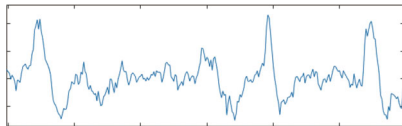


# Teleopt<sup>α</sup> ELG

## EEG Logger set with integrated optogenetics



TeleoptELG can perform both EEG recording and optogenetic stimulation simultaneously in wireless manner. This product is a fusion of our established two technologies, Teleopto and ELG-2.

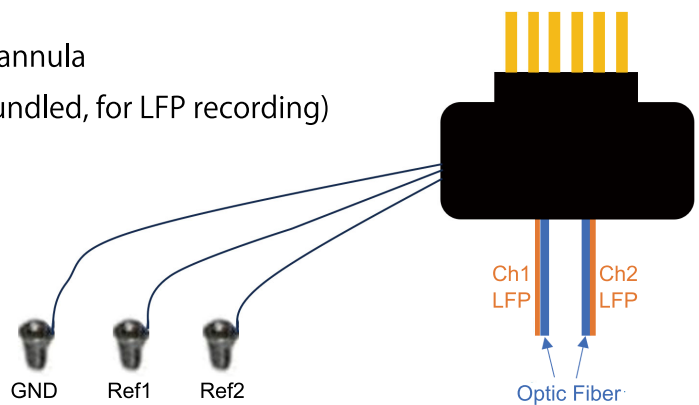
- Extra small and extra light. 2g in the smallest model.
- For mice, rats, marmosets etc.
- Battery integrated, can be recharged and reused.
- Recording duration: 12 h in 2g type / 25 h in 3g type (no stim)
- 2ch differential biopotential (EEG & EMG / LFP 2ch / etc.)
- Data is stored in micro SD card.
- Viewer software included.
- Data Export software included (TXT / EDF format)
- Stimulation timing can be remotely controlled by a remote controller.
- Customizable electrode / opto-electrode.

ex: EEG & EMG electrode with an integrated LED cannula

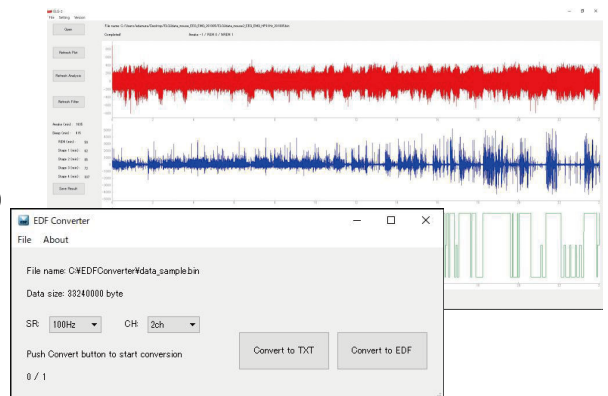
Dual opto-electrode (electrode and fiber are bundled, for LFP recording)



2g type logger with dual opto-electrode (side)



An example of opto-electrode



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