

enobio^{NE®}

ROBUST
PRECISE
WIRELESS
EEG

Available
with 8 or 20
channels



EEG Device

Mobile brain signal sensing

Applications

- > Brain Computer Interface
- > Medical applications
- > Basic research
- > User affective state
- > Neurofeedback training

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ROBUST PRECISE WIRELESS EEG

Signals you can trust

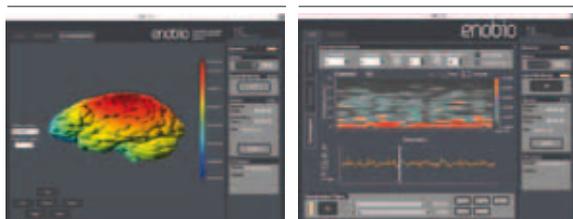
- Faithful reproduction of the EEG, EOG, and EMG signal
- Get the reliability of a wired system without the wires

Quality EEG made easy

- Start recording in less than one minute
- Easily visualize and manage your data
- Record where and when you want
- Available with wet or dry electrodes

Advanced Development Tools

- Work with raw data
- Full API to build your own applications
- Safeguard and organize your research
- Visualize time-frequency 2D/3D features in real time (power spectrum, spectrogram...)



3D visualization

Spectrogram



Easy channel labeling

Power spectrum

Number of channels:
8 or 20 channels

Bandwidth:
0 to 250 Hz

Sampling rate:
500 SPS

Resolution:
24 bits – 0,05 uV

Noise
< 1 uV rms from 0 to 250 Hz.

Common mode rejection ratio:
- 115 dB

Communication:
Bluetooth 2.1

Output:
EDF+, ASCII data files or
TCP/IP raw data streaming

Operating time:
16 hours

Dimensions:
60 x 85 x 20 mm

Weight:
65 g

Artefact resilience:
Yes

DC coupled:
Yes, measurement band from
0 to 250 Hz.

**Accelerometer Data
Recording:**
3 axis at 100 SPS (optional)

MicroSD card interface:
Holter mode data storage
(optional)

Operating system:
Windows 7, Windows Vista,
Windows XP, MAC OS X