

## Compact wireless EEG amplifier



- ✓ Available with 8, 16, 32 or 64 channels
- ✓ Outstanding signal quality
- ✓ Ultra lightweight and compact
- ✓ Flexible and expandable
- ✓ Integrated accelerometer
- ✓ Electrode options:  
passive - active - active dry - sponge - solid gel



## Technical specifications

- ✓ Wireless amplifier
- ✓ Range: up to 30 meters
- ✓ Stream data or store on SD card
- ✓ Referential EEG channels only or referential EEG + 8 bipolar channels
- ✓ Compatible electrode types: passive - active - active dry - sponge - solid gel
- ✓ Sensor extension options available
- ✓ Sampling rate: up to 1000 Hz
- ✓ A/D conversion: 24 bit
- ✓ Operating range:  $\pm 342$  mV
- ✓ Resolution: 40.7 nV per bit
- ✓ Noise: less than  $2\mu\text{Vpp}$  from 0.01–65 Hz
- ✓ CMRR: more than 80 dB (at 50/60 Hz)
- ✓ Built-in 3-axis accelerometer
- ✓ Built-in TTL Trigger
- ✓ Wireless Trigger available: option for wireless recording of event markers in EEG data
- ✓ Uninterrupted recording time: 4 hours (can be extended to over 16 hours)
- ✓ Weight: less than 60 grams
- ✓ Dimensions: approx. 83 x 51 x 14 mm

