EASYCAP
EEG Recording Caps and Related Products

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16 Ch Standard Smarting Spectra cap with Multitrodes

Electrode Layout and Channel Assignment

mbt

Details

Ordering Information

For ordering please give **Article Number**, **Cap Cut**, and **Size** (e.g. *RBE-16-X2, C-Cut, 58*):

- Article Number: ***RBE-16-X2***
- Cap Cut: ***C-Cut*** or ***A-Cut***
- Size (given in cm head circumference):
  Adult caps: ***54***, ***56***, ***58***, ***60***, ***62***, ***64*** (average male: 58, average female: 54)
  Children caps: ***50*** (5 years), ***52*** (7 years), ***54*** (11 years)
  Infant caps: **34, *36*** (newborn), ***38***, ***40*** (3 months), ***42***, ***44*** (7 month), ***46***, ***48*** (3 years)

The catalogue-number comprises the cap as described. For further information about accessories or consumables please visit our website or contact our local distributor.

Cap

Standard: Subinion Cap with integrated chin belt, Black, High Comfort Fabric
Options: C-Cut or A-Cut, Size

The cap has an amplifier holding strip on the rear of the cap onto which the Smarting Spectra can be secured.

Electrodes

All electrodes are Multitrodes with sintered Ag/AgCl sensors. They are buttoned directly into the cap (total height 3,5 mm).

All electrodes are number-labelled at the sensor end.

The cables are threaded in and out of the cap and meet occipitally in a common connector.

Theta/Phi-Coordinates

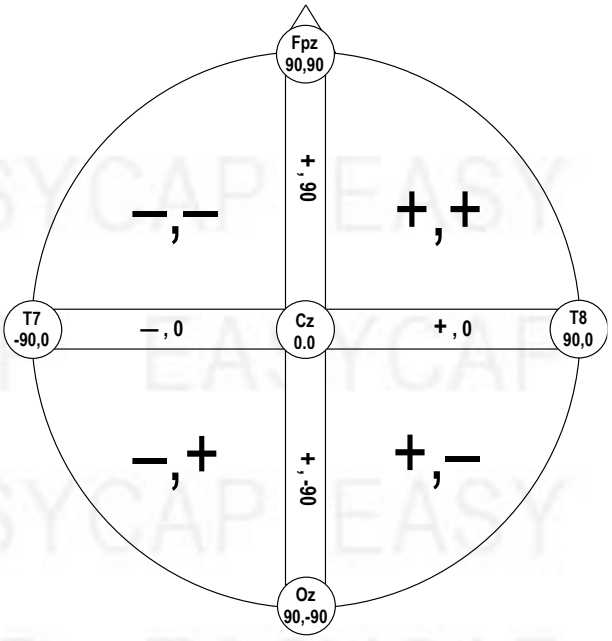
Please find a table with Theta/Phi-Coordinates of all electrode sites at the end of this file.

Table of Coordinates for RBE-16-X2

Channel-number	Name	Theta	Phi
1	Fp1	-90	-72
2	Fp2	90	72
3	F3	-60	-51
4	F4	60	51
5	C3	-45	0
6	C4	45	0
7	P3	-60	51
8	P4	60	-51
9	O1	-90	72
10	O2	90	-72
11	T7	-90	0
12	T8	90	0
13	Fz	45	90
14	CPz	22	-90
15	TP9	-113	18
16	TP10	113	-18
DRL	Afz	67	90
CMS	FCz	23	90

These values are standardized to a Theta of 90° for the plane through Fpz, T7, T8, Oz.

The signs follow this convention:



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