



# EASYCAP


EEG Recording Caps and Related Products


EASYCAP GmbH  
Steingrabenstrasse 14  
DE-82211 Herrsching  
Germany  
Delivery Address: Am Anger 5, DE-82237 Woerthsee-Ettersschlag


Tel +49 (0) 8153 88702-00  
Fax +49 (0) 8153 88702-10  
[www.easycap.de](http://www.easycap.de)  
[info@easycap.de](mailto:info@easycap.de)

## Standard 21Ch actiCAP Electrode Cap

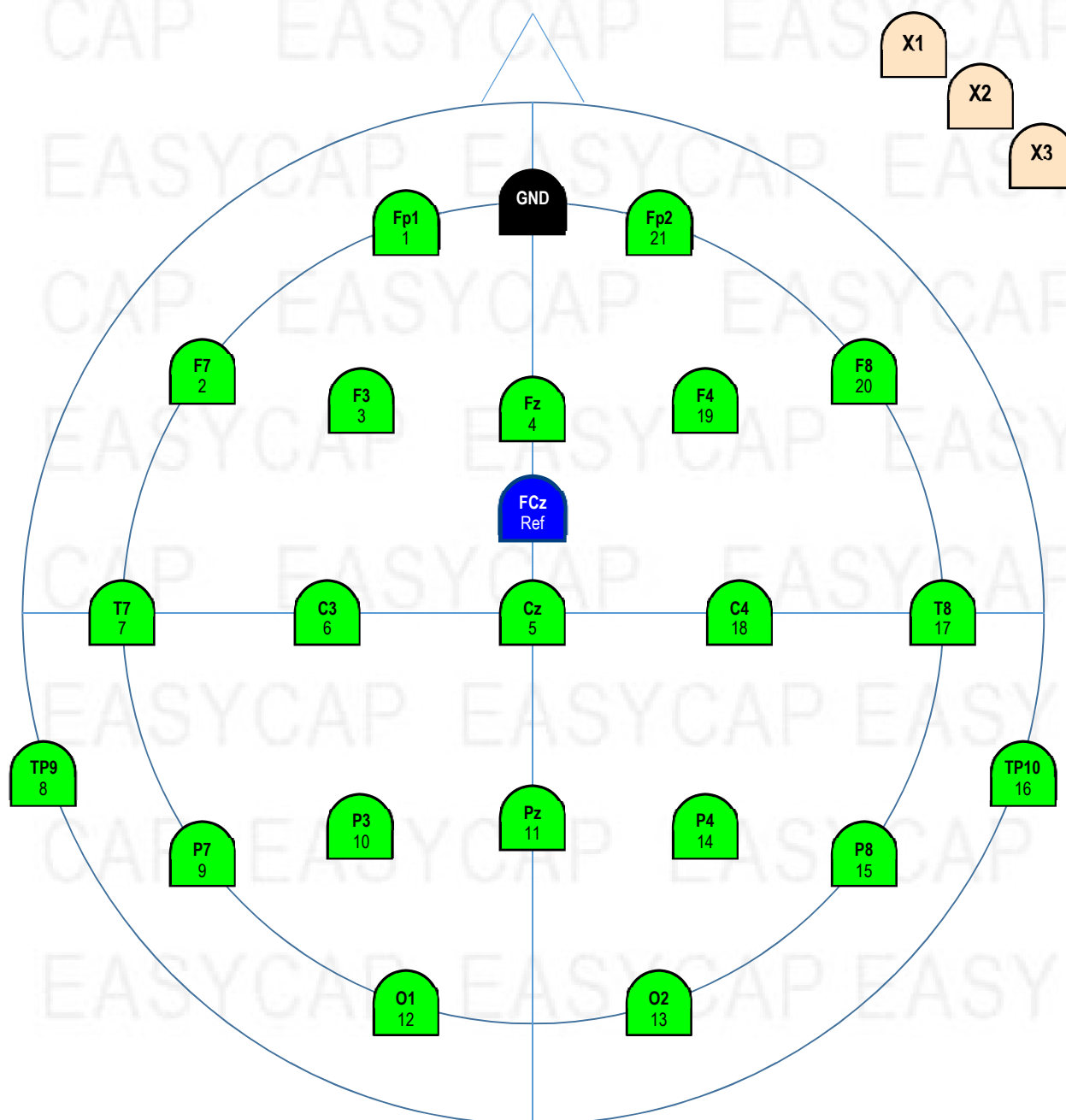
Usable With and Without Dedicated Reference-Electrode

 Green Holders: Label 1-21, Hardware Channel 1 – 21

 Blue holder: Label & hard-wired Ref

 Black holder: Label & hard-wired Gnd

### Electrode Names and Number Labels



## Details

### Ordering Information

For ordering please give **Article Number, Cap Cut, and Size**

(Example: *CMA-21, Caucasian, 58*):

- Article Number: **CMA-21**
- Cap Cut: **Caucasian** or **Asian**
- 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: **36** (newborn), **38, 40** (3 months), **42, 44** (7 month), **46, 48** (2 years)
  - Premature Infant cap: **21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 34**

The catalogue-number comprises the cap as described, serial number, and this document; all packed in a labelled cardboard box. For further information about accessories or consumables please visit our website or contact our local distributor.

### Cap

White SubInion Cap with integrated chin belt, made from High Precision Fabric

Sizes 52 – 64 made from High Precision Fabric, Sizes 50 and smaller made from High Comfort Fabric

Options: *Caucasian or Asian, Size*

The holders are mounted according to the figure. The positions include the 19 sites of the “International 10/20-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 electrodes 1-21 into the green holders, which are also labelled 1-21. These are the amplifier channels 1-21.

**If your amplifier requires a dedicated Ref-Electrode**, plug Ref into the dark blue holder at FCz.

**If your amplifier uses NO Ref-Electrode** leave the dark blue holder at FCz unused.

### Supplementary Files

Each cap comes with a memory stick containing 2 bvef-files, one for use with REF, one for NO\_REF. Use these bvef-files to import the electrode positions of this cap into your BrainVision Workspace.

Additionally this stick contains a bvef-readme, a guide map to illustrate the sequence of electrode numbers, and this document.

### Accessories

The cap can be fixed either by the integrated chin belt alone, or additionally / alternatively by a chest belt (not included). Normally the decision between these two methods can be made according to what is more comfortable for the subject. Under difficult conditions the chest belt will hold the cap in place a little better.

## Service

In case of any further questions

- Regarding consumables (e.g. electrolyte gel, syringes) and their usage, regarding cap, holders, layout, belts, please contact our local distributor or [info@easycap.de](mailto:info@easycap.de). Please have the serial number of your cap at hand (syntax CMAxxxxx, located on the backside label of the cap).
- Regarding actiCAP electrodes and associated electronics and software, please contact the local Brain Products Distributor or [support@brainproducts.com](mailto:support@brainproducts.com).

EASYCAP EASYCAP EASY  
CAP EASYCAP EASYCAP  
EASYCAP EASYCAP EASY  
CAP EASYCAP EASYCAP  
EASYCAP EASYCAP EASY  
CAP EASYCAP EASYCAP  
EASYCAP EASYCAP EASY  
CAP EASYCAP EASYCAP  
EASYCAP EASYCAP EASY