

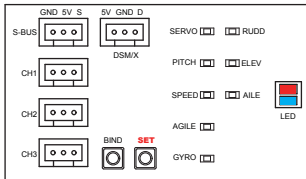
OMP HOBBY™

M1 FLIGHT CONTROLLER SETTINGS



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DIAGRAM OF FLIGHT CONTROLLER

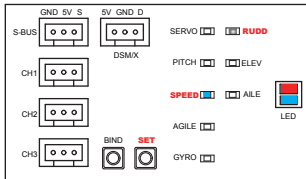


SET	Menu setting button
RUDD	Rudder setting mode
ELEV	Elevator setting mode
AILE	Aileron setting mode
SERVO	Servo central point setting
PITCH	Pitch setting
SPEED	Rate indicator
AGILE	Agility indicator
GYRO	Gyro gain indicator

Note: Bind transmitter to flight controller, wait for the initialization, then start settings.

YAW SETTING

Press SET for 3 seconds – RUDD light on – SPEED light flashes

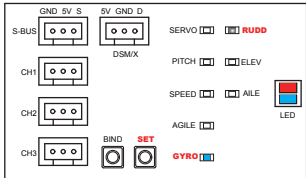


YAW RATE SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **RUDD** light is on and **SPEED** light flashes. When the **SPEED** light flashes 5 times it indicates factory default yaw rate. Move the elevator stick up and down to increase or decrease the yaw rate setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the **SET** key for 3 seconds to save the setting.

YAW SETTING

RUDD light on – click SET – GYRO light flashes



YAW GAIN SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **RUDD** light is on and **GYRO** light flashes. When the **GYRO** light flashes 5 times it indicates factory default yaw gain. Move the elevator stick up and down to increase or decrease the yaw gain setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the **SET** key for 3 seconds to save the setting.

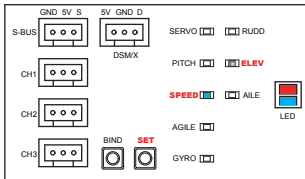
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PITCH SETTING

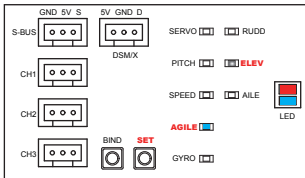
Press **SET** 3 seconds – **ELEV** light on –
SPEED light flashes



PITCH RATE SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **ELEV** light is on and **SPEED** light flashes. When the **SPEED** light flashes 5 times it indicates factory default pitch rate. Move the elevator stick up and down to increase or decrease the pitch rate setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the **SET** key for 3 seconds to save the setting.

ELEV light on – click SET – AGILE light flashes

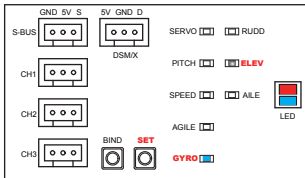


PITCH AGILITY SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **ELEV** light is on and **AGILE** light flashes. When the **AGILE** light flashes 5 times it indicates factory default pitch agility. Move the elevator stick up and down to increase or decrease the agility setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the SET key for 3 seconds to save the setting.

PITCH SETTING

ELEV light on – click SET – GYRO light flashes

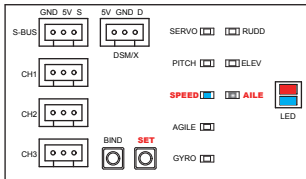


PITCH GAIN SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **ELEV** light is on and **GYRO** light flashes. When the **GYRO** light flashes 5 times it indicates factory default pitch gain. Move the elevator stick up and down to increase or decrease the gain setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the **SET** key for 3 seconds to save the setting.

AILERON SETTING

Press **SET** 3 seconds – **AILE** light on – **SPEED** light flashes

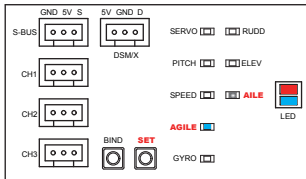


AILERON RATE SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **AILE** light is on and **SPEED** light flashes. When the **SPEED** light flashes 5 times it indicates factory default aileron rate. Move the elevator stick up and down to increase or decrease the rate setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the SET key for 3 seconds to save the setting.

AILERON SETTING

AILE light on – click **SET** – **AGILE** light flashes

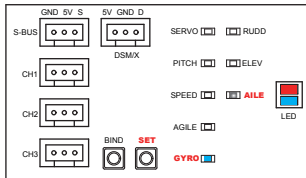


AILERON AGILITY SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **AILE** light is on and **AGILE** light flashes. When the **AGILE** light flashes 5 times it indicates factory default aileron agility. Move the elevator stick up and down to increase or decrease the agility setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the **SET** key for 3 seconds to save the setting.

AILERON SETTING

AIL light on – click SET – GYRO light flashes

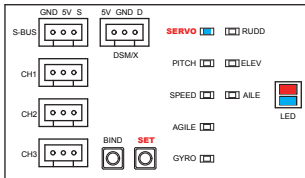


AILERON GAIN SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **AIL** light is on and **GYRO** light flashes. When the **GYRO** light flashes 5 times it indicates factory default aileron gain. Move the elevator stick up and down to increase or decrease the gain setting. The amount of flashes indicates the level, 1 being the lowest to 9 being the highest. After the desired level is achieved, press the **SET** key for 3 seconds to save the setting.

SERVO MID-POINT SETTING

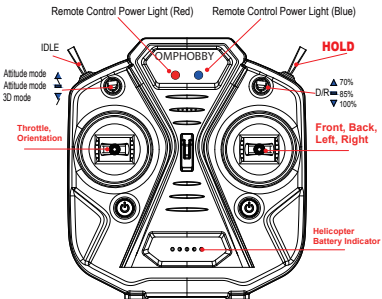
SERVO MID-POINT SETTING



SERVO MID-POINT SETTING

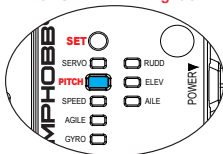
To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **SERVO** light is on. Use the sticks of aileron, elevator, and rudder to setup the mid-point of the servos. **CH1** is for aileron, **CH2** for elevator, and **CH3** for rudder. After desired mid-point is achieved, press **SET** key for 3 seconds to save the setting.

Transmitter description



COLLECTIVE PITCH SETTING

Click **SET** – **PITCH** light on

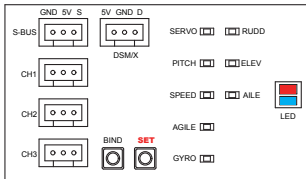


COLLECTIVE PITH SETTING

To adjust flight controller settings, press the **SET** key for 3 seconds. Click **SET** key until **PITCH** light is on. Toggle the hold switch of radio transmitter to activate the throttle-cut. Begin by moving the throttle stick to 50% mid-point and using a pitch gauge ensure a reading of zero. Then move the throttle stick to the highest position, use the elevator stick to increase or decrease the angle of pitch to your desired setting. Move the throttle stick to the lowest position, use the elevator stick to increase or decrease the angle of pitch to your desired setting. The default factory settings are 12.5 degrees on both ends. After your desired setting is achieved, press **SET** key for 3 seconds to save the setting.

RESET DEFAULT SETTINGS

Click SET 10 times



RESET DEFAULT SETTING

After a radio is bound to the helicopter, click **SET** key ten times, the blue and red **LED** lights of the flight controller will flash at the same time. Reset is done after the initialization of flight control.

DIAGRAM OF FLIGHT CONTROL SETTINGS

White light on	Blue light flashes. 5 continuous flashes indicate factory default setting	Push elevator stick once to add a value, and pull elevator stick once to decrease a value. A set of continuous flashes indicates the value of a level. Values range from 1 to 9.
RUDD Rudder	SPEED GYRO	
ELEV Elevator	SPEED AGILE GYRO	
AILE Aileron	SPEED AGILE GYRO	

blue light lighting

Servo central point setting	CH1 for aileron
	CH2 for elevator
	CH3 for rudder