

ATTENTION

Please note that if the flight control is restored to the factory or the firmware is upgraded, it is recommended to refer to the following for PID and Filter settings. (writing the configuration file provided by jhemcu will automatically complete the modification)

PID Tuning

Profile: Profile 1 Rateprofile: Rateprofile 1

PID Profile Settings Rateprofile Settings Filter Settings

	Proportional	Integral	D Max	Derivative	Feedforward
Basic/Acro					
ROLL	23	22	28	17	120
PITCH	24	22	29	17	125
YAW	45	80	0	0	120

Mode: OFF

		Low	Default	High
Damping: D Gains	1			
Tracking: P & I Gains	1			
Stick Response: FF Gains	1			

1. Set the arrow to "off" and then adjust the PID parameters with reference to the above figure.

Filter Settings

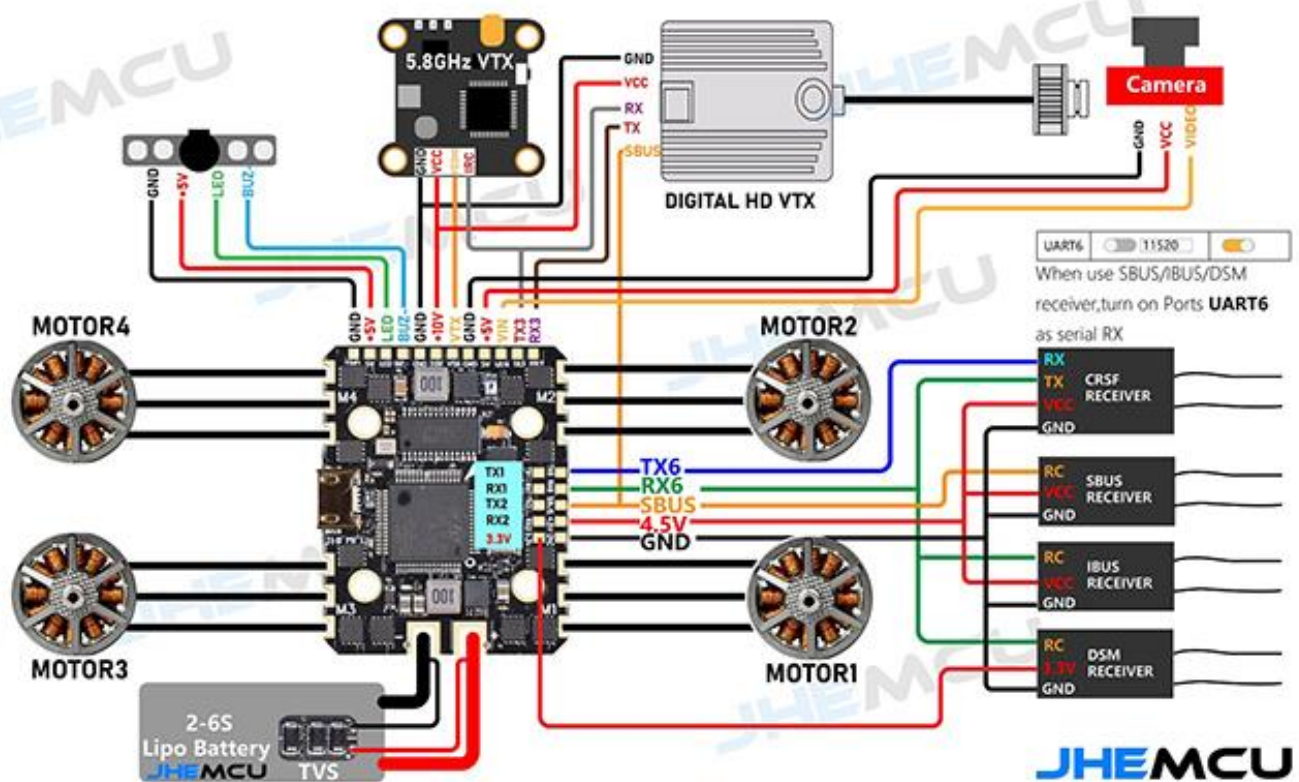
Use the sliders to adjust your filters. Sliders must be switched off to make manual changes.
Moving sliders to the right gives higher cutoff values and may improve propwash, but will allow more noise through to the motors, making them hotter.
Most clean builds with rpm filtering will be OK with the gyro lowpass slider hard right, or with only lowpass 2 active and the sliders in the middle.
WARNING: Be VERY cautious when moving D sliders to the right! Check motor temperature after each change!
Note: Changing profiles will only change the D-term filter settings. Gyro filter settings are the same for all profiles.

		More Filtering	Default Filtering
Gyro Filter Multiplier:	0.55		
D Term Filter Multiplier:	0.8		

Note: Sliders range is restricted because you are not in expert mode. This range should be suitable for most builds.

2. Adjust the filter setting as shown in the figure. The value in the first row is 0.55, and the value in the second row is 0.8 (sliding slider)

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