

How to add more channels to the actiCHamp

a picture series of upgrading an acti32CHamp to an acti64CHamp



acti32CHamp
with additional
32ch module

The actiCHamp is intended to be used for research applications only and is not sold, designed or intended to be used as medical devices as defined in EU Directive 93/42/EEC, nor is it intended to be used for other medical applications such as diagnosis or treatment of disease. The hardware is freely configurable. Brain Products shall not be liable for any use other than pure scientific and research applications. The actiCHamp hardware has been tested and certified as per the relevant EMC and electrical safety standards. A non-medical CE certificate is available on request.



Before you start, make sure the actiCHamp is disconnected from the battery / computer.

Open the screws of the first empty slot (here panel one is already equipped with channels 1 to 32, so panel 2 – for channels 33 to 64 – has to be removed).



Make sure both screws are opened completely.



Remove the loose panel by lifting it carefully.

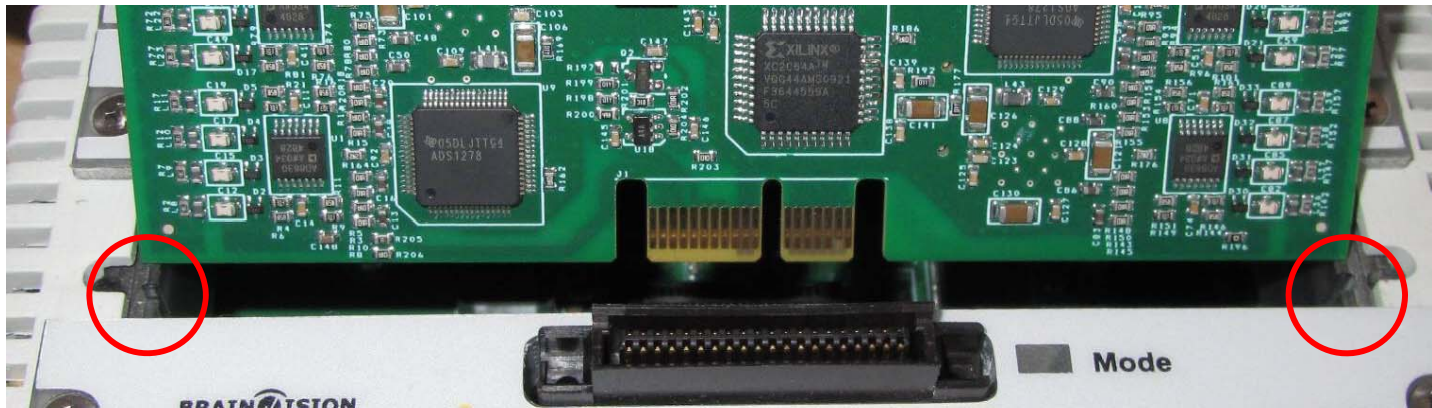
This works easily if both screws are opened completely.



