DJI Flamewheel F550 RTF package
DEVO 7 Setup for NAZA V2

storm

Step 1 - Set Fixed ID on the transmitter

Skip this part if you have a brand new DJI F550 RTF Package, we have already done before we ship.

Inside the drone, the RX701 Reciever, if it's flashing Red rapidly, then you need to do this re-binding step.

1. Make sure you have NOTHING plugged into BATT port on the RX701 receiver.

2. On the transmitter, goto MODEL > FIXED ID, press ENT, if it is showing the code, then press ENT again, press one more time, it's showing RUN, press "R" to choose NO, press ENT again, it's showing FIXID, press "R" again to choose OFF, then press EXT, and turn off transmitter.

3. Plug the bind plug into Batt port on the RX701 receiver, with this plug still in BATT port and power up the drone, you will see receiver flashing red slowly, then means old code has been erased, unplug drone battery and remove this bind plug.

4. Now you need to activate the Fixed ID function.
Turn on transmitter, then make sure Throttle Stick is all the way down, all trimming is neutral, both corner FMOD switch and Throttle Switch is off (pointing backward) and all switches on the transmitter pointing upward, then turn off transmitter.

5. Connect drone battery, the receiver will start flashing, place drone on flat surface.

6. Turn on transmitter, you should see black box running on the transmitter screen, do no touch anything or you will break the searching mode.

7. Do not touch anything (around 7-10 seconds) until transmitter stop flashing and you will see the RX701 receiver have solid light, that means binding has completed.

8. On the transmitter, goto MODEL > FIXED ID, turn it ON, then press DN button to confirm the code, then press ENT, and press ENT again to confirm, it will ask you to RUN, choose YES and press ENT. From now on your receiver is bound to this memory on your DEVO 7.

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Step 2 - Enter these parameters into your DEVO 7

Skip this part if you have a brand new DJI F550 RTF Package, we have already done before we ship.

1. [MODEL] > [TYPE] > AERO

2. [MODEL] > [INPUT] > FM SW = FMD
   [MODEL] > [INPUT] > FMTRM = COMM
   [MODEL] > [INPUT] > HLDSW = HOLD

3. [MODEL] > [OUTPUT] > GEAR = FMD and ACT
   [MODEL] > [OUTPUT] > FLAP = MIX and ACT
   [MODEL] > [OUTPUT] > AUX2 = AUX2 and ACT

4. [MODEL] > [AMPLI] > +20

5. [FUNCTION] > [REVSW] > GEAR = REV
   [FUNCTION] > [REVSW] > FLAP = REV
   [FUNCTION] > [REVSW] > AUX2 = REV

6. [FUNCTION] > [TRVAD] > GEAR = +83.5% / -83.5%
   [FUNCTION] > [TRVAD] > FLAP = U88.0% / D88.0%

7. [FUNCTION] > [SUBTR] > GEAR = -5.5%
   [FUNCTION] > [SUBTR] > FLAP = D5.0%

8. [FUNCTION] > [SAFE] > GEAR = SAFE / +40%

These are the default settings on the DEVO 7 we sent you, if you have messed up the settings, please follow this sheet and re-enter them to the DEVO 7 transmitter.

Step 3 - How to start the DJI F550 RTF Package

1. Put drone in open ground, smooth and leveled surface.

2. Make sure no tall buildings blocking GPS signals.

3. Make sure throttle stick is lowest, and FMOD switch is at 0 Position, and MIX switch is also at 0 Position.

4. Turn on transmitter, and connect drone battery.

5. Once drone is powered on, it should have flashing LED, please refer to NAZA manual about what the LED means, that tells you the drone's status.

6. Wait until drone is flashing green slowly, that means GPS signal reception is very good.

7. Very Important!! Wait a little longer until you see green light flashing quickly for 13 times, that means Home Point has bee recorded on the ground. If you don't wait for this and fly, the drone will record Home Point in mid air and bad thing will happen.

8. Move Left stick to Lower Left, move Right stick to Lower Right to unlock Throttle.
Now rotors should be spinning.

9. During rotors are spinning, you can add throttle to lift off. (Throttle stick past 55% for NAZA V2)

   Very Important!! If you see drone slighly tilt to one side during start up, that means the Gyro readings are not leveled, you need to connect drone to computer and use NAZA software to calibrate the Gyro to regain horizontal. Please refer to NAZA Manual for how to do the calibration.

