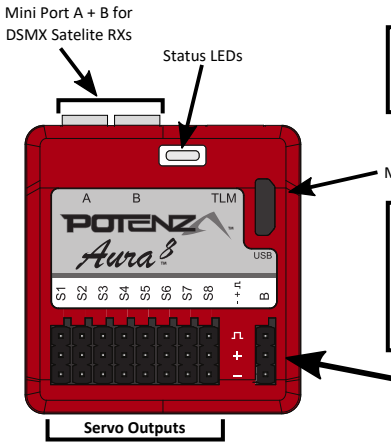
Aura 8 Open Stock

Quick Start Overview: Revised for Firmware v1.25+

07/27/2025



- This document details the Aura 8 Open Stock specific features
+ Super PNP Airplanes with an Aura 8 will differ slightly
+ Consult their manuals for specific differences

Quick Trim Mode - Bind Plug in S3 at Powerup
- Put Bind Plug in S3 and Power Aura ( )
- Remove Bind Plug to Save and Apply the Trims ( )
- Center Trims on the Transmitter
- Power off Aura and Plug Servo back in S3
- Power up with the Aura with the new Trims saved to Aura

B Port for SBUS, SRXL/SRXL2, SumD, EX-BUS, JR Mode A/B Digital Output Receivers

Default Servo Output Order

S1: Throttle	S6: Rudder
S2: L. Aileron / L. Elevon	S7: L. Flap (Ch6)
S3: R. Aileron / R. Elevon	S8: R. Flap (Ch6)
S4: Elevator (L. - Normal)	
S5: Elevator (R. - Reversed)	

- All Servo Ports can be reassigned for any Wing/Tail type using the Aura Config Tool

6Axis Calculations, Level Assist and Launch Assist
- By default, 6Axis Attitude Calculations are off with v1.25+
  + Identical latency/feel to previous firmwares
- 6Axis Calculations must be enabled for Level/Launch Assist
- To Enable 6Axis Calculations features:
  + Use Quick Flip to change Flight Mode 1 to 6Axis Level Assist
  + Or Enable the 6Axis Calcs Flag in the Aura Config Tool

Quick Set Mode - Basic Setup without Programming - Bind Plug in S2 at Powerup
- Put a Bind Plug in S2 at power up to enter Quick Set Mode ( )
- After entering Quick Set 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 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 ( )

- When finished, remove the S2 Bind Plug, power off the