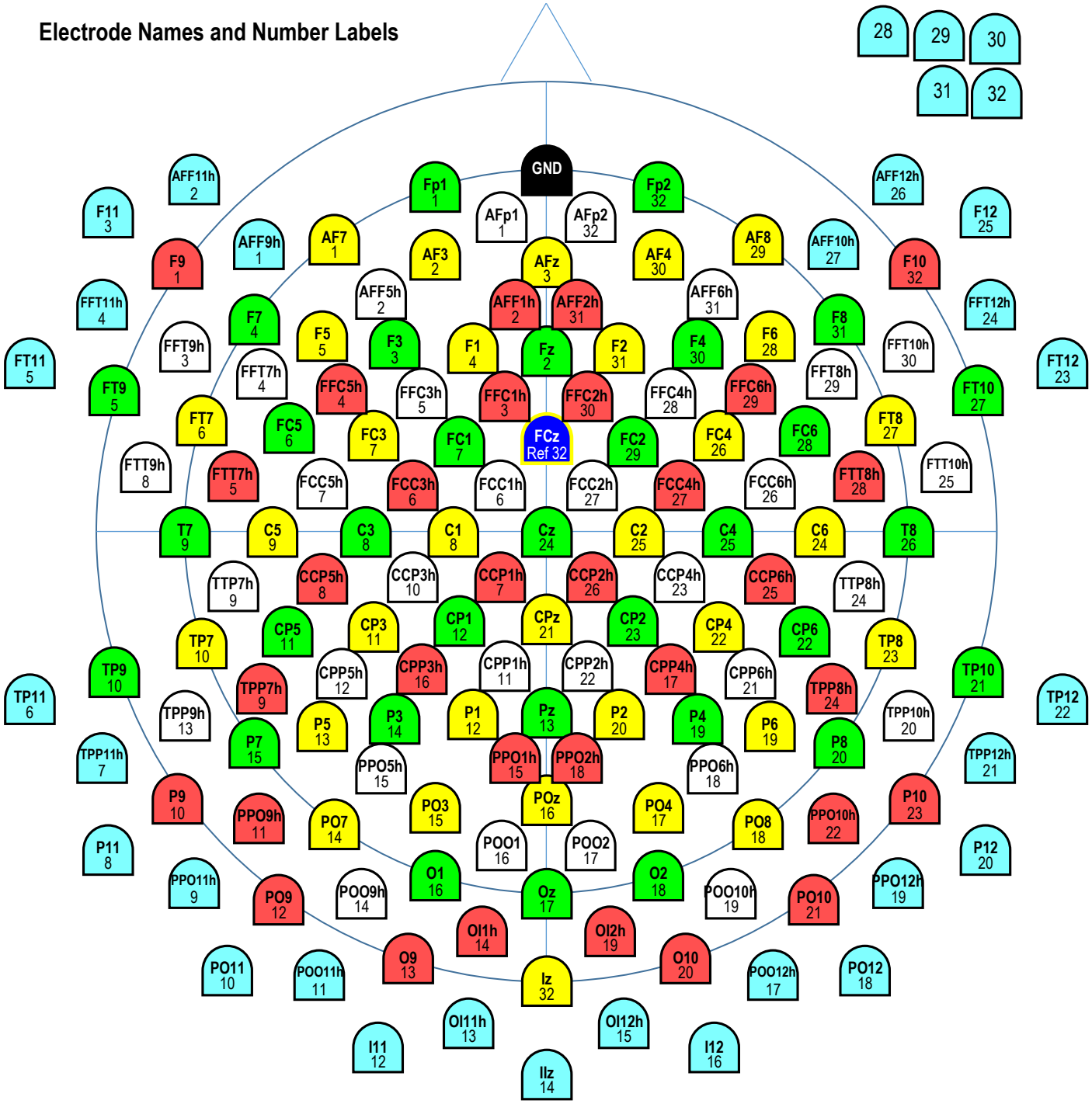
ASG-160 - Standard 160Ch actiCAP slim

Cap with electrodes and printed electrode labels, for use with or without reference electrode

actiCAP slim

Electrode Names and Number Labels



Easycap GmbH Am Anger 5, 82237 Wörthsee, Germany www.easycap.de support@easycap.de

Details

Ordering Information

For ordering please give **Layout Name, Cap Cut, and Size** (e.g. *ASG-160, C-Cut, 56*):

- Article Number: ***ASG-160***
- 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)

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

Cap

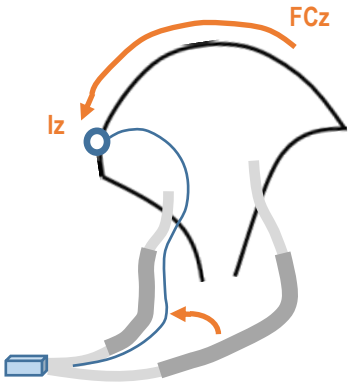
Standard: White Infracerebral Cap with integrated chin belt, with printed name labels.
All sizes made from High Precision Fabric.
Options: C-Cut or A-Cut, Size. For further variations, contact us.

Electrodes

Electrodes 1-32, 33-64, 65-96, 97-128 and 129-160 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. All electrodes are buttoned directly into the cap or can be attached to the skin with washers (= double-sided adhesive rings).

Please note: Each 32Ch electrode set is labelled 1-32; however, the splitter boxes are numbered 1 through 5.
Please use the electrodes of splitter box 1 for channels 1-32 (green positions in the figure).
Please use the electrodes of splitter box 2 for channels 33-64 (yellow positions in the figure).
Please use the electrodes of splitter box 3 for channels 65-96 (red positions in the figure)
Please use the electrodes of splitter box 4 for channels 97-128 (white positions in the figure)
Please use the electrodes of splitter box 5 for channels 129-160 (blue positions in the figure, blue 28-32 not in cap)

Usage WITH or WITHOUT REF-Electrode



If your hardware requires a REF electrode (e.g.actiCAP control box),
button Ref into the opening at FCz. To do so, move Ch64 (yellow 32) from FCz to Iz, and from the anterior into the posterior right cable branch. Use one of the spare electrodes, e.g. Ch 156, to plug it into Iz and adjust the workspace accordingly. (If you do this regularily, we recommend to replace the yellow 32 at Iz by the light-blue 28.)

If your hardware uses NO REF electrode (e.g actiCHamp).
leave the REF electrode unused, and keep Ch 64 (yellow 32) at FCz.

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. To be able to do so, the electrode cables are not attached to the cap and can be rotated 360° in their cap holes. You may secure a certain cable geometry with the enclosed cable clips and velcro straps.
Depending on the site of the TMS stimulation, it may be advisable to move the REF electrode away from the stimulation point to another position further away.

Cap Layout download

The QR code and link below take you to the download section of our website, where you can search for and download this cap layout document including Theta/Phi coordinates:
https://easycap.de/cap-layout-download/

Standard 160Ch actiCAP slim

actiCAP
CCCslim

Electrode Names and CHANNEL ASSIGNMENT

with reference electrode

