



# EASYCAP

EEG Recording Caps and Related Products

EASYCAP GmbH

Am Anger 5

82237 Würthsee

GERMANY

Tel +49 8153 88702-00

[www.easycap.de](http://www.easycap.de)

[info@easycap.de](mailto:info@easycap.de)

## Standard 16Ch actiCAP snap for LiveAmp

Cap with 32 openings for snap holders, holders added loose

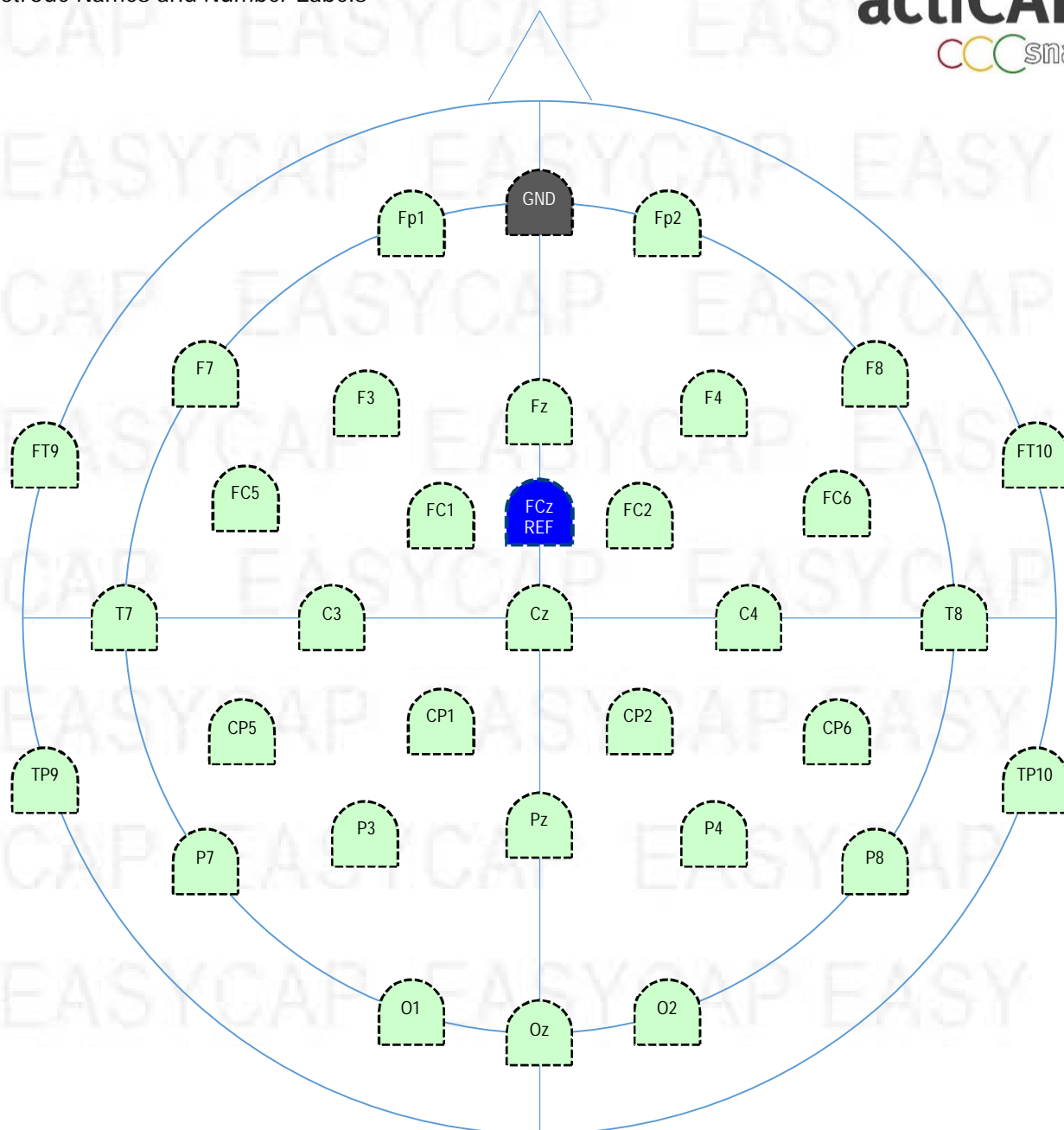
● Openings in the cap for insertion of snap holders; Green holders with Label 1-16 for Channel 1-16 are added loose

● Blue holder: Label & hard-wired REF, added loose

● Black holder: Label & hard-wired GND, added loose

Electrode Names and Number Labels

**actiCAP**  
CCCsnap



## Details



### Ordering Information

For ordering please give Article Number, Cap Cut, and Size (Example: CLACS-16, C-Cut, 58):

- Article Number: CLACS-16
- 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: 42, 44 (7 month), 46, 48 (2 years)

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

### Cap

Standard: White Subinon Cap with pocket for LiveAmp, and integrated chin belt.

Sizes 52 – 60 made from High Precision Fabric, Sizes 50 and smaller made from High Comfort Fabric

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

The cap comes with 32+2 openings for actiCAP snap holders 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.

The actiCAP snap holders are added loose, for insertion in the desired positions in the cap.

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 Suggestion

Use Fpz to position the GND electrode (black acticap snap holder), and FCz to position the REF electrode (blue holder).

Insert the acticap snap electrode holders in the desired positions of the available openings. Plug the electrodes into the green holders, which are also labelled 1-16, for amplifier channels 1-16.

Plug the GND electrode into the black holder, the REF electrode – if needed – into the blue holder.

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.