EASYCAP
EEG Recording Caps and Related Products

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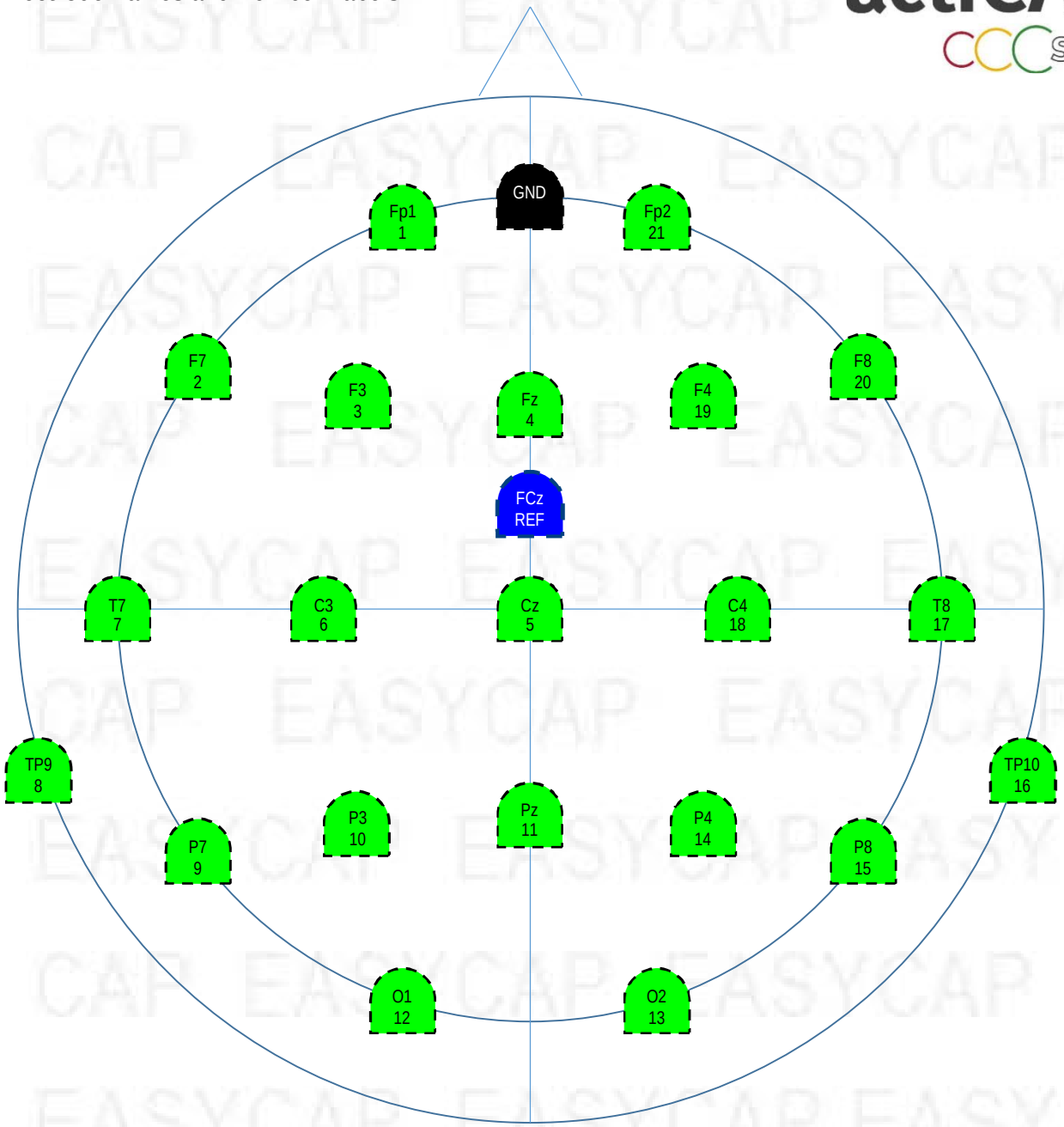
Cap for 32Ch actiCAP slim, 21 positions

Standard Layout

Electrode Names and Number Labels

actiCAP
CCCslim



Details

Ordering Information

For ordering please give Article Number, Cap Cut, and Size (e.g. *CAS-21, C-Cut, 56*):

- Article Number: *CAS-21*
- 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 with 21 + 2 openings for actiCAP slim electrodes. For further information about accessories or consumables, please visit our website or contact our local distributor.

Cap

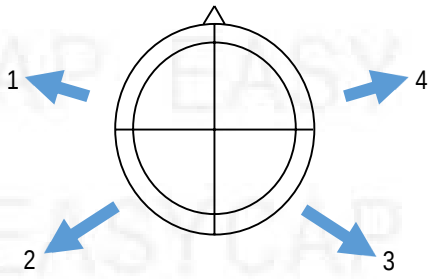
Standard: White Subinion Cap with integrated chin belt
Sizes 52 – 64 made from High Precision Fabric, Sizes 50 and smaller made from High Comfort Fabric
Options: C-Cut or A-Cut, Size. For further variations, contact us.

Insertion of Electrodes

Button the electrodes directly into the cap fabric, as indicated in the figure: Electrodes 1-21 are actiCAP-Slim electrodes, terminating at a splitter box for connection to actiCHamp or actiCAP control box. REF and GND (160cm) come with individual connectors.

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

For alternative usage (e.g. EOG), electrodes can also be attached to the skin with washers (= double-sided adhesive rings).



Please use the electrodes of splitter box 1 for channels 1-21 (green positions in the figure)

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

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

Hints when performing TMS and EEG simultaneously

To minimize the TMS artefacts onto the EEG signal, electrode cables should be led away from the TMS stimulation point. You may secure a certain cable geometry with the enclosed velcro straps.

Depending on the site of the TMS stimulation, it may be advisable to move the electrode used as REF away from the stimulation point to another position further away.