

Materials List for

# Recording Brain Activity with Ear-Electroencephalography

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## URL

jove.com/video/64897

## Materials

Name	Company	Catalog Number	Comments
Abrasive gel: Abralyt HiCl	easycap GmbH, Germany		
AFEx app	University of Oldenburg, Germany		for our exemplary data recording, open-source: <a href="https://zenodo.org/record/5814670#.Y0AavXZByUk">https://zenodo.org/record/5814670#.Y0AavXZByUk</a>
Alcohol	Carl Roth GmbH + Co. KG, Germany		70% isopropanol, 30% distilled water
c-grid: cEEGrid	TSMI, Oldenzaal, The Netherlands		
cEEGrid connector	University of Oldenburg, Germany		costum build
EEG acquisition app: Smarting	mBrainTrain, Serbia		
Matlab	The MathWorks, Inc., USA		used for data analyses and creating the figures
Medical tape: Leukosilk	BSN medical GmbH, Germany		
mobile EEG amplifier: Smarting MOBI	mBrainTrain, Serbia		
Multimeter	PeakTech Prüf- und Messtechnik GmbH, Germany		optional device to check functionality of electrodes
nEEGlance	University of Oldenburg, Germany		customized neckspeaker with integrated EEG amplifier (Smarting, mBrainTrain, Serbia) and cEEGrid connectors
Paper wipes	-		
Record-a app	University of Oldenburg, Germany		for our exemplary data recording, open-source: <a href="https://github.com/NeuropsychOL/Pocketable-Labs">https://github.com/NeuropsychOL/Pocketable-Labs</a>
Smartphone: Google Pixel 3a	Google LLC, USA		
Yamaha Digital Piano P-35	Hamamatsu, Japan		for our exemplary data recording