

Digital Switch Setup for 6 Spoken Flight Modes on DX9 by Andy Kunz

How do I set up my **DX9** to work with an APM flight controller that has 6 flight modes?

What I am currently doing is using a 3 pos. switch in combination with a 2 position switch and some mixing to get 6 different PWM outputs on the gear channel to get my flight modes.

This works fine for accessing the flight modes on the APM. However I haven't figured out a good way to get the **DX9** to announce which mode it's in. I am currently using switch change reports but the mode the three position switch selects depends on the 2 position switch state.

Is there a way to get the **DX9** to announce what flight mode it's in based on the actual PWM output of a channel? In other words, have it announce the mode when the channel output changes, rather than when the switch changes position?

I have only done a cursory read of the flight mode setup in the **DX9** manual but it looks like the plane setup only allows 5 flight modes. I need 6.

Can you set up a multirotor as a sailplane (and keep the multirotor avatar) in order to get more than 5 flight modes?

Yeah, it's WHY we made the Digital Switch Setup function!

Create your FM table using those two switches.

Go to Digital Switch Setup screen and assign a position to each flight mode. Make sure it controls your model the same way.

Now just assign the speech you want for each FM.

Andy