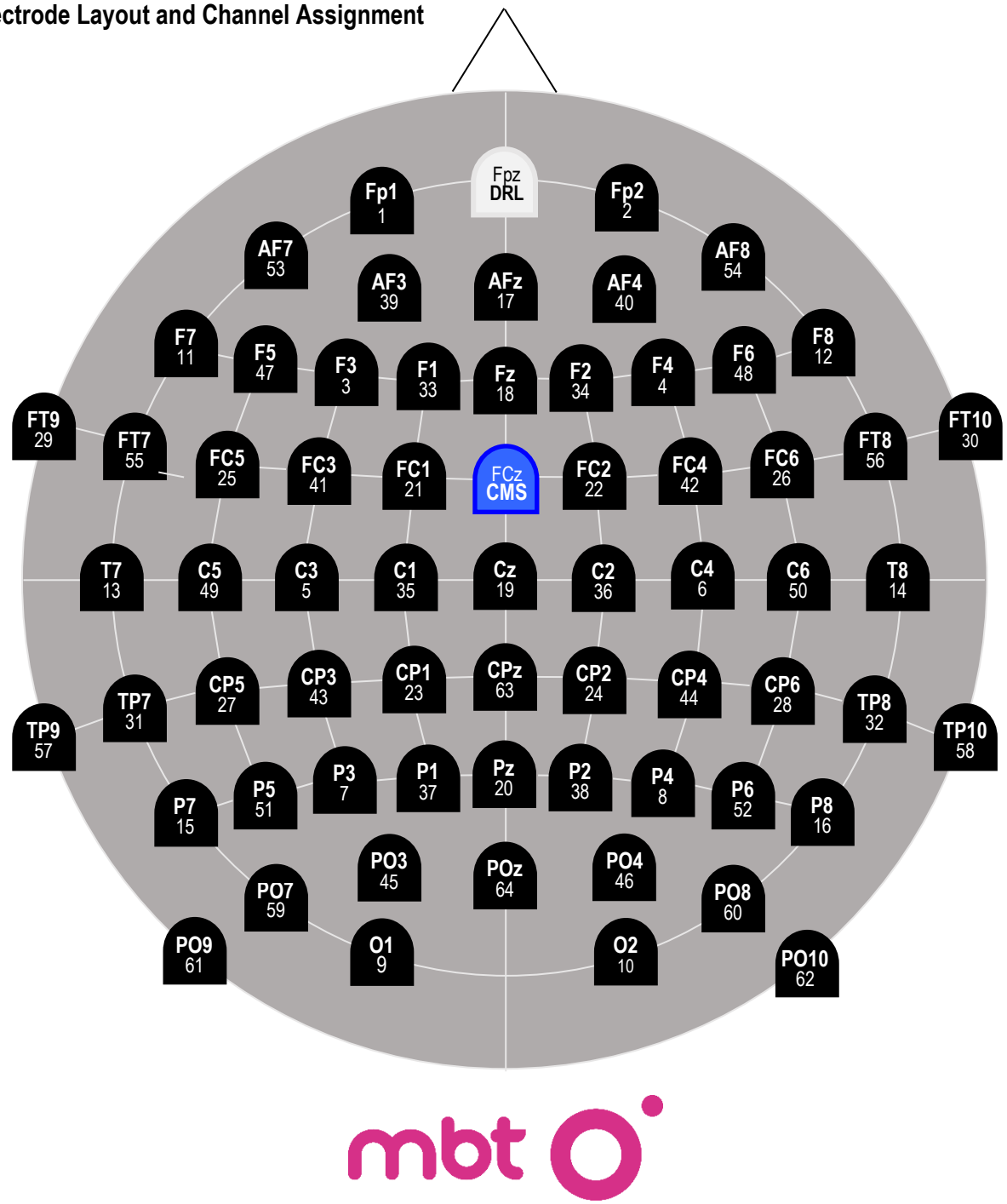
PROX-64 - 64Ch Standard PRO X Cap with Multitrodes

For Smarting PRO X Amplifier

Electrode Layout and Channel Assignment



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Details

Ordering Information

For ordering please give **Article Number**, **Cap Cut**, and **Size** (e.g. *PROX-64, C-Cut, 58*):

- Article Number: ***PROX-64***
- 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: ***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 X 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 name-labelled at the sensor end.
Electrode leadwires are fixated to the cap fabric.

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 PROX-64

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	Afz	67	90
18	Fz	45	90
19	Cz	0	0
20	Pz	45	-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	TP7	-90	18
32	TP8	90	-18
33	F1	-49	-68
34	F2	49	68
35	C1	-23	0
36	C2	23	0
37	P1	-49	68
38	P2	49	-68
39	AF3	-74	-68
40	AF4	74	68
41	FC3	-49	-29
42	FC4	49	29
43	CP3	-49	29
44	CP4	49	-29
45	PO3	-74	68
46	PO4	74	-68
47	F5	-74	-41
48	F6	74	41
49	C5	-68	0

Channel-number	Name	Theta	Phi
50	C6	68	0
51	P5	-74	41
52	P6	74	-41
53	AF7	-90	-54
54	AF8	90	54
55	FT7	-90	-18
56	FT8	90	18
57	TP9	-113	18
58	TP10	113	-18
59	PO7	-90	54
60	PO8	90	-54
61	PO9	-113	54
62	PO10	113	-54
63	CPz	22	-90
64	POz	67	-90
DRL	Fpz	90	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:

