



EASYCAP

EEG Recording Caps and Related Products

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Standard 32Ch actiCAP snap

Cap with holders for actiCAP slim electrodes

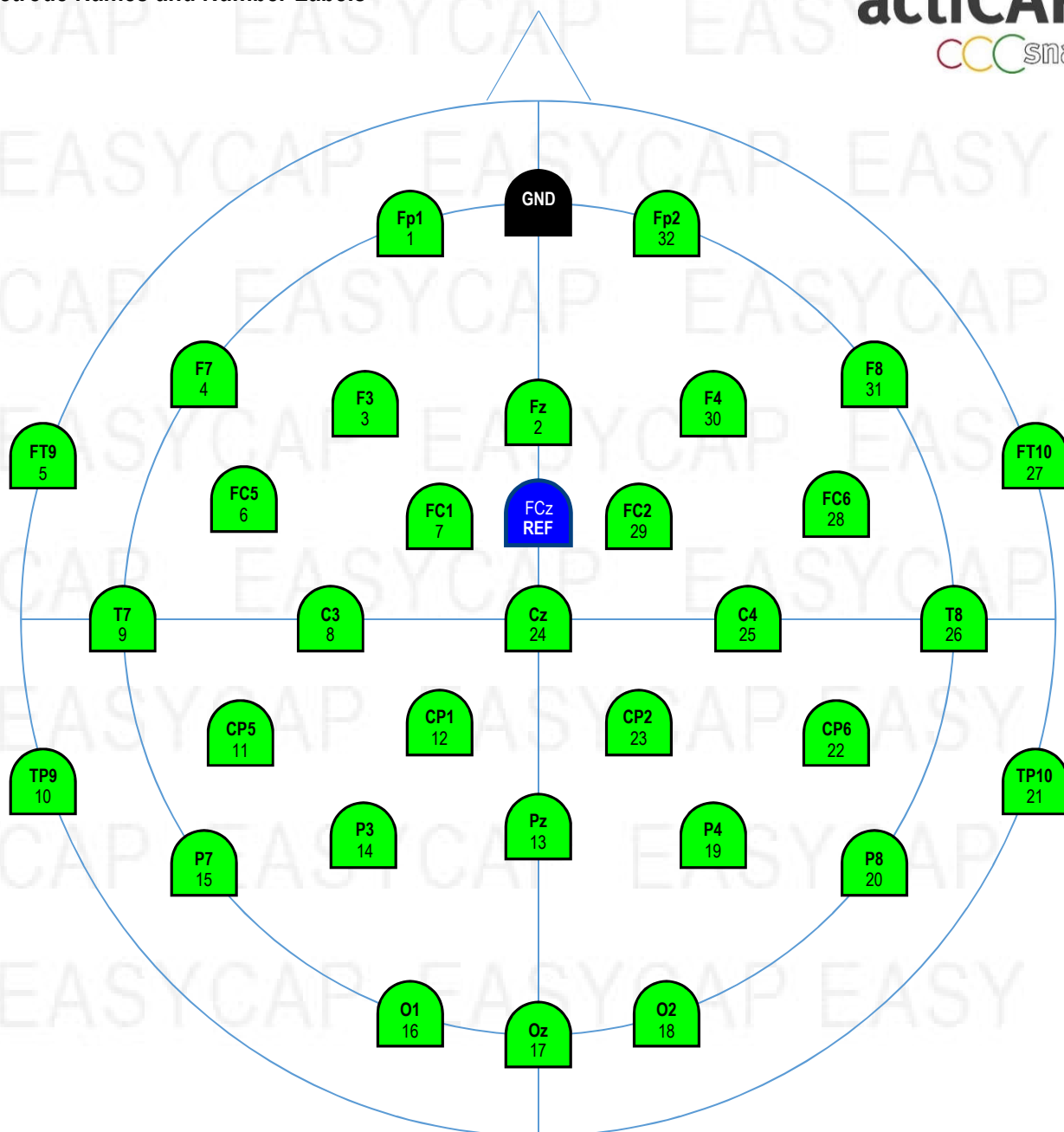
● Green holders: Label 1-32, Hardware Channel 1 – 32

● Blue holder: Label & hard-wired REF

● Black holder: Label & hard-wired GND

Electrode Names and Number Labels

actiCAP
CCCsnap



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Details



Ordering Information

For ordering please give **Article Number, Cap Cut, and Size**

(Example: CACS-32, Caucasian, 58):

- Article Number: **CACS-32**
- Cap Cut: **Caucasian** or **Asian**
- Size (given in cm head circumference):
 - Adult caps: **52, 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: **36** (newborn), **38, 40** (3 months), **42, 44** (7 month), **46, 48** (2 years)

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

White SubInion Cap with integrated chin belt

Sizes 52 – 64 made from High Precision Fabric, Sizes 50 and smaller made from High Comfort Fabric

Options: *Caucasian* or *Asian*, *Size*

The holders are mounted according to the figure. The positions include the 19 sites of the “International 10/20-System”. These core positions are extended by further positions of the 10%-System to increase the topographical resolution. Positions TP9/TP10 approximately meet left and right mastoids.

Apart from using the cap holders, it is also possible to use some electrodes on bare skin, e.g. for recording EOG. To do so, the electrodes can be attached to the skin with double-sided adhesive rings (washers). The grip of the washer is better, when both, skin and electrode, are degreased with alcohol prior to application.

Electrode Assignment

Plug the GND electrode into the black holder at Fpz.

Plug the electrodes 1-32 into the green holders, which are also labelled 1-32, for amplifier channels 1-32.

If your hardware requires a REF electrode (e.g. actiCAP control box),
plug REF into the blue holder at FCz.

If your hardware uses NO REF electrode (e.g. actiCHamp), leave the blue holder at FCz unused.

The velcro straps attached to the cap help you to organize and fixate the cable wires.

Supplementary Files

Each cap comes with a memory stick containing two bvef-files, one for use with REF, one for NO_REF. Use these bvef-files to assign the electrode names to channel numbers while creating the BrainVision Recorder Workspace. The bvef-file also contains the coordinates of the electrodes. In addition, the stick contains a bvef-readme file, a guide map to illustrate the sequence of electrode numbers, and this document.

Accessories

The cap can be fixed either by the integrated chin belt alone, or additionally / alternatively by a chest belt (not included). Normally the decision between these two methods can be made according to what is more comfortable for the subject. Under difficult conditions, the chest belt will hold the cap in place a little better.

Service

In case of any further questions

- Regarding consumables (e.g. electrolyte gel, syringes) and their usage, regarding cap, holders, layout, belts, please contact our local distributor or info@easycap.de. Please have the serial number of your cap at hand (syntax CACSxxxxx, located on the backside label of the cap).
- Regarding actiCAP electrodes, and associated electronics or software, please contact the local Brain Products Distributor or support@brainproducts.com.