

Brain Products' Solutions for quick to set up, high-density EEG recordings ... the R-Net

- ✓ Ultra-fast application time
- ✓ Comfortable high-density EEG recordings
- ✓ Available up to 128 channels according to the 10-20 system
- ✓ Ag/AgCl sensors with exchangeable sponge tips
- ✓ Sizes range from new-born to extra-large adult head sizes
- ✓ R-Net is the perfect match for our new all-in-one lab amplifier, the actiCHamp Plus

Here is what Brain Products offers for current EGI Users ...

Brain Products and EasyCap make it easy for you to combine electrode caps and amplifiers from third-party manufacturers. All our caps & electrode types incl. R-Net and actiCAP can be combined with EGI amplifiers to record high-quality data.

We provide adaptors for using our R-Net and actiCAP slim with the Net Amp up to 128 channels

- ✓ For combining the R-Net (or other passive electrodes) with the Net Amp, a 50-pin adaptor is available
- ✓ For combining actiCAP slim electrodes with the Net Amp, all you need is the 50-pin adaptor and an additional ControlBox

We provide adaptors for using EGI HydroCel nets with our BrainAmp and actiCHamp Plus amplifier families.

We offer a BrainAmp adaptor (50-pin) – shown in the image on the right – as well as an actiCHamp Plus adaptor (40-pin), that allow you to use your Brain Products amplifier with an EGI net.



What should you expect when combining Brain Products and EGI equipment?

When combining equipment from different manufacturers, there will be a few things to take into consideration for your setup and recordings ...

When using R-Net and EGI amplifiers (Net Amp):

- ✓ The electrode layout and channel assignment cannot be edited in the EGI recording software
- ✓ This results in inconsistencies in the montage due to the different layouts used for the R-Net (10-20 system) and the HydroCel GSN (equidistant)

»» How to resolve this:

- ✓ Find a conversion table for closest matching electrodes [here](#)
- ✓ This will help you to perform accurate impedance measurements
- ✓ The correct layout can be imported into your preferred analysis software (e.g. BrainVision Analyzer)
- ✓ R-Net location files in .bvef format are delivered with each cap and can be downloaded [here](#)

When using actiCAP and EGI amplifiers (Net Amp):

- ✓ actiCAP can be customized to your preferred montage layout (e.g. 10-20 or equidistant)
- ✓ Impedance checks can be done with the additional use of the ControlBox

