Table of Contents

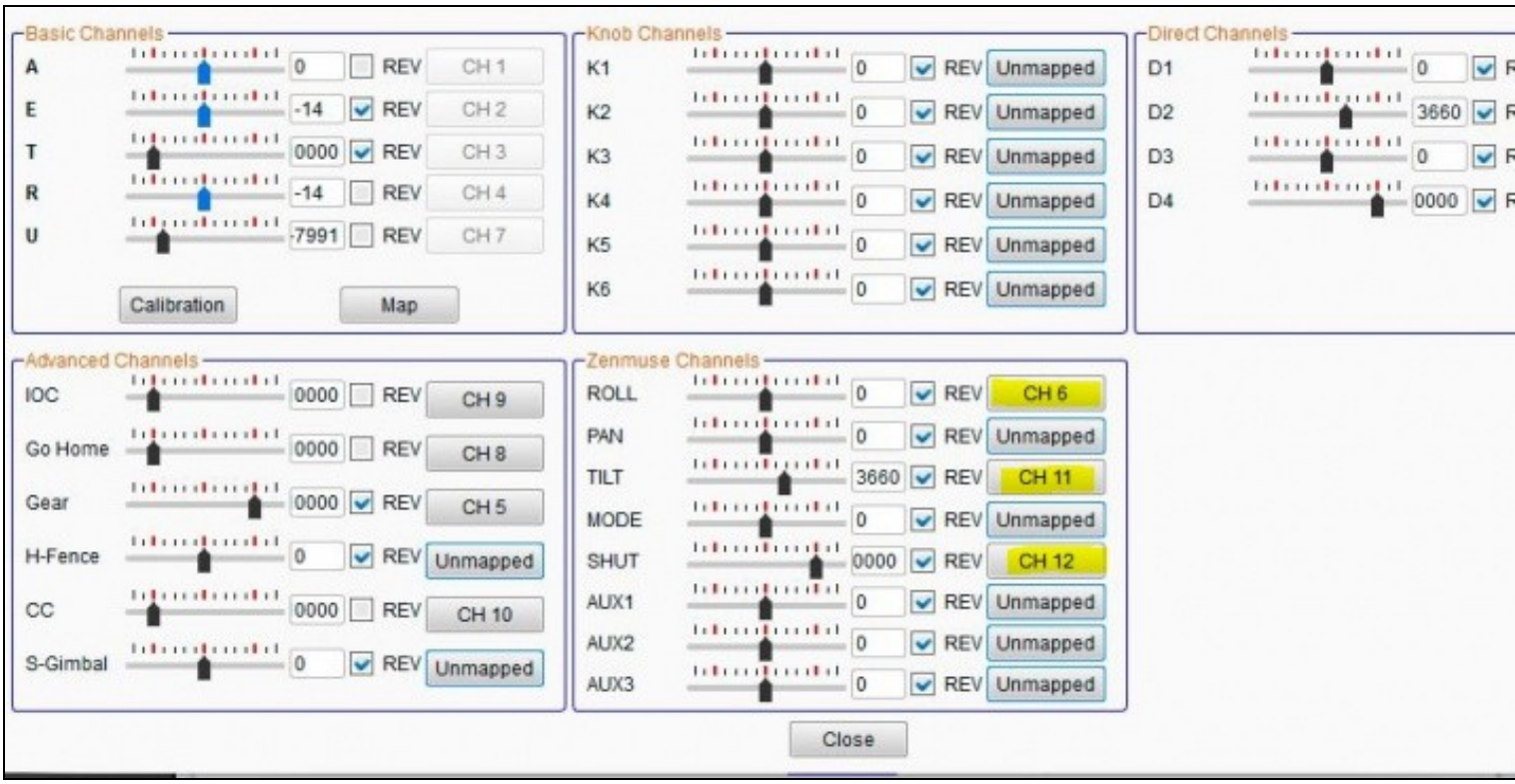
1 Check DJI Assistant settings

Download this subcategory as PDF file

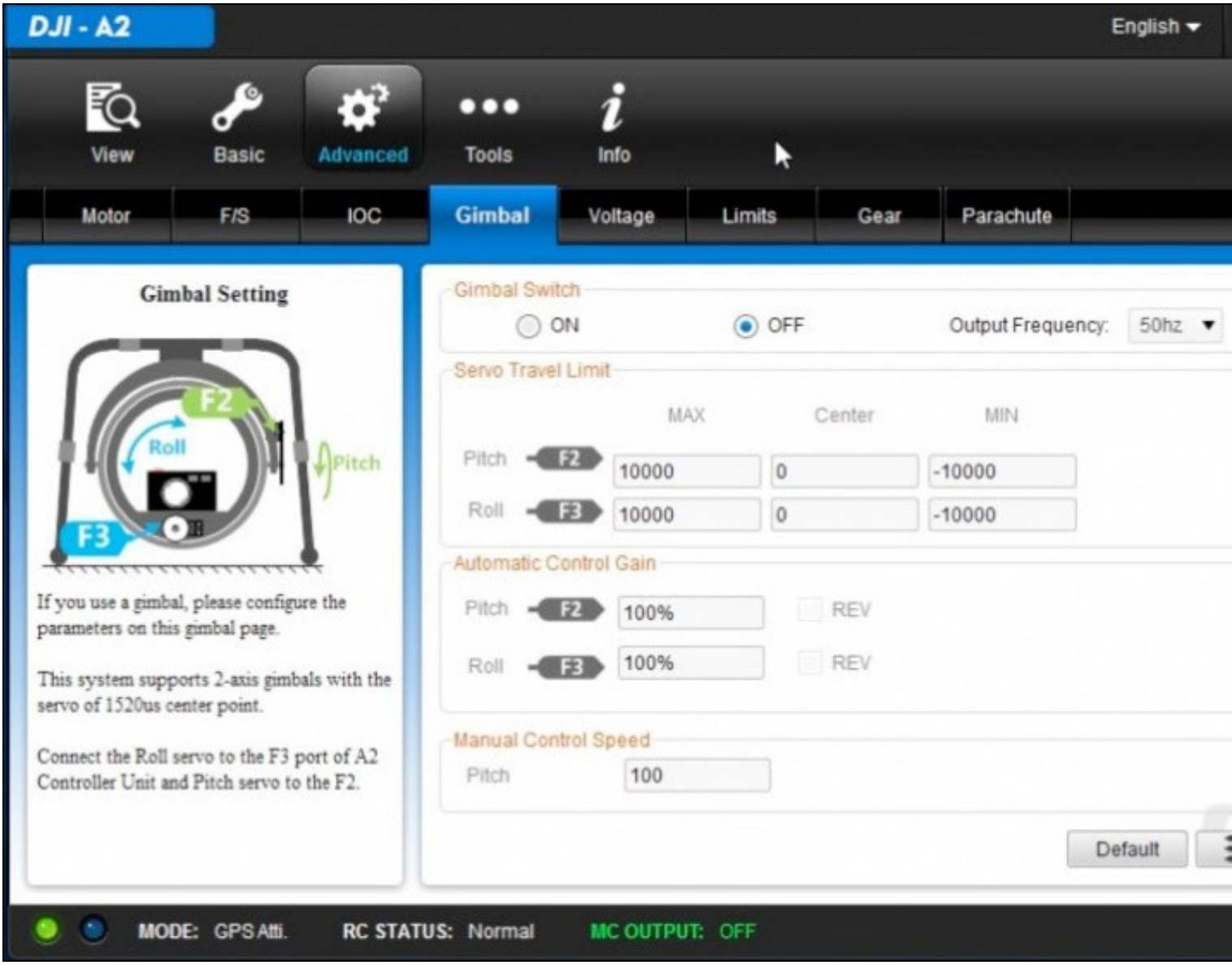
Open DJI Assistant Software

Connect vehicle to computer

Unmap all the Gimbal and Direct channels (marked with yellow)



Make sure Gimbal Switch is OFF


DJI - A2
English
View
Basic
Advanced
Tools
Info
Motor
F/S
IOC
Gimbal
Voltage
Limits
Gear
Parachute
Gimbal Setting
F2
Roll
Pitch
F3
If you use a gimbal, please configure the parameters on this gimbal page.
This system supports 2-axis gimbals with the servo of 1520us center point.
Connect the Roll servo to the F3 port of A2 Controller Unit and Pitch servo to the F2.
Gimbal Switch
ON
OFF
Output Frequency:
50hz
Servo Travel Limit
MAX
Center
MIN
Pitch
F2
10000
0
-10000
Roll
F3
10000
0
-10000
Automatic Control Gain
Pitch
F2
100%
REV
Roll
F3
100%
REV
Manual Control Speed
Pitch
100
Default
MODE: GPS Atti.
RC STATUS: Normal
MC OUTPUT: OFF

2 WooKong-M with Zenmuse Z15 Gimbals

