



# EASYCAP

EEG Recording Caps and Related Products

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## Standard 32Ch actiCAP snap

Cap with snap holders for actiCAP slim electrodes

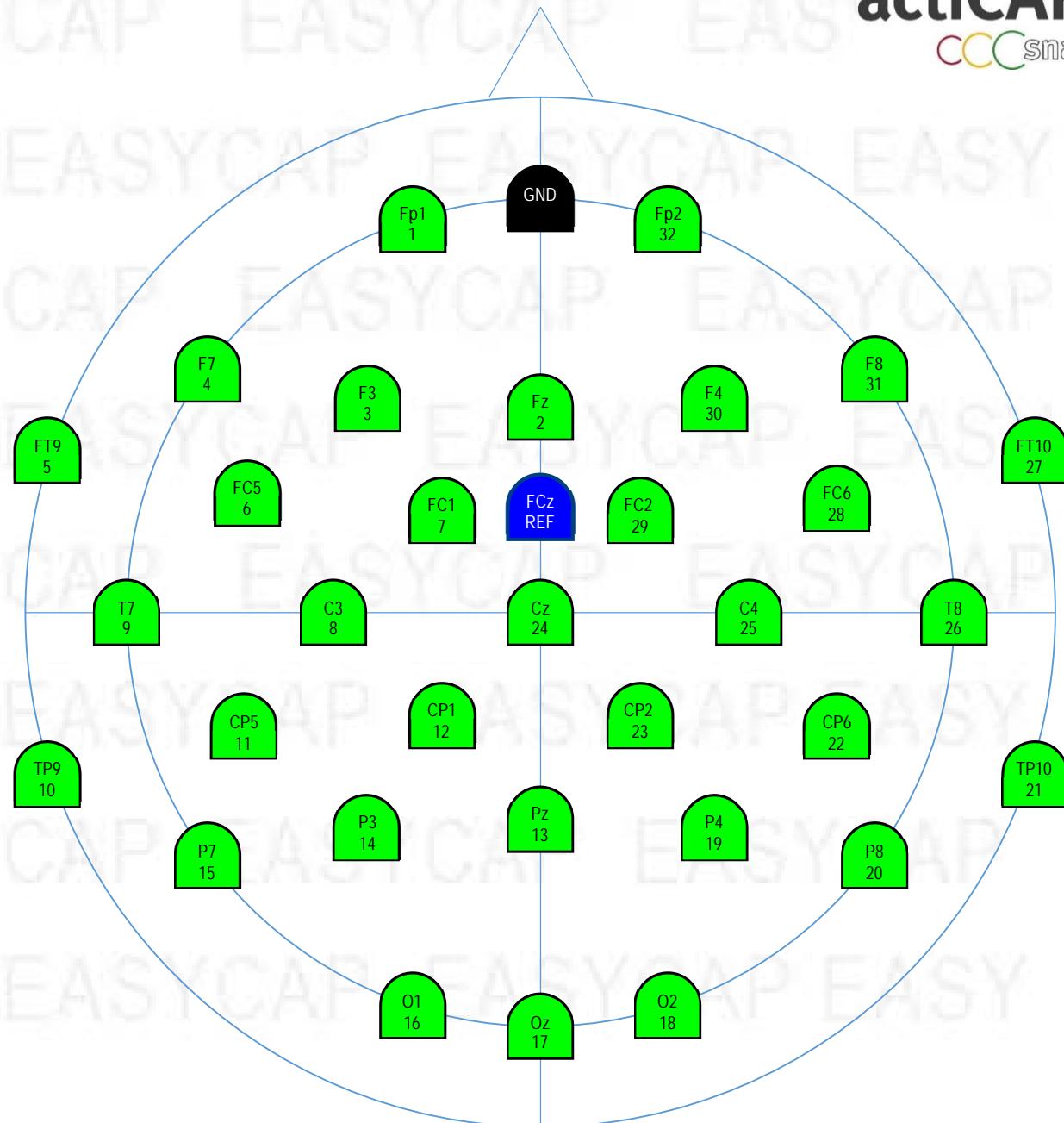
Green holder: Label 1-32, Hardware Channel 1 – 32

Blue holder: Label & hard-wired REF

Black holder: Label & hard-wired GND

Electrode Names and Number Labels

**actiCAP**  
ccc snap



## Details



### Ordering Information

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

- Article Number: CACS-32
- Cap Cut: C-Cut or A-Cut
- 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: 34, 36 (newborn), 38, 40 (3 months), 42, 44 (7 month), 46, 48 (2 years)

The catalogue-number comprises the cap with SNAP holders as described. For further information about accessories or consumables please visit our website or contact our local distributor.

### Cap

Standard: White Subinion Cap with integrated chin belt.

Sizes 54 – 60 made from High Precision Fabric, Sizes 50 and smaller made from High Comfort Fabric

*Options: C-Cut or A-Cut, Size. For futher variations, contact us.*

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.

The cap can be fixed either by the integrated chin belt alone, or by a chest belt (not included), or both.

### Electrode Assignment

Plug the GND-Electrode into the black holder at Fpz.

Plug the electrodes 1-32 of the first bundle into the green holders (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 the bvef-file to assign the electrode names to channel numbers while creating the BrainVision Recorder Workspace. The bvef-file also contains the coordinates of the electrodes.