you are calm, the line remains horizontal.

b) Using the Sensor with GSR Studio

- Download the GSR Studio program from https://www.happy-electronics.eu/downloads/ to your computer.
- Run the program and connect the Sensor to the computer directly via USB.
- If the Sensor is connected correctly, you'll see a green icon in the bottom left corner.
- Fix the sensors as shown below.
- Click on File → New to create a new session. Once it is created, the measurement begins.
- Increase in the skin resistance (shown in ohms by default, but you can switch to Siemens if you like) means improvement, moving to relaxed state, decrease means moving towards stress. If you are calm, the line remains horizontal.
- When you are done, you can click on File → Save as to save the file for further evaluation and comparison.
- By double clicking the session window, you open a dialogue for adding notes.
- By right clicking the session window, you open a context window with more settings and functions.
- For more information, see https://www.happy-electronics.eu/support/support-gsrstudio-software/

If all is connected corectly, the red diode lights

Fix the sensor one of these ways