FEATURES
> Electrocardiography (ECG)
> Assembled ECG sensor
> Pre-assembled Bundle
> Easy-to-use
> Plug & Play
> Raw data acquisition
> Battery charger
> Affordable

APPLICATIONS
HeartBIT is a pre-assembled bundle specially designed (non-exclusively) for students, researchers, and teachers who look up for Electrocardiography (ECG) and Photoplethysmography (PPG) data acquisition. It can be very useful in different areas such as:

> Heart rate & heart rate variability
> Human-Computer Interaction
> Biometrics
> Affective computing
> Physiology studies
> Psychophysiology
> Biofeedback
> Biomedical devices prototyping

SPECIFICATIONS
1x Pre-Assembled BITalino Core BT (MCU+BT+PWR)
1x Complete Electrocardiography (ECG) Sensor with 50 cm leads
1x Pulse Sensor UC-E6
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
The BITalino HeartBIT bundle is designed for everyone who wants to measure cardiac activity measurements (e.g. heart rate & heart rate variability) by evaluating electrocardiography (ECG) signals. 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 MuscleBIT is our BITalino Core BT allowing the user to connect more sensors in the future if convenient. The bundle includes complete assembled ECG sensor with 50 cm lead and one basic pulse sensor for photoplethysmography complete with all the accessories to facilitate placement at the fingertip or ear lobe. Our cross-platform OpenSignals software enables instant data visualization and recording.

Fig. 1. HeartBIT bundle

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