



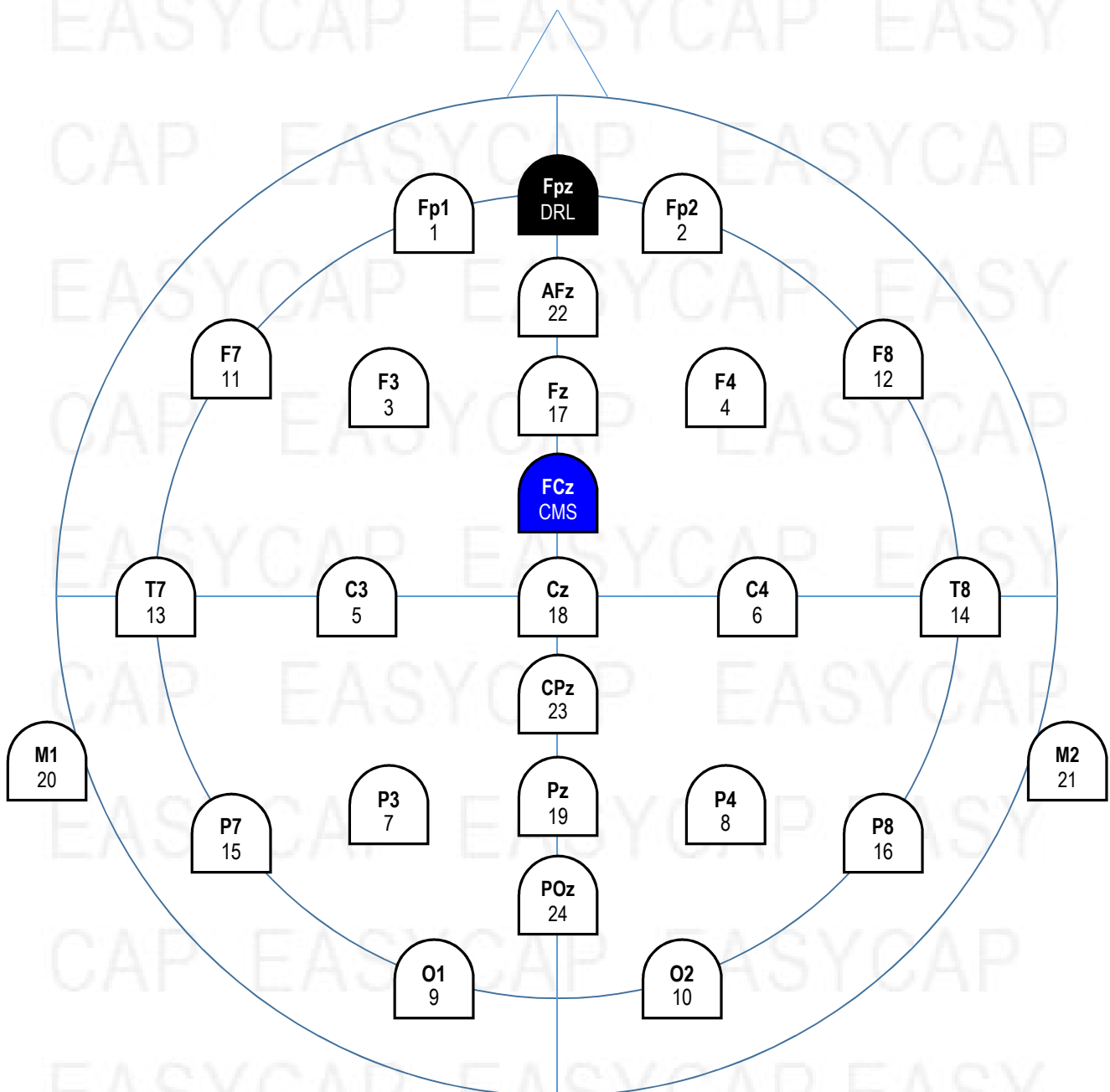
# EASYCAP

EEG Recording Caps and Related Products

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## Cap for Real-Behavior-EEG, 24Ch Standard Layout for Smarting



## Details for Users

### Ordering Information

Catalogue-Number: RBE-24-STD-# (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 caps with adjusted cuts for Asian head shapes. If requested, please mention it in your order.

The catalogue-number comprises the cap as described, serial number, and this document; all packed in a labelled cardboard box. For further information about accessories or consumables please visit our website or contact our local distributor.

### Cap

Sublnion Cap with integrated chin belt, Black, High-Elasticity Fabric, with velcro-patch and elastic bands below Oz to hold the amplifier's backpack.

AsiaCut upon request

### 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 cable colours correspond to the above figure.

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

### Tornister

A Velcro-attachable Tornister for Smarting is NOT part of each cap. If you have no Tornister yet, one per Smarting needs to be ordered additionally.

### Theta/Phi-Coordinates

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

## Table of Coordinates

Pin-Number	Channel-Number	Name	Theta	Phi
11	1	Fp1	-90	-72
9	2	Fp2	90	72
7	3	F3	-60	-51
5	4	F4	60	51
3	5	C3	-45	0
1	6	C4	45	0
2	7	P3	-60	51
4	8	P4	60	-51
6	9	O1	-90	72
8	10	O2	90	-72
10	11	F7	-90	-36
12	12	F8	90	36
14	13	T7	-90	0
16	14	T8	90	0
18	15	P7	-90	36
20	16	P8	90	-36
22	17	Fz	45	90
24	18	Cz	0	0
26	19	Pz	45	-90
25	20	M1	-120	18
23	21	M2	120	-18
21	22	AFz	67	90
19	23	CPz	22	-90
17	24	POz	67	-90
15	<b>CMS</b>	<b>CMS</b>	23	90
13	<b>DRL</b>	<b>DRL</b>	90	90

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

The signs follow this convention:

