

BITalino (r)evolution PsychoBIT Bundle Data Sheet

BUNDLE-REV-PSYCHOBIT-BT 061120

SPECIFICATIONS

- > **Assembled:**
- > [BITalino Core BT](#)
- > [Electrocardiography \(ECG\) Sensor](#)
- > [Electrodermal Activity \(EDA\) Sensor](#)
- > [Light \(LUX\) Sensor](#)
- > [Pushbutton \(BTN\) Sensor](#)
- > [Light-Emitting Diode \(LED\) Actuator](#)
- > [Respiration \(PZT\) Sensor](#)
- > [PulseSensor](#)

FEATURES

- > Allows basic psychophysiology data acquisition
- > Easy to wear
- > Plug & play design
- > Raw data acquisition
- > On-board battery charger
- > Affordable

APPLICATIONS

- > Human-Computer Interaction
- > Biometrics
- > Affective computing
- > Physiology studies
- > Psychophysiology
- > Biofeedback
- > Biomedical devices prototyping

GENERAL DESCRIPTION

The BITalino PsychoBIT is designed for basic psychophysiological data acquisition such as pulse, blood pressure, respiration, and skin conductivity, complete with all the accessories needed to start working. 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 PsychoBIT is our BITalino (r)evolution Plugged.



Fig. 1 PsychoBIT BT bundle.

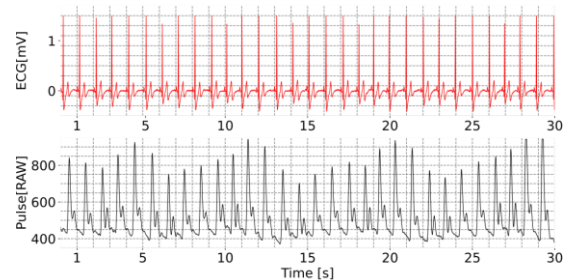


Fig. 2 PsychoBIT Signal Samples: ECG and Pulse.

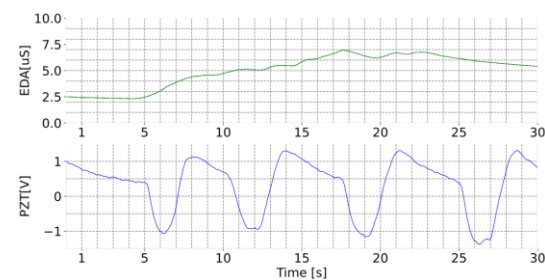


Fig. 3 PsychoBIT Signal Samples: EDA and PZT.

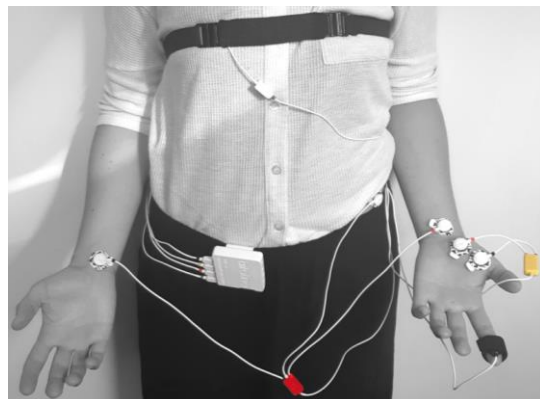


Fig. 4 Example of the PsychoBIT sensors placement with ECG, Pulse, PZT, and EDA sensor.

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REV B

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BEWARE: DIRECT OR INDIRECT COUPLING TO THE MAINS MAY RESULT IN SHOCKING HAZARD



BITalino (r)evolution PsychoBIT

Bundle Data Sheet

BUNDLE-REV-PSYCHOBIT-BT 061120

TRANSFER FUNCTION

[ECG datasheet](#)

[EDA datasheet](#)

[PZT datasheet](#)

PHYSICAL CHARACTERISTICS

[BITalino Core BT](#)

PACKAGING

Weight: 200g (sensors and core)

ORDERING GUIDE

Part #	Description
BUNDLE-REV-PSYCHOBIT-BT	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.