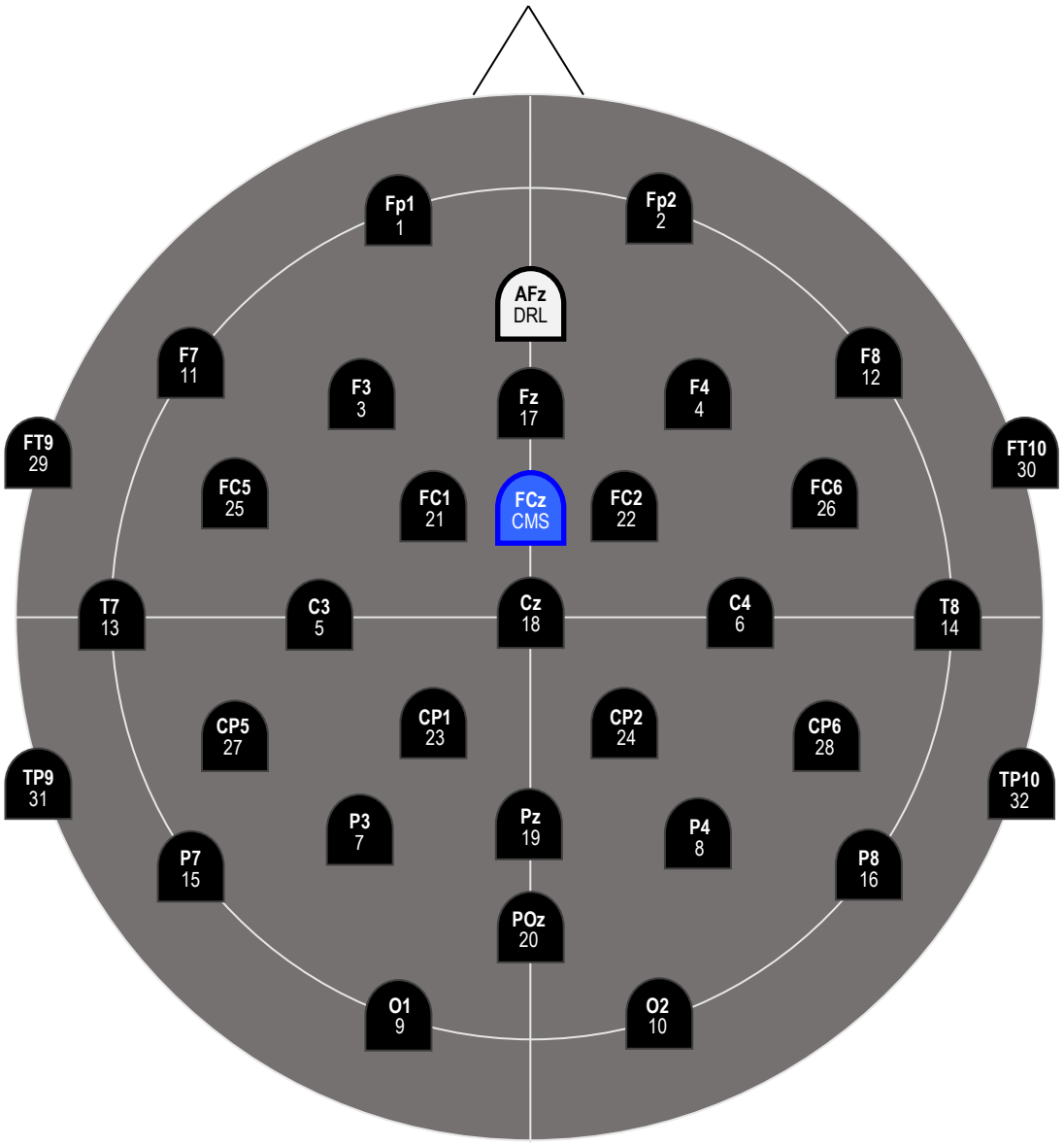
PRO-32 - 32Ch Standard PRO Cap with Multitrodes

For Smarting Pro Amplifier

Electrode Layout and Channel Assignment



Easycap GmbH Am Anger 5, 82237 Wörthsee, Germany www.easycap.de support@easycap.de

Details

Ordering Information

For ordering please give **Article Number**, **Cap Cut**, and **Size** (e.g. *PRO-32, C-Cut, 58*):

- Article Number: ***PRO-32***
- 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 a reinforced fabric patch with snap buttons at the occipital region for mounting a Smarting Pro connector housing.

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.

Cap Layout download

The QR code and link below take you to the download section of our website, where you can search for and download this cap layout document including Theta/Phi coordinates:
https://easycap.de/cap-layout-download/

Theta/Phi-Coordinates

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

Table of Coordinates for PRO-32

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	POz	67	-90
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
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:

