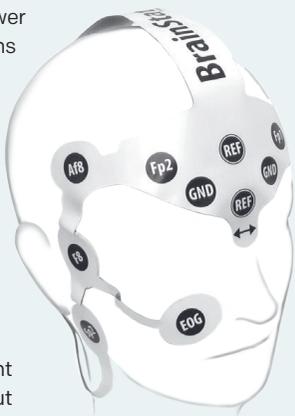


**Brain-related injuries** and dysfunctions cause high costs to society. In emergency first response, early objective assessment of an unconscious patient is highly desirable to optimise treatment paths and improve treatment outcome. The earlier the assessment, the better the results.

**BrainStatus** is a novel EEG electrode, made to answer the diagnostics problems in emergency dispatch and other applications which require fast and easy EEG readouts. Brain-Status is disposable, and unlike traditional headbands, it's placed on the hairless area on the patient's head. This makes proper placement easier and faster, without moving the patient's head.



# Bittium

Connectivity  
to be trusted.

**Bittium** is a trusted Nordic company with over 30 years of expertise in advanced radio communication technologies and biosignal processing. The company creates connectivity solutions for reliable, secure communications, and provides medical technology solutions in biosignals measuring.

**Bittium offers** medical technology in biosignals measuring and monitoring for cardiology, neurophysiology, neuroscience, rehabilitation, occupational health and sports medicine. Bittium develops cutting-edge technology for cardiac applications such as holtering, cardiac telemetry and cardiac rehabilitation, as well as high-end EEG solutions for TMS-EEG and fMRI-EEG applications, remote monitoring EEG applications, and emergency EEG applications. The products meet European Union medical CE requirements and the company's quality system meets ISO 9001, ISO 13485 directive MDD 93/42/EEC requirements.

### Medical Products

- BrainStatus
- NeurOne
- Faros
- Cardiac Rehabilitation system



FOR MORE INFORMATION, PLEASE CONTACT:  
[medical@bittium.com](mailto:medical@bittium.com)  
[www.bittium.com](http://www.bittium.com)

Copyright © 2017 Bittium. All rights reserved.

# EEG Has Never Been this Easy

BrainStatus



# Bittium

# Fast and Easy Brain Monitoring for Emergency and ICU

## BRAINSTATUS

  
**Disposable**  
sub-hairline  
electrode

  
**16 channels**

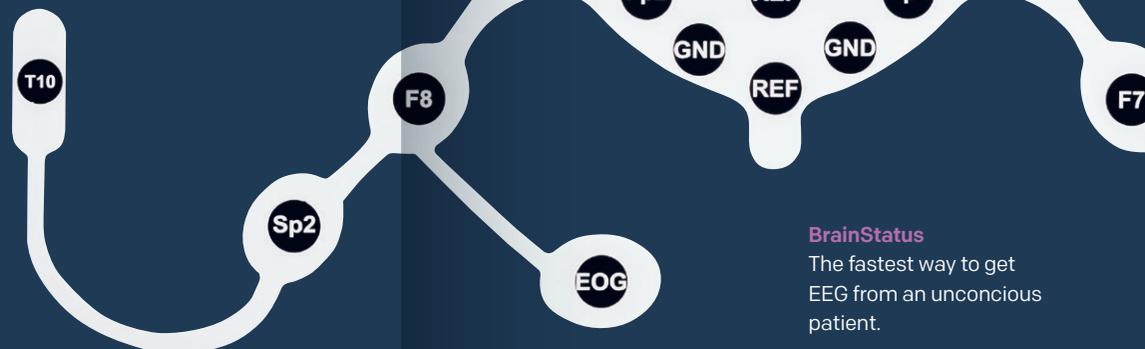
  
**24 bit**  
sampling

  
**80 gram**  
weight

  
**Offline**  
SD card slot

  
**Online**  
WiFi & Bluetooth

  
**Wireless**  
charging



**BrainStatus**  
The fastest way to get  
EEG from an unconscious  
patient.

# BrainStatus

## Advantages

**Studies carried out** at Kuopio University Hospital have raised the following key advantages for BrainStatus:

- Enables reliable quick diagnostics
- Speeds up significantly the recording process as there is no need for any pre-treatment of the patient's skin
- The electrodes get automatically placed in their correct places because the headband is flexible and solid
- There is no need to move the patient's head when putting on the BrainStatus electrode set

Due to the fact that the electrode set is easy and fast to use, it is particularly well-suited to be used in emergency care, in ambulances and even in field conditions.

## Key Facts

- Very easy electrode setup, EEG readings in a couple of minutes
- Universal cable set with connectivity to all major EEG devices
- Hygienic single-pack with usage instructions