

Digital TDCS

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Transcranial direct current stimulation is a form of neuromodulation that uses constant, low direct current delivered via electrodes positioned along the scalp, producing immediate and lasting changes in brain function. Liv digital TDCS is a perfect combination of simplicity and functionality and is incredibly user friendly. It is well designed with synchronized and optically isolated 8 channel EEG bring in complete solution for reaseach and clinical applications. It has all the necessary features you look for in a neurodiagnostic device and that is why is recommended by professionals and used by leading universities.



Low battery sign



Overload protection



Auto safety shut-off



Session timer



USB/wireless amplifier

We care about your health!

Specification

EEG Unit

- EEG channels: 8
- Trigger box: 16 TTL
- Input range: 5000 uv p-p
- Input noise: 100 nV RMS
- Input impedance: > 1000 Mohm
- Frequency band: 0 - 1000 Hz
- Sampling rate: Up to 2000 Hz
- Impedance check: yes
- Stimulus: TDCS
- Dimensions: 30 × 155 × 220 mm
- Weight: ~ 700g

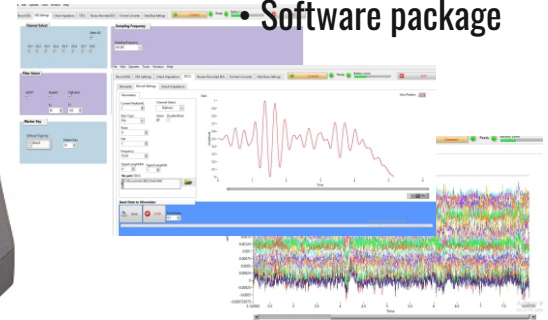
Digital TDCS Unit

- TDCS channels: 2
- Max output current: 5000 mA, D
- Max output voltage: 12V, $\pm 2\%$
- Selectable Current Levels: 24 bit D/A, 1MSP
- Accuracy: $\pm 2\%$
- Power supply: 12V lithium ion batteries
- Battery lifetime: 10 hours



Digital TDCS accessories

- Safety bag
- Consumables
- Software package



24 bit DAQ

8 channel EEG

Wireless / lite version