

Settings H1 Flying FW450L

H1 Heli

v2.0



Disconnect

Port COM4

Read completed

Total flight time:54minute

Heli type:FW450L

Main

Main Rotor

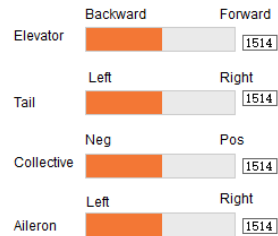
Parameters

Sensor

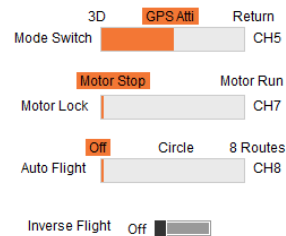
Tail Gain



Tutorial video



Joystick stroke calibration



Throttle Control



H1 Heli

v2.0



Disconnect

Port COM4

Read completed

Total flight time:54minute

Heli type:FW450L

Main

Main Rotor

Parameters

Sensor

Main Rotor Setting

Make sure you switch to 3D mode on your transmitter.

If you crashed your helicopter and broke your servo arms, Please centre all servos first before installing new servo arms by clicking "Start Position".

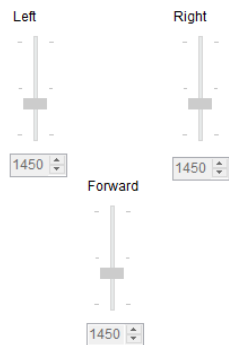
Swashplate Levelling
Use the 3 sliders to adjust Swashplate until it is level then click OK.

Collective Pitch
1. Click "Zero Coll" and adjust the slider to set the main blade at 0 pitch. Click "Done" when complete.
2. Click "Max Pos" to set Maximum Positive pitch (+). Click "Done" when complete.
3. Click "Max Neg" to set Maximum Negative pitch (-). Click "Done" when complete.

Recommended Max Pitch: at least +12 and -12.

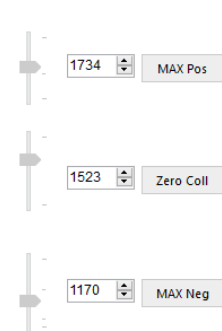
For FW450L users, You can use the marks on top of the main rotor head and main blade holder as reference.

Swash Trim



Servos Trim

Collective Pitch



Done

Settings H1 Flying FW450L

H1 Heli

v2.0

Disconnect

Port

COM4

Read completed

Total flight time:54minute

Heli type:FW450L

MainMain RotorParametersSensor

Maneuverability▶Soft mode▶Standard Flight▶Sport mode

ACRO-3D

Swash Gain50%

Swash EXP50%

Roll Rate

MINMAX

40%

Agility

PreciseNormalSlow

50%

Tail Rate

SlowFast

25%

Collective Precompensation10%

GPS-Attitude Mode

Self-Stabilization50%

Fixed Braking Force7%

MAX Flight Speed28 KM/H

AltHold Sensitivity57%

3D securityOff

5

FW450L Restore Default Settings

H1 Heli

v2.0

Disconnect

Port

COM4

Read completed

Total flight time:54minute

Heli type:FW450L

MainMain RotorParametersSensor

Maneuverability▶Soft mode▶Standard Flight▶Sport mode

ACRO-3D

Swash Gain50%

Swash EXP50%

Roll Rate

MINMAX

45%

Agility

PreciseNormalSlow

50%

Tail Rate

SlowFast

37%

Collective Precompensation10%

GPS-Attitude Mode

Self-Stabilization50%

Fixed Braking Force30%

MAX Flight Speed54 KM/H

AltHold Sensitivity57%

3D securityOff

5

FW450L Restore Default Settings

Settings H1 Flywing FW450L

H1 Heli

v2.0



Disconnect

Port COM4

Read completed

Total flight time:54minute

Heli type:FW450L

Main

Main Rotor

Parameters

Sensor

Maneuverability ▶ Soft mode ▶ Standard Flight ▶ Sport mode

ACRO-3D

Swash Gain 50%

Swash EXP 50%

Roll Rate MIN MAX 55%

Precise Normal Slow Agility 50%

Slow Fast Tail Rate 50%

Collective Precompensation 10%

GPS-Attitude Mode

Self-Stabilization 50%

Fixed Braking Force 61%

MAX Flight Speed 72 KM/H

AltHold Sensitivity 57%

3D security Off 5

FW450L Restore Default Settings

H1 Heli

v2.0



Disconnect

Port COM4

Read completed

Total flight time:54minute

Heli type:FW450L

Main

Main Rotor

Parameters

Sensor

Compass considerations

Every time you install a new machine, or change the flight control installation position, you need to calibrate the compass, otherwise you will not be able to unlock or cause crash. The steering gear and motor on the helicopter are all strong magnetic equipment, which will interfere with the flight control compass. Please install the flight control as far as possible from these magnetic equipment. Pay special attention to keep away from the high current conductor, and the large current conductor will also generate magnetic interference. Once the installation and calibration have been successfully completed, the GPS module position must not be moved at will, otherwise it will need to be recalibrated.

Calibration method

After the flight control and GPS module are installed firmly, click to start calibration. Pay attention to each side of the helicopter, as shown in the instructional video. After the progress is completed, the calibration will be prompted. If the calibration fails at all times, please be aware of the magnetic interference on the helicopter or the indoor environment in which you are located.

External Magnetometer(GPS)

Internal Magnetometer(H1) ☐ Automatic restart

Magnetometer Calibration

Cancel

HDOP -- GPS star 0

Voltage The battery is not detected

Low Battery Protection On

Current Voltage 3.60

Tutorial