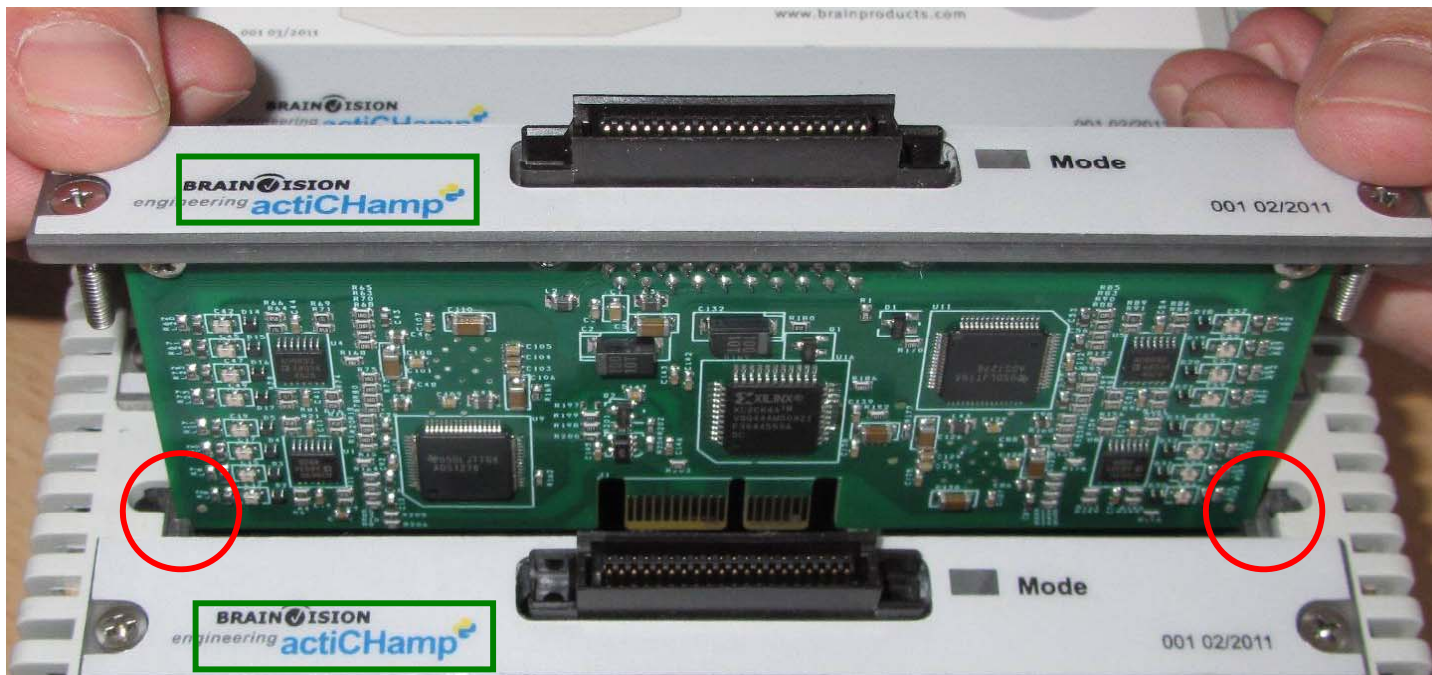
Insert the module in the empty space.

Make sure you don't touch the connectors; hold the module on the plastic panel.

For details, please continue reading on the next slide ...

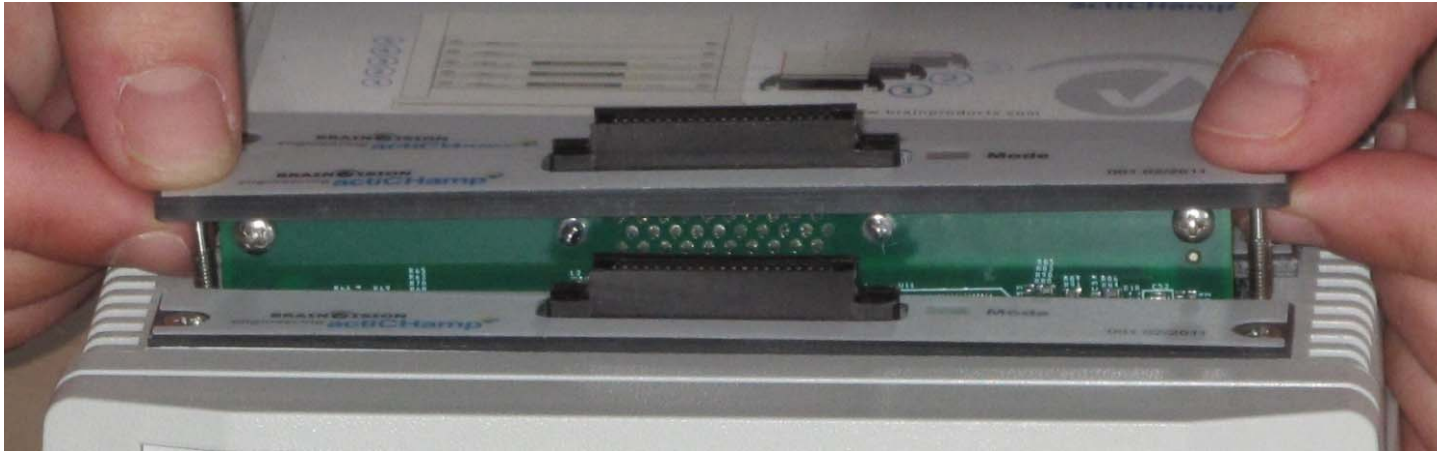


Inserting the module
in the empty space:



There are **slots** in
which the module has
to be inserted.

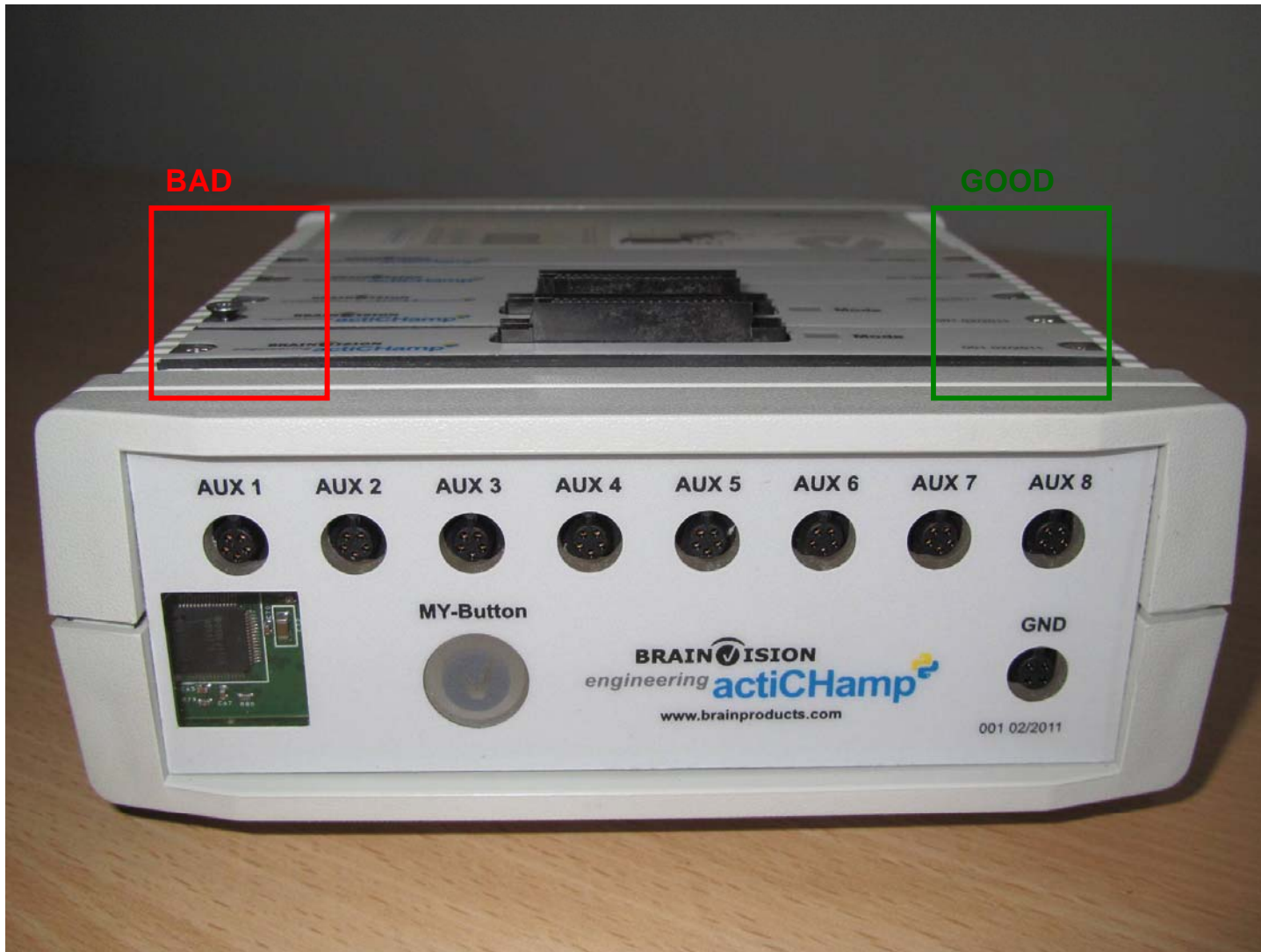
Also, make sure all
actiCHamp logos are
pointing in the same
direction.



Push the module
carefully into the slot.



Finally tighten both screws of the module to fix it.



Make sure all screws are tightened equally.



Now the upgraded actiCHamp (64 channels) is ready to be used.

Once reconnected to the battery / computer, the device will recognize the new module automatically.