

COGNIONICS WEARABLE EEG HEADBAND

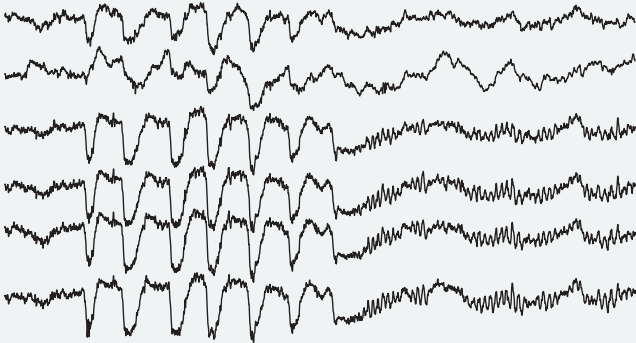


- Lightweight headband with up to 8 channels
- Elastic, comfortable and easy to put on
- Research grade signal quality with 24-bit resolution
- Full feature set with online impedance monitoring and open data specification
- Works on the forehead and through hair
- Compatible with Cognionics Drypad and Flex sensors

High-Resolution EEG Signals

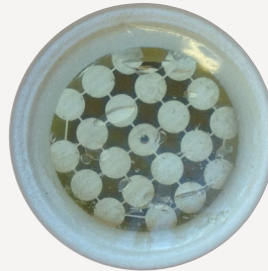
Eye Blinks

Eyes Closed



Sample data from 6-channel cap with Cognionics pad sensors on the forehead and flexible dry electrodes through hair.

Portable and Easy to Use



Pad sensor for direct skin contact



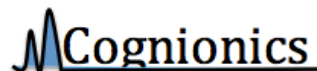
Flexible dry electrode for through hair

Cognionics has developed a new generation of portable EEG systems. The headband uses the same technology as our high density headsets but in a slim and wearable package.

- ✓ Provides sensor coverage on both the forehead and areas covered by hair
- ✓ Novel, patent-pending dry electrodes offer high quality, low-noise recordings
- ✓ Simple to use, fast to put on without assistance
- ✓ Highest quality amplifiers and digitizers, no compromises on performance
- ✓ User configurable with up to 8 channels

Supported Positions	Fp1, Fp2, F7, F8, T3, T4, T5, T6, O1, O2, Oz
Reference/Ground	User specified from above or with ear clip
Resolution	24-bits, simultaneously sampled
Sample Rate	500 Hz
Wireless	Bluetooth v2.1 RFCOMM
Bandwidth	0-70 Hz, true DC recordings
Noise	0.7 μ V RMS from 1-70 Hz, shorted inputs
Power	1x AAA, 4+ hours streaming
Impedance Check	Online, continuous in background
Triggering	Add-on receiver option
Weight	50 g including batteries

For Information, Help and Pricing:

 Cognionics

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Cognionics systems are for research use only with approved IRB.
Data should never be used for medical diagnosis.