



EASYCAP

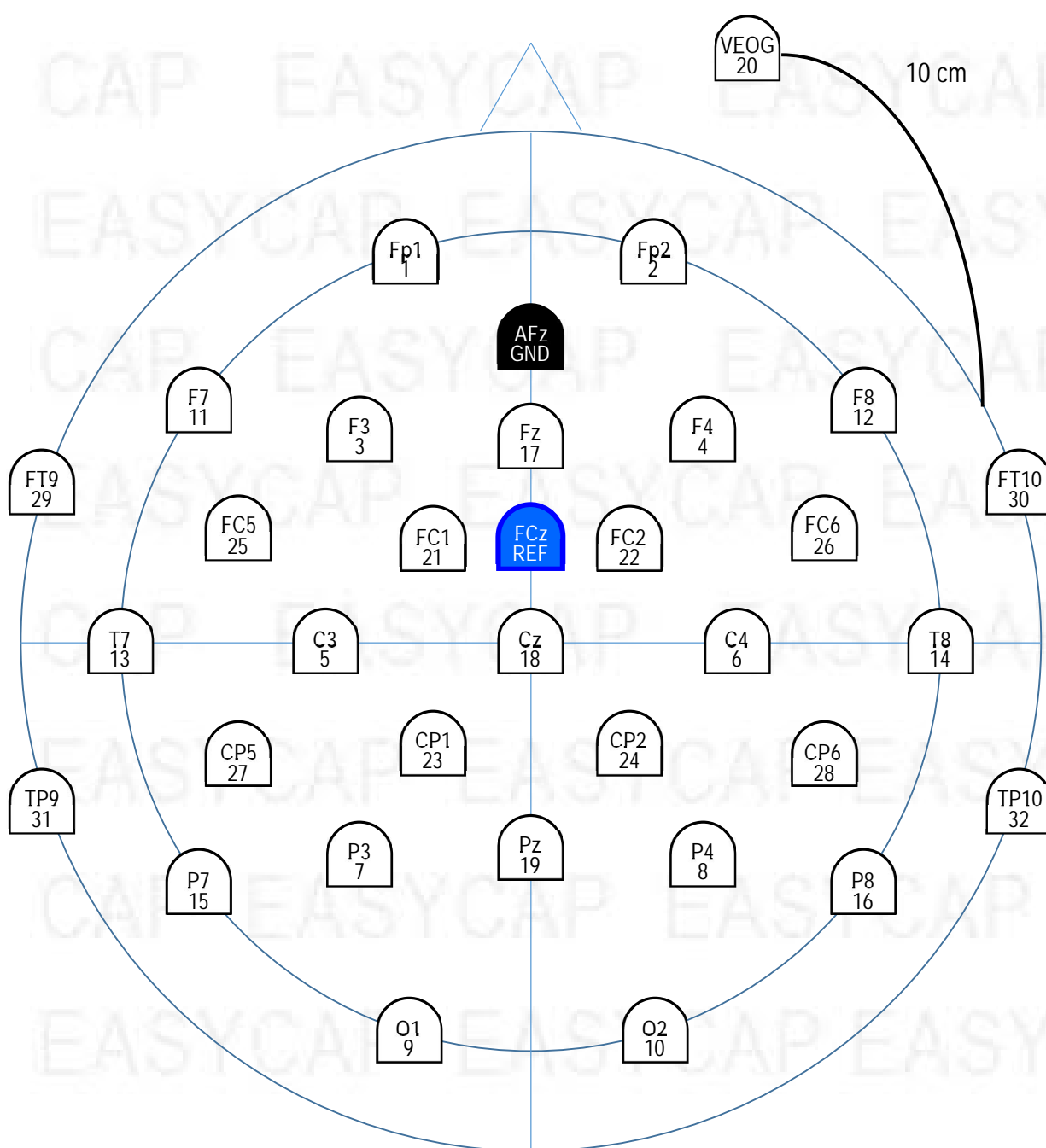
EEG Recording Caps and Related Products

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32Ch Standard EEG Recording Cap for LiveAmp with Passive Multitrodes Rev.001

Electrode Layout and Channel Assignment



Details

Ordering Information

For ordering please give Article Number, Cap Cut, and Size (Example: LC-32, C-Cut, 58):

- Article Number: LC-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: 56)
 - Children caps: 50 (3-4 years), 52 (5-10 years), 54 (11-14 years)
 - Infant caps: 34, 36 (newborn), 38, 40 (3 months), 42, 44 (7 month), 46, 48 (2 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

Black Sub-Inion Cap with Pocket for LiveAmp and integrated chin belt, made from High-Comfort Fabric.
Options: C-Cut or A-Cut, Size. For further variations, contact us.

Electrodes

All electrodes are Multitrodes with sintered Ag/AgCl sensors and light-duty cables, cable colour according to graphic. The electrodes are buttoned directly into the cap (total height 3,5 mm) or can be attached to the skin with washers (= double-sided adhesive rings).

All electrodes are number-labelled at the sensor end.

The cables are attached to the cap with nylon threads. They leave the cap below O1 and O2 and meet at the connector-box.

Termination

All cables end in the Connector to LiveAmp.

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 LC-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	VEOG	--	---
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:

