

FPV Freerider - Taranis setup guide

Important update:

(April 7th, 2021)

Since the input system of FPV Freerider have been updated you will most likely be able to just use a standard model setup on your radio on all operating systems.

In fact, since the latest update it is recommended that you use a standard model setup even if you previously needed to change the endpoints. A standard model will probably get you the best calibration.

This document is just kept for historical reasons.

The FrSKY Taranis radio most often seems to work just fine plugged in as it is via USB.

In older versions of FPV Freerider you sometimes needed to change the endpoints on your radio to get it calibrated correctly. This should no longer be necessary. This document is just kept for historical reasons.

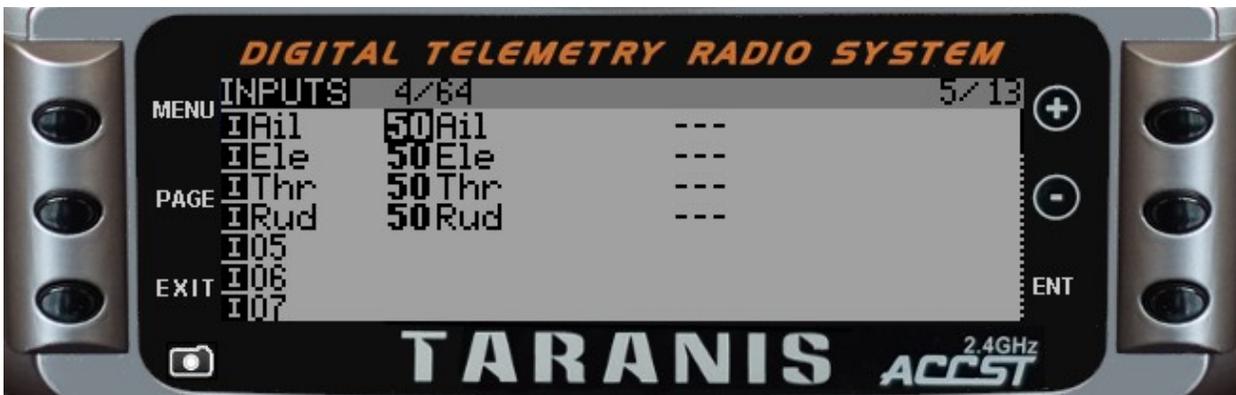
Previously, the endpoints needed to be set to go from 0 at minimum to 100 at maximum (instead of -100 to +100).

Setting up the Taranis radio can be done in two ways, depending on preference -

First, create a new model and name it to your liking. FPVFreerider seems a good name ;)

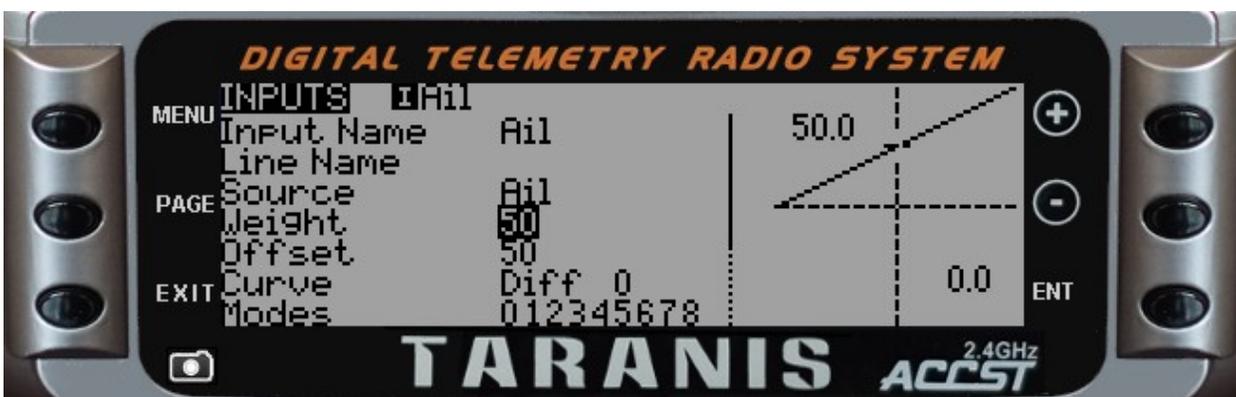


Then hit the PAGE button until you get to the INPUTS page.



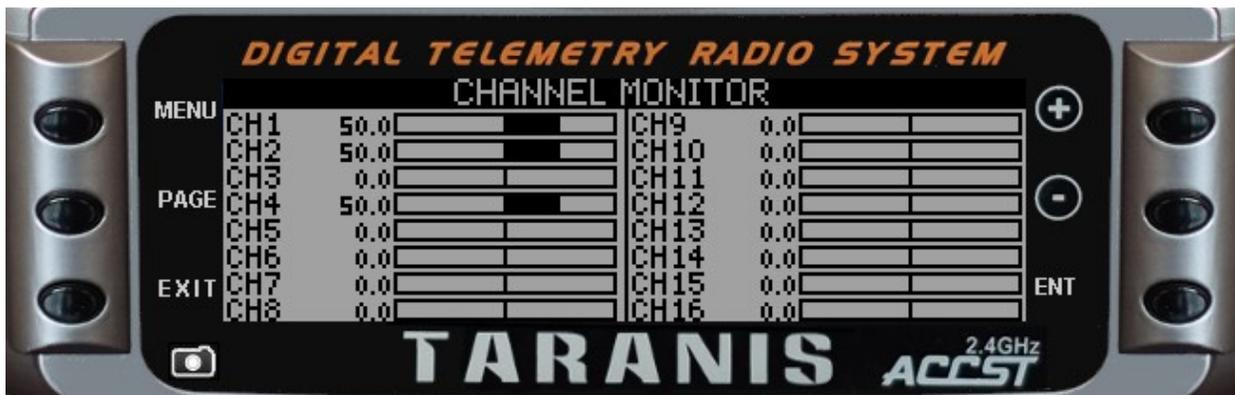
Here, select the first channel, AIL in this example long press the enter button and select EDIT.

Go down and for the WEIGHT enter 50. Do the same with OFFSET, enter 50.



You need to do the same procedure for all the channels: AIL, ELE, THR, RUD.

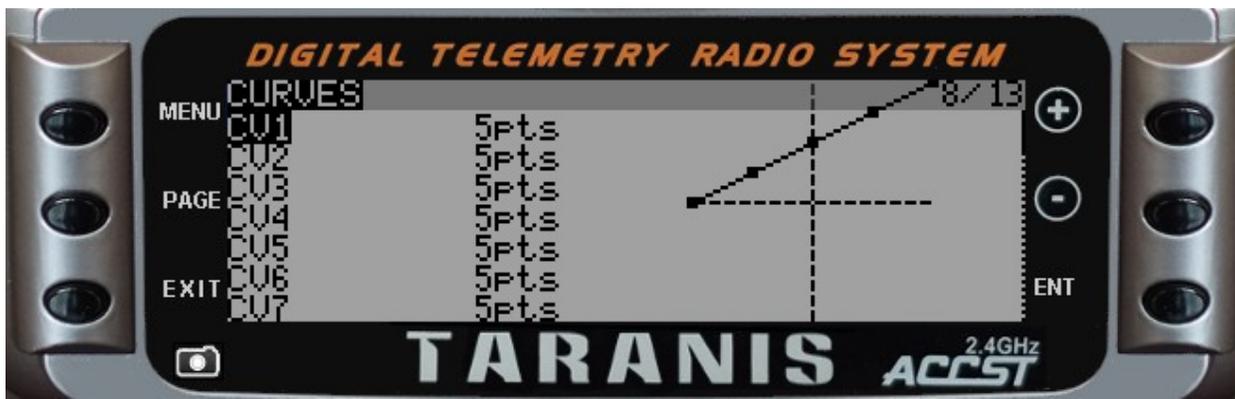
Once you have set the weight and offset for all the channels, exit to the main screen and press PAGE until you get to the CHANNEL MONITOR page. It should look like the image below and if you move the sticks you can see the channels move only from half to max.



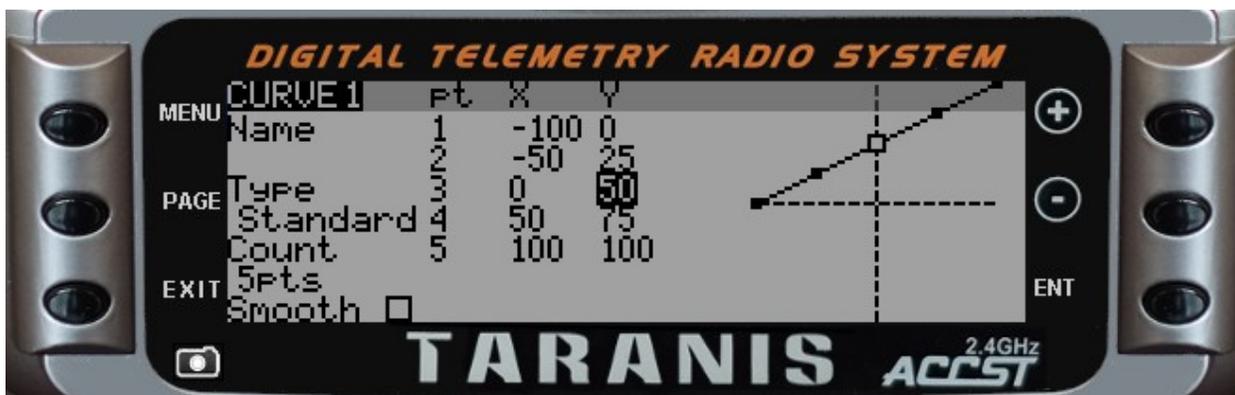
The other way to achieve the same thing is using curves.

After you've setup the new model in the radio, press PAGE until you get to the CURVES settings.

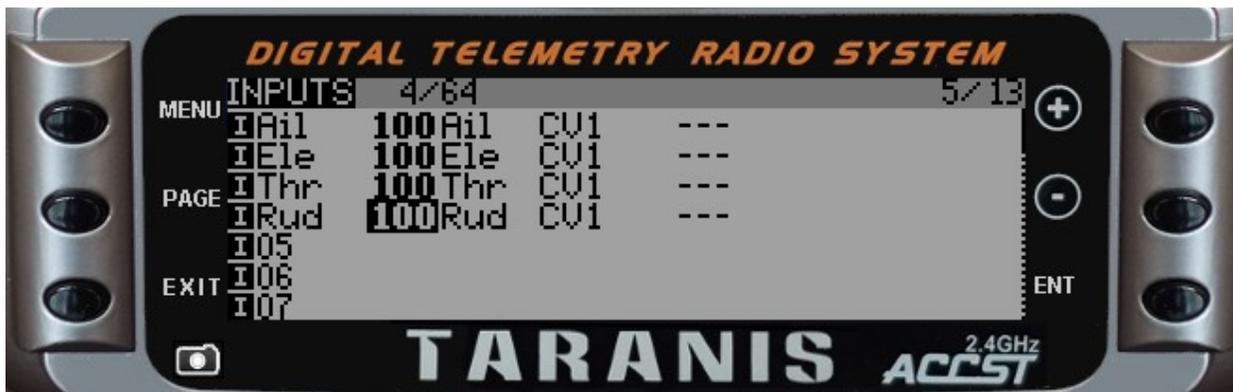
Select the first one, CV1 and long press ENTER to edit.



In the CURVE1 enter 0, 25, 50, 75, 100, like in the below picture.

