

Electrocardiography (ECG) Assembled Sensor Data Sheet

BUNDLE-ECG-UCE6 280920

SPECIFICATIONS

- > Pre-assembled [Electrocardiography \(ECG\)](#) sensor
- > Single cable connection

FEATURES

- > Allows basic ECG data acquisition
- > Easy to wear
- > Plug & play design
- > Raw data acquisition

APPLICATIONS

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

GENERAL DESCRIPTION

The BITalino assembled ECG sensor is designed for everyone who wants to measure cardiac activity by evaluating 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 Assembled ECG Sensors with assembled 3-lead electrode cable allow repeatedly accurate & fast measurements.

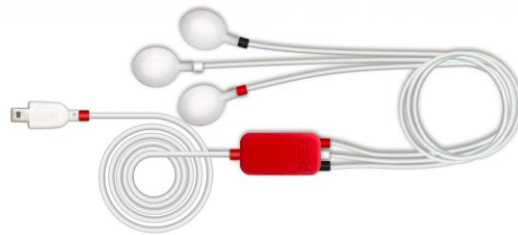


Fig. 1. Assembled ECG sensor – top view.



Fig. 2. Assembled ECG sensor – from the inside.

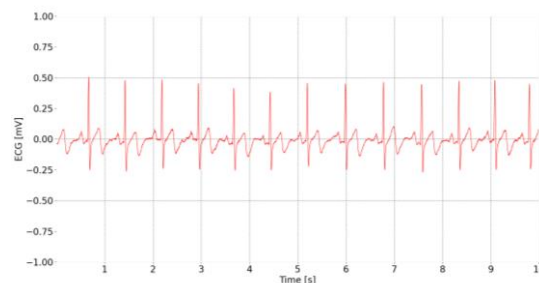


Fig. 3. Typical raw ECG data (acquired with BITalino (r)evolution) using an Einthoven triangle configuration for Lead I measured from the right arm to the left arm.



Fig. 4. Example of an assembled ECG placement with IN+ & IN- on the collarbones acc. to Einthoven Lead I from right arm to left arm and REF on the iliac crest.

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



Electrocardiography (ECG) Assembled Sensor Data Sheet

TRANSFER FUNCTION

[ECG datasheet](#)

PHYSICAL CHARACTERISTICS

[ECG datasheet](#)

PACKAGING

Weight: 19 g

ORDERING GUIDE

Part #	Description
BUNDLE-ECG- UCE6	Pre-assembled sensor for cardiac activity measurement.