

KISS Taranis LUA Script



With the upcoming new KISS FC/CC Firmware v1.2 and GUI v1.15.6 and greater you will be able to change and save certain values with Lipo attached. This will make tuning sessions on the field much easier and will provide stress-free VTX adjustments at racing events.

Possibly dangerous settings like changing receiver, orientation and such are excluded and greyed out in the GUI. You will be able to change PIDs, Rates, Filters, Alarms and VTX with lipo attached.

Important! Backup your settings (SD-card content, models, EEPROM) on the Taranis before you proceed with the update to v2.20 RC10! Best use a freshly formatted SD card and copy the [SD card folder structure V0005](#) onto it.

You might also need the ZADIG bootloader driver workaround on a Windows computer: <http://zadig.akeo.ie/>

- First you will need to update your Taranis firmware to the latest nightly build v2.20 RC10 **or any version higher than RC11**, e.g. RC12ff – RC11 had bugs!
<http://www.open-tx.org/2017/01/27/opentx-2.2.0RC10>
- Follow the instructions from here to proceed with the update and install the KISS LUA script
<http://www.nitbeatfpv.com/frsky-taranis-pid-settings> <https://www.youtube.com/watch?v=DsbaftCHpHs>
- Install the new KISS GUI (Chrome App) from the included *kissfc-chrome-gui.zip*
- Flash your KISS FC/CC with the included firmware v1.2x from the extracted zip files

Some helpful links:

- KISS manual by Philipp Seidel:
<http://blog.seidel-philipp.de/flyduino-kiss-fc-manual/>
- How to Flash the KISS FC by Philipp Seidel:
<http://blog.seidel-philipp.de/flyduino-kiss-fc-firmware-update-windows-english/>
- How to install the ZADIG driver:
<http://kiss.flyduino.net/dwkb/installing-the-zadig-windows-driver/>
- Troubleshooting for STM bootloader and Com port drivers:
<http://kiss.flyduino.net/dwkb/troubleshooting-for-stm-windows-drivers/>
- How to install a Chrome App from a folder:
<http://kiss.flyduino.net/dwkb/howto-install-a-chrome-app/>

On your Taranis you will find new pages in the Telemetry section.

Page 1 of 5: PID section

Kiss Setup: PID				1/5
	P	I	D	
Roll	3.00	0.035	10.00	
Pitch	3.00	0.035	10.00	
Yaw	8.00	0.050	0.00	

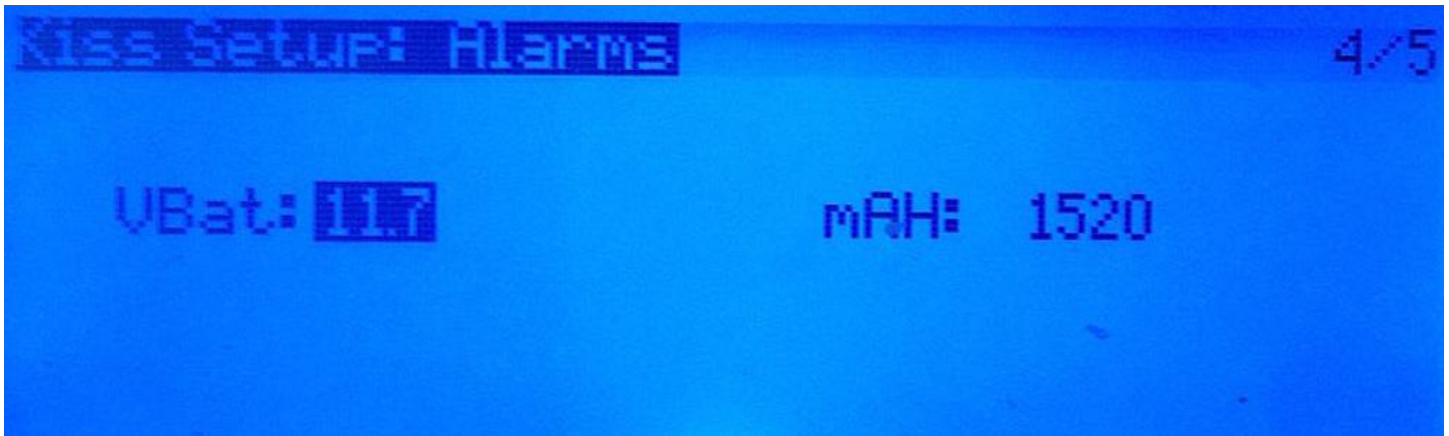
Page 2 of 5: Rates adjustment

Kiss Setup: Rates				2/5
	RC Rate	Rate	RC Curve	
Roll	0.70	0.70	0.40	
Pitch	0.70	0.70	0.40	
Yaw	0.70	0.70	0.40	

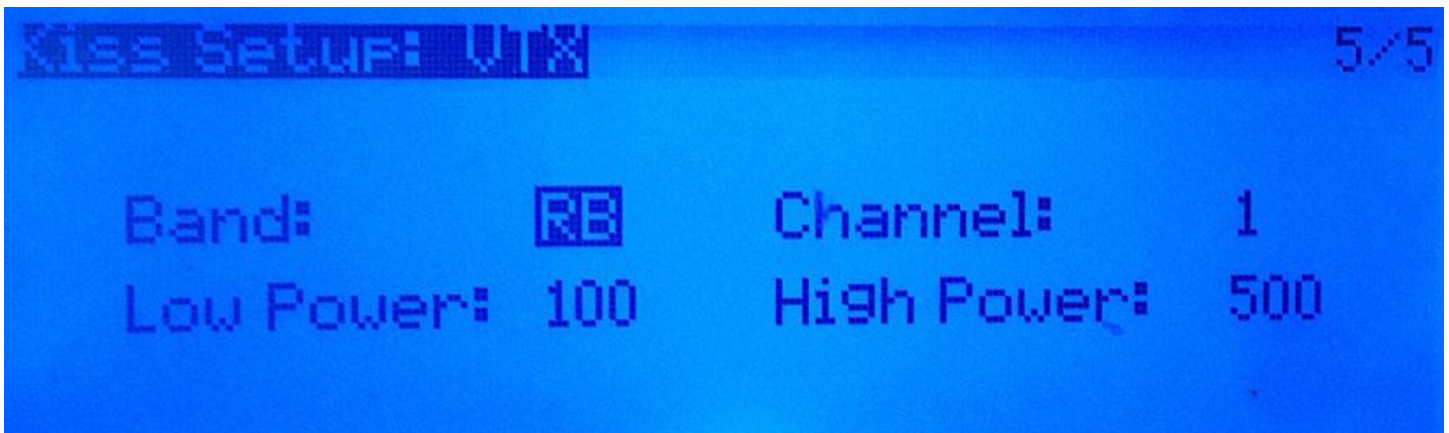
Page 3 of 5: Filter Settings

Kiss Setup: Filters				3/5
LPF:	High	Notch:	Off	
Yaw:	92	Center:	200	
		CutOff:	100	

Page 4 of 5: Voltage and mAh Alarm



Page 5 of 5: VTX Settings



Disclaimer

As with any beta firmware or software please be careful when testing! Use at your own risk.

Taking the props off is mandatory for the whole procedure until you can try it in the wild.