10. When drone is in mid-air, you can control the throttle stick to make it go up or down.

Q. ***Nothing happened when I unlock throttle?***

A. Connect drone to NAZA Software, in the "Command Sticks Calibration" section, check the R, E and A box, see any of those boxes not Green color? If yes, NAZA Gyro will think your stick not neutral yet, try trimming the transmitter to move the box that is offset back to central again. Once NAZA know the R, E and A box are green, it will allow you to unlock throttle.

Q. ***What is ATTI mode?***

A. ATTI mode means drone is flying with Altitude Sensor only, no GPS sensor.
If you are flying in urban area with tall buildings, we recommend you fly with ATTI mode instead of GPS mode. To switch into ATTI mode, switch the FMD switch to position 1.
Drone LED will be flashing Yellow slowly, this is ATTI mode.

Q. ***How long can Flamewheel F550 fly?***

A. With full loading (H3-2D Gimbal + GoPro 3 + FPV Transmitter + iOSD Mini), using the 11.1V 5500mah 30C battery, we have 9~10 minutes of flight time.

Q. ***How to Auto Return Home?***

A. NAZA will record home point automatically after you power on the drone for 1 minute, you should see it flashes Green quickly, that means home point is record.
So when you are flying you want it to go home, simply turn off the transmitter, it will enter Fail Safe mode, it will come back to the home point and land.
For more details about Fail Safe function, please read the NAZA manual.

Auto Go Home is a fail-safe feature, it meant to bring back the drone when thing goes bad, player should not rely on this function to land the drone.

NEVER perform a Auto Return Home when low battery, because Auto Return Home requires 100% motor output, if your battery is low, the motors will stall during the drone decend and result a flip-over and crash!! Always time your flight, always reserve power for every landing.

Q. ***How to perform Compass Calibration?***

A. 1. On your transmitter, flip the FMD switch located on the top right corner to Position 0 (GPS Mode), then turn on transmitter, then put the drone on the table, connect the drone battery.

2. After they are properly bound, flip the FMD switch to Position 1 (Atti Mode) and switch back to Position 0 (GPS Mode), repeat this 5 times (GPS > Atti > GPS), you should have the LED turns Solid Yellow, that means it is in Compass Calibration mode. Now you need to do the "NAZA Dance".