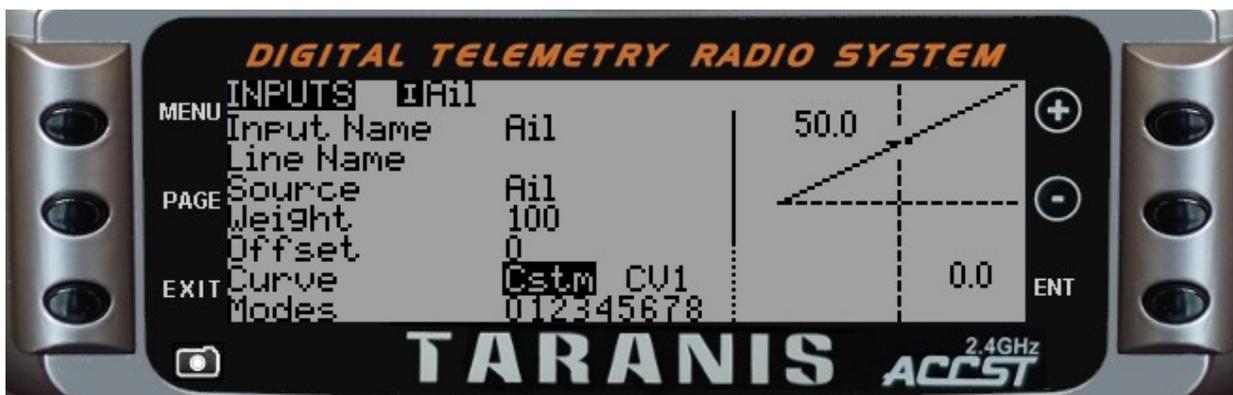


Then go back to the INPUTS page.

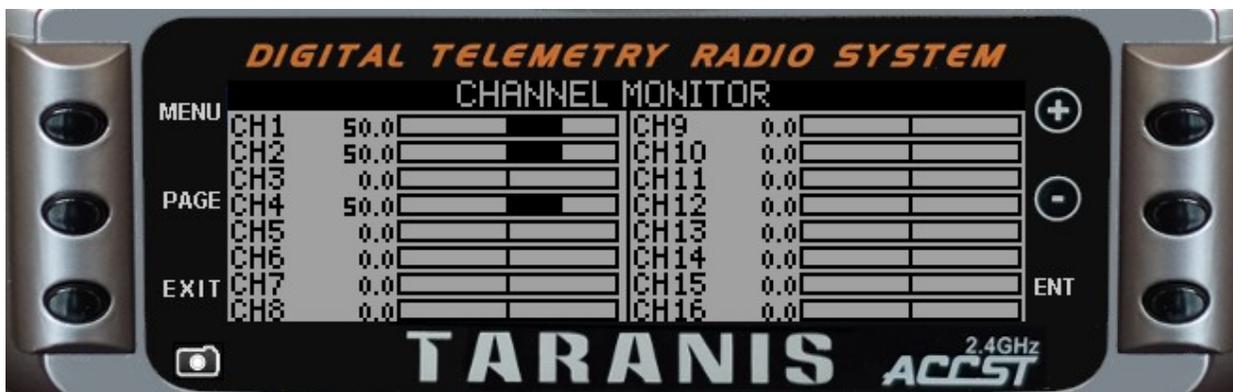


Enter edit mode with long press ENTER, and on the Curve setting, choose Cstm and CV1, like the picture shows.

You have to do this for all the channels.



Once you are done, exit to main screen and go to CHANNEL MONITOR to verify.



As you plug in your radio to your computer, choose "Joystick" . Now you only have to Calibrate Controller in the main menu screen of FPV Freerider and go practice.

Please note that during the calibrate controller procedure in Freerider, sometimes the automatic stick detection gets it wrong. If needed, it is possible to manually override the automatic stick detection -

Keep an eye on the little circles above the OK button. Instead of clicking OK you can click on the circle that you see is the correct one for each channel. (You will still need to keep the stick all the way in the direction shown while clicking in order for the calibration to work correctly).

And, you may also want to switch Internal RF mode off.