



EASYCAP

EEG Recording Caps and Related Products

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Standard 64Ch actiCAP Electrode Cap

Usable With and Without Dedicated Reference-Electrode

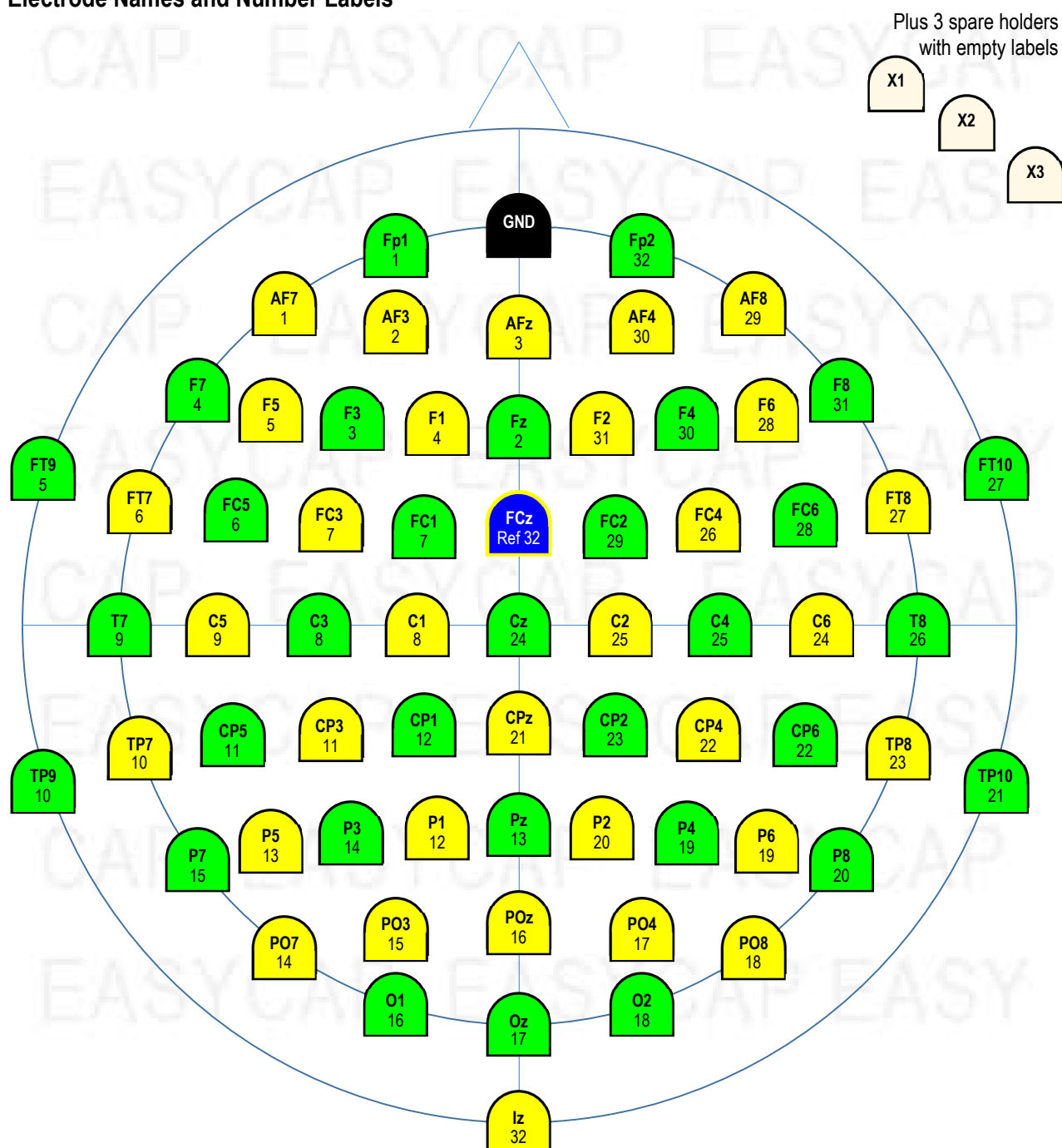
Green Holders: Label 1-32, Hardware Channel 1 – 32

