



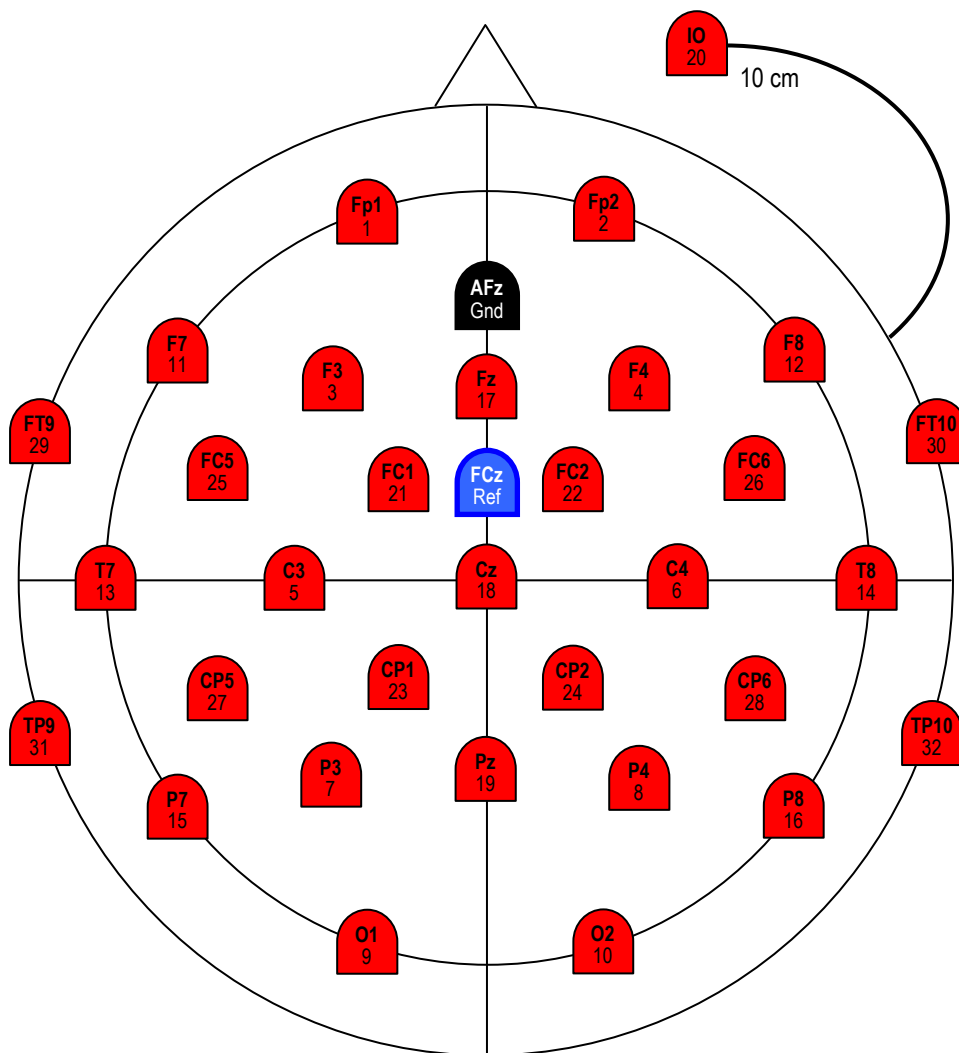
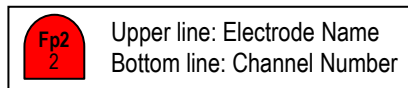
EASYCAP

EEG Recording Caps and Related Products

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TinCap TC32 by Easycap 32 Channel Standard EEG Recording Cap: Tin Electrodes with 6 mm central opening, Extended 10/20-System



Details for Users

Ordering Information

Catalogue-Number: TC32-# (please replace # by cap size)

Cap sizes are given in cm head circumference:

- Adult caps: 54, 56, 58, 60, 62 (average male: 58, average female: 54)
- Children caps: 50 (5 years), 52 (7 years), 54 (11 years)
- Infant caps: 36(newborn), 38, 40 (3 months), 42, 44 (7 month), 46, 48 (3 years)

Note: *We supply cap-cuts for Asian Headshapes upon request. If you want this, please mention on your order.*

Catalogue-Number comprises cap as described in this document, serial number and this document. Please order other accessories / consumables extra.

Cap

Subtemporal cap with integrated chin belt
AsiaCut upon request

Electrodes

Tin Electrodes B08, cable colours according to above graphic. No labels.

All electrodes are fixed to cap with nylon ties. They leave the cap in 2 plaits behind the ears, which meet at the connector box.

Termination

The cables are connected to a BrainAmp-connector box.

Theta/Phi-Coordinates

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

Table of Spherical (Theta/Phi) Coordinates

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	F7	-90	-36
12	F8	90	36
13	T7	-90	0
14	T8	90	0
15	P7	-90	36
16	P8	90	-36
17	Fz	45	90
18	Cz	0	0
19	Pz	45	-90
20	IO	?? 130	?? 80
21	FC1	-31	-46
22	FC2	31	46
23	CP1	-31	46
24	CP2	31	-46
25	FC5	-69	-21
26	FC6	69	21
27	CP5	-69	21
28	CP6	69	-21
29	FT9	-113	-18
30	FT10	113	18
31	TP9	-113	18
32	TP10	113	-18
Gnd	Afz	67	90
Ref	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:

