



Emotiv Insight

Brain Activity Tracker

A sleek, 5 channel, wireless headset that records and translates your brainwaves into meaningful data you can understand.



Emotiv Insight is the only device on the market that offers 5 EEG + 2 reference sensors for a higher spatial resolution that provides you with more in depth information on your brain activity.

Optimize, Measure & Create

- Optimize your brain fitness and performance.
- Measure you or your family's cognitive health and wellbeing.
- Create amazing applications with our APIs and analysis tools.

Detect Performance

Insight measures and tracks your Attention, Focus, Engagement, Interest, Excitement, Affinity, Relaxation and Stress levels.

Detect Mental Commands

Insight deciphers basic mental commands such as push, pull, levitate, rotate and hard to visualize commands such as disappear.

Detect Facial Expressions

Insight detects facial expressions such as blinks, winks, frown, surprise, clench and smile.

Sensor Technology

Insight uses a proprietary polymer sensor that offers great electrical conductivity without any preparation whatsoever.

Advanced Electronics

Insight uses advanced electronics that are optimized to produce clean, robust signals during everyday use.

Compatibility

Insight is compatible with Mac, Android, and Windows Platforms. iOS and Linux coming soon.

Technical Specifications

Signals

5 channels: AF3, AF4, T7, T8, Pz
2 references: Left Mastoid Process

Battery

Internal Lithium Polymer battery
480mAh, 4 hours minimum run time

Wireless Data transmission

Bluetooth 4.0 LE
Proprietary wireless, 2.4GHz band

Motion Sensor

9 axis sensor (3x gyro, 3x accelerometer, 3x magnetometer)

Signal Resolution

Data transmission rate:
128 or 256 samples per second per channel

Minimum voltage resolution:
0.51 uV least significant bit

Frequency response: 0.5-43Hz

EMOTIV

Mission

Empower individuals to understand their own brain and accelerate brain research globally.

Founded

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More Information

hello@emotiv.com
www.emotiv.com

Social Media

[@emotiv](https://twitter.com/emotiv)
facebook.com/emotiv