Yellow Holders: Label 1-32, Hardware Channel 33 - 64

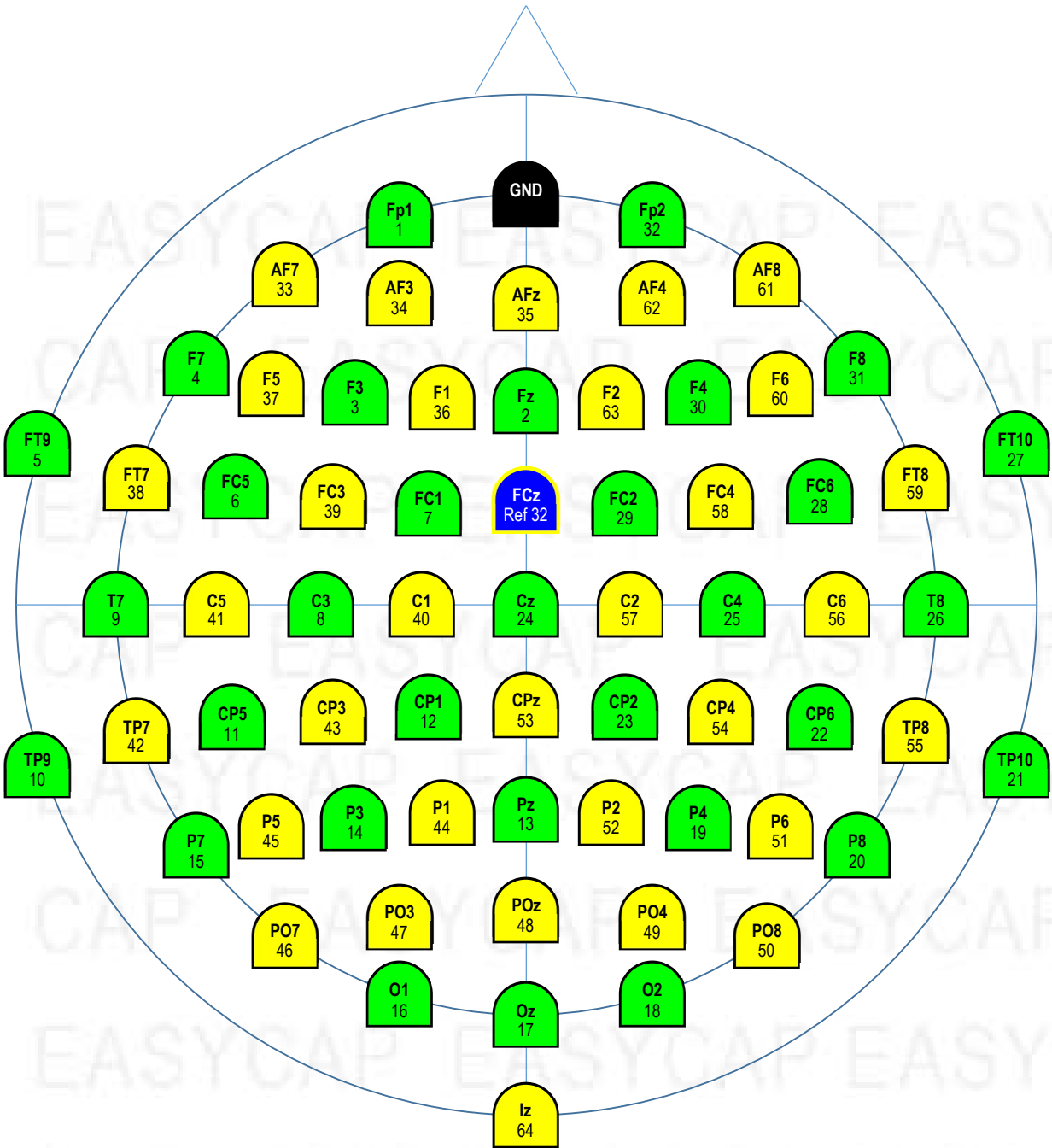
Blue holder: For Ref or Ch64

Black holder: Label & hard-wired Gnd

Electrode Names and Number Labels



CMA 64
Electrode Names and Channel Numbers



Details

Ordering Information

For ordering please give **Article Number, Cap Cut, and Size** (Example: CMA-64, C-Cut, 58):

- Article Number: **CMA-64**
- 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 as described. For further information about accessories or consumables please visit our website or contact our local distributor.

Cap

Standard: White Subinon 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 further variations, contact us.

The holders are mounted according to the figure. The positions are chosen from 10%-System. Positions TP9/TP10 approximately meet left and right mastoids.

Each cap comes with 3 loose holders for use with double-sided adhesive rings to place electrodes on bare skin. The grip of the washer is better, when both, skin and holder, are degreased with alcohol prior to application.

Electrode Assignment

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

The actiCAP electrodes come in bundles of 32, each labelled 1-32:

Plug the electrodes 1-32 of the first bundle into the green holders, labelled 1-32, for amplifier channels 1-32.

Plug the electrodes 1-32 of the 2nd bundle into the yellow holders (labelled 1-32), for amplifier channels 33-64.

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, or use Ch 64 (electrode 32 of the second bundle) by plugging into the blue holder at FCz.

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 2 bvief-files, one for use with REF, one for NO_REF. Use the bvief-file to assign the electrode names to channel numbers while creating the BrainVision Recorder Workspace. The bvief-file also contains the coordinates of the electrodes..