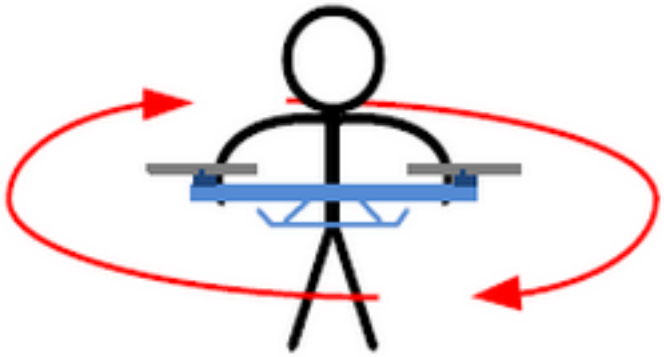


Fig.1

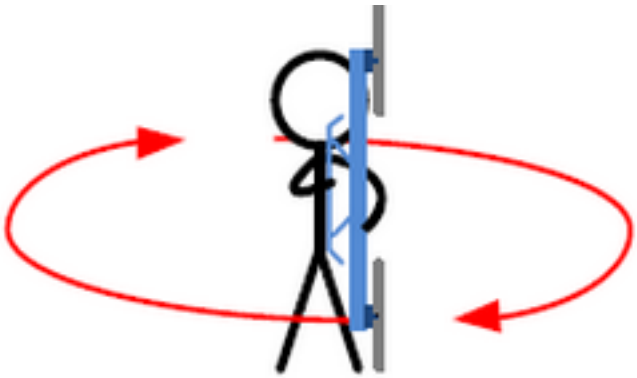


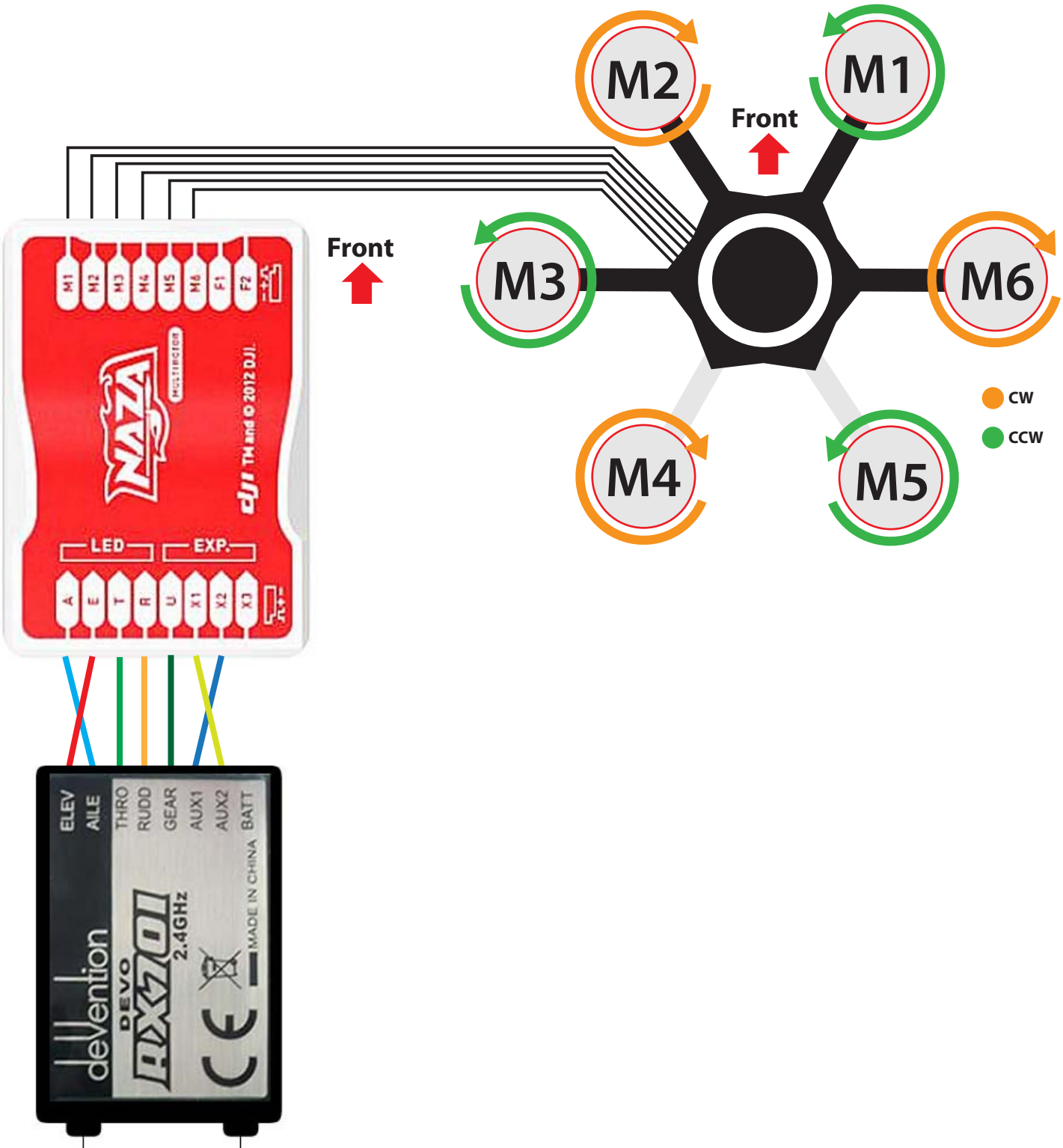
Fig.2

3. (Fig.1) Hold your Drone horizontal with tail pointing towards yourself, rotate your body 360 degrees in 5 seconds (CW or CCW will be fine) until the LED turns solid green, then go to the next step.

4. (Fig.2) Hold your Drone vertically with tail pointing towards the sky, rotate it your body again, also 360 degrees in 5 seconds (CW or CCW will be fine) until the LED turns off, that means compass calibration successful.

5. If the calibration is done, calibration mode will exit automatically. If the LED keeps flashing quickly Red, the calibration has failed. Flip the FMD switch once to cancel the calibration, and then re-start from Step 2.

Please strictly follow the motor spinning direction and the propellers installation.



DJI Flamewheel F550 RTF DEVO 7 Transmitter

Stick Mode 2