FT Aura 5 Lite Powered by



Quick Start Overview: Revised for Firmware v1.25+

LED Status

07/27/2025

Mini Port B for Status LEDs		Orange	Blue	Green	Red
DSMX Satelite RX - This document details the FT Aura 5 specific features + Super PNP Airplanes with an Aura 5 will differ slightly	- Calibrating Sensor	_	000	_	_
+ Consult their manuals for specific differences	- Auto-Detect: Searching for a Receiver	ΦΦ₹	→00 ←	→00 ←	<u>→</u> 00
Micro-USB for Advanced Programming BIND Button	- Powered On and Operating + Not Receiving RX Signal + Receiving Valid RX Signal + Receiving Invalid RX Signal + In Failsafe Condition + Recovered from Failsafe + Launch Assist Mode Activated	000000	100111	100100	
- Press and Hold during Power Up to Start DSMX Remote Binding	- Powered On While Moving (Bad Gyro Calibration)	0	* Any of the	above LED comb	oinations
B Port for SBUS, SRXL/SRXL2, SumD, EX-BUS, JR Mode A/B Digital Output Receivers	- Quick Trim Mode (Hold TRIM button to start) + Learning Trims + Trims Saved	=	0	Ξ	=
S1 S2 S3 S4 S5 TRIM B Servo Outputs Default Servo Output Order S1: Throttle S4: Elevator S2: L. Aileron / L. Elevon S5: Rudder S3: R. Aileron / R. Elevon - All Servo Ports can be reassigned for any Wing/Tail type using the Aura Config Tool TRIM Button - Press and Hold to Learn Trims (()) - Press and Hold again to Save and Apply the Trims (()) - Center Trims on the Transmitter - Press and Hold again until the LEDs turn OFF - The Aura will then restart with the new Trims saved to Aura	- Quick Change Mode (Hold BIND + TRIM to start) + Gyro Correction Check and Reversing + Toggle Flight Mode 2 between 3Axis and 6Axis + Toggle Wing Type between Ailerons and Elevons + Master Gain Toggled On + Master Gain Toggled Off	11100	10111	00 - 00	-
Quick Change Mode - Rasic Setup without Programming	- Quick Flip Mode + Toggle Flight Mode 2 between Gyro Off/3Axis and 6Axis	_		•	

Quick Change Mode - Basic Setup without Programming

- Press and Hold both the **BIND** and **TRIM** Buttons to enter Quick Change Mode (
- After entering Quick Change Mode, you can:

+ Check Gyro Correction Directions

- Roll the Aircraft Wings RIGHT to confirm the Ailerons move in the direction to correct the Wings LEFT
- Pitch the Aircraft Nose UP to confirm the Elevator moves in the direction to correct the Nose DOWN
- Yaw the Aircraft Nose RIGHT to confirm the Rudder moves in the direction to correct the Nose LEFT

+ Change Gyro Correction Directions if needed

- Hold the corresponding Transmitter Stick over for 6 seconds until the Servo reverses direction

+ Toggle Flight Mode 2 between Gyro Off/3Axis and 6Axis Level Assist

- Press and Hold the BIND Button until you see a Blue LED (
 - The Elevator will move 3 times to confirm Flight Mode 2 has changed to Gyro Off/3Axis
 - The Elevator will move 6 times to confirm Flight Mode 2 has changed to 6Axis Level Assist

+ Toggle Wing Type between Ailerons and Elevons

- Press and Hold the TRIM Button until you see a Red LED (
- The Servos will cycle to confirm the change has been stored

+ Toggle On/Off Proportional Master Gain on Ch8

- If you do not move Ch8 on your transmitter, Proportional Master Gain will be left as it is currently set
- Move Ch8 on your transmitter HIGH to turn ON Proportional Master Gain in all Flight Modes (
- Move Ch8 on your transmitter LOW to turn OFF Proportional Master Gain in all Flight Modes (1)
- Press and Hold both the BIND and TRIM Buttons again to exit Quick Change Mode and Restart the Aura

Very Fast Flash: 1 LED Legend Off: Solid On: Slow Flash: Fast Flash:

Quick Flip Mode - Toggle Flight Mode 2 Between Gyro Off/3Axis and 6Axis Level Assist

- With your Transmitter and Aura powered OFF, connect the Battery & wait for the Aura's BLUE LEDs to stop flashing
- Orient the airplane Nose Down vertically and Hold it Steady
 - + The Aura will detect this orientation and Flip Flight Mode 2 between Gyro Off/3Axis and 6Axis Level Assist
 - + The Elevator will move 3 times to confirm Flight Mode 2 has changed to Gyro Off/3Axis
 - + The Elevator will move 6 times to confirm Flight Mode 2 has changed to 6Axis Level Assist
- Return the airplane to a normal orientation, Power Off the Aura, Power On the Transmitter
- Connect your battery as normal. Test Flight Mode 2 and fly! If needed, repeat this mode to Flip Flight Mode 2 again

Launch Assist

- Launch Assist will command a brisk climb while keeping the wings level
- To activate Launch Assist:
 - + HOLD full Left Aileron and full Up Elevator with Throttle Low & Rudder Centered for 3 seconds
- When Launch Assist is active:
 - + The Red LED will start to flash (
 - + The Ailerons and Elevator will move to keep the wings level and command a climb
- If you are having trouble activating Launch Assist:
- + Make sure your Transmitter Trims are centered
- + Keep the aircraft immobile for 5 seconds with the Throttle Low and Ail/Ele/Rud controls centered
- Launch Assist is deactivated and normal control resumes when:
- + Aileron or Elevator control stick is moved away from center after advancing the throttle