

SIGMA RECEIVER AUTO TURNING ON AND OFF

The SIGMA receiver can be turned on and off automatically depending on the level of external power supply (without pressing On/Off button).

Note: Please ensure your Sigma has the power board revision 4. This mode is supported starting revision 4. To get the power board revision number, use the command `print,/par/rcv/ver/pow/hw:on`

Use the following GREIS parameters to configure SIGMA:

1. `/par/pwr/level/off` - parameter for setting of voltage level of external power at which SIGMA will be power-off (in Volts).
Range value: 10 - 30, step: 0.01
Default value: 10

Example: `%%set,/par/pwr/level/off,10.7`

2. `/par/pwr/level/on` - parameter for setting of voltage level of external power at which SIGMA will be power-on (in Volts).
Range value: 10 - 30, step: 0.01
Default value: 11

Example: `%%set,/par/pwr/level/on,11.85`

3. `/par/pwr/mode` - parameter determining a mode of operation of SIGMA: works from external power or batteries or only external power.
Value: auto - external power or batteries, ext - external power
Default value: auto

Example: `%%set,/par/pwr/mode,auto` or `%%set,/par/pwr/mode,ext`

4. `/par/pwr/curmode` - retrieves the current mode of operation of SIGMA (only print)

Example: `print,/par/pwr/curmode`

Note:

1. The voltage level of device turning on should be higher than the voltage level of turning off (minimum difference is 1 V).
2. This mode will be activated if the voltage level of external power is higher than the turning on voltage level. Please use the command `print,/par/pwr/mode`, to check the status of this mode (the answer should be ext).

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3. The SIGMA receiver can be turned on by pressing On/Off button of the TriPad interface, if the device was turned off automatically.

Please see the example of configuration and activation of this mode:

1. Set command: `%%set,/par/pwr/level/off,10.7`
2. Set command: `%%set,/par/pwr/level/on,11.85`
3. Set command: `%%set,/par/pwr/mode,ext`

Note: The mode will be activated when the voltage of external power will be more than voltage of turning on of device 11.85V (set by the command `%%set,/par/pwr/level/on,11.85`). You can use the command `print,/par/pwr/curmode`, to check the current status (if answer `ext - mode` is activated).