



## New improved EEG headband

For concentration - and relaxing exercises



### MindCap XL

The MindCap XL is an EEG headband form factor for sports, research, development and all neurofeedback purposes using NeuroSky's powerful TGAM chipset. It is a specially tailored band with a mounting system at the sides and front for sensors and Bluetooth radio. The use of an adjustable band makes it suitable for all head sizes (kids, youths, adults).

With the MindCap XL and neurofeedback training software, you are able to build up your ability to concentrate, focus and relax. The band's sensor measures the brain's electrical activity and transfers the data readout via Bluetooth to a computer, laptop, tablet or smartphone.

The high quality and reliability of the brainwave signal is based on NeuroSky's TGAM chipset – the biosensor chip that revolutionized the industry.

There are dozens of training apps already available in our app store. The MindCap XL includes only the installation software.

New and improved version!

The MindCap XL is now available as a new and optimized edition. It now not only supports Windows and Mac but also Android and iOS – to use the MindCap XL on tablets and smartphones.

## How does the MindCap XL work?

### Function

The MindCap XL features sensors on the forehead and at the earlobe to measure EEG data (electrical activity of the brain). All required software can be installed to a computer, laptop, tablet or smartphone directly. The MindCap XL transmits EEG data via a Bluetooth interface to the user's device.

It safely measures brainwave signals and monitors the attention and relaxation levels while interacting with the different exercises and games.

### Features

- Uses the TGAM EEG module
- Bluetooth radio, PC, Mac, iOS and Android compatible
- Lithium-ion rechargeable battery, connected to a USB cable port
- Static Headset ID (headsets have a unique MAC address for pairing purposes)

#### New Features

- Improved earclip for better fit
- iOS and Android support
- Improved Bluetooth connectivity
- 7 to 8 hours battery time

#### Measured:

- Raw brainwave data
- Processing and output of EEG power spectrums (Alpha, Beta, etc.)
- Processing and output of NeuroSky proprietary eSense meter for attention, meditation, eyeblink detection, and other future meters
- EEG signal quality analysis (can be used to detect poor contact and whether the device is off the head)

### Overview of all components



1. Headband with sensors and connection cable
2. USB charging cable
3. Main unit
4. Earclip with connection cable