FEATURES

> Electrocardiography (ECG)
> Electrodermal Activity (EDA)
> Light (LUX) Sensor
> Pushbutton (BTN) Sensor
> Respiration (PZT) Sensor
> Pre-assembled Bundle
> Easy-to-wear
> Plug & Play
> Raw data acquisition
> Battery charger
> Affordable

APPLICATIONS

Pre-assembled bundle designed for basic psychophysiology data acquisition, complete with all the accessories needed to start working. This model is fitted with Bluetooth communication and can be used in different research fields, such as:

> Neurosciences
> Neurofeedback
> Behavioral disorders
> Neurophysiology studies
> Psychophysiology
> Emotion Recognition

SPECIFICATIONS

1x Pre-Assembled BITalino Core BT (MCU+BT+PWR)
1x Complete Electrocardiography (ECG) Sensor
1x Complete Electrodermal Activity (EDA) Sensor
1x Complete Light (LUX) Sensor
1x Complete Pushbutton (BTN) Sensor
1x Respiration (PZT) Sensor
1x Pulse Sensor
1x Complete Light-Emitting Diode (LED) Actuator
1x 3D Printed Casing for (r)evolution Plugged
1x Li-Po Battery 500mAh
1x Pre-Gelled Self-Adhesive Disposable Ag/AgCl Electrodes (Pack: 25)
1x USB Charging Cable for BITalino
1x BITalino-proven Bluetooth Dongle

GENERAL DESCRIPTION

PsychoBIT is designed for everyone who wants to study the interactions between mental (psyche) and physical (physiological) processes, i.e. mind & body relationship through physiological signals. This bundle allows basic psychophysiology data acquisition, through the combination of ECG and EDA data acquisition. This bundle is completely assembled with our 3D Printed Casing for BITalino (r)evolution Plugged making it more convenient to use, wearable, sharable & transportable. The core of our PhsycoBIT is our BITalino (r)evolution Plugged.

Fig. 1. PsychoBIT bundle