Download Connecting UgCS and DJI A2 / WooKong-M with Zenmuse Z15 Gimbals as a PDF book

2.1 Connecting UgCS and DJI A2, Naza-M v2, Phantom 2, Wookong-M

- Wiring
- Check DJI Assistant settings
- Review DJI Ground Station settings

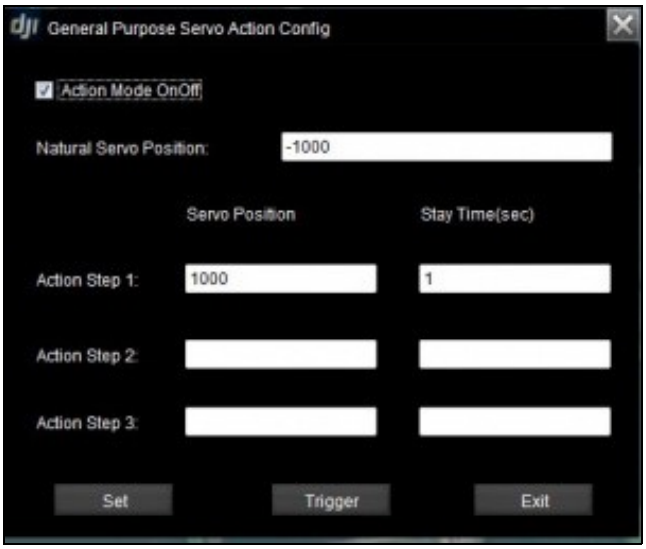
3 Review DJI Ground Station settings

Download this subcategory as PDF file

Open DJI Ground Station and connect to the A2 / Wookong M

Click "ToolBox" --> "GP Servo Action Config"

Enable "Action Mode OnOff" and set following



Click the Trigger button. Camera should make a shot.

Now camera triggering can be activated by UgCS.

4 Wiring

Make sure the F2 Port (A2) is connected to the shutter port of the Zenmuse. Depending on Zenmuse firmware it may be needed to additionally connect one (any) additional port to autopilot. Then enable shutter port listing at DJI Assistant software.
Disconnect the CAN Bus cable which connects the Zenmuse to the A2 or IOSD.
Controlling the gimbal from RC controller is still possible by connecting the receiver directly to the Zenmuse GCU.