

Short User's Guide to the CAEN N470 High Voltage Supply

This is a short list of the most common operations for the N470 High Voltage Supply used in Exercise 3 & 4. The manual can be found at

<http://www.caen.it/nuclear/product.php?mod=N470#>

- To select a channel: F0*(channel number)* e.g. F0*0*
- To set the High Voltage on the selected channel: F1*(type value)* e.g. F1*2000*
- To read the voltage on the selected channel: F6*
- To read the current on the selected channel: F7*
- To turn the selected channel ON: F10*
- To read the maximum voltage on a selected channel (VMAX): F13*

Notes:

- the maximum voltage on the channels has been set to around 2300 Volts (on the potentiometers). Can be checked via F6*.
- the current limits have been set to 2mA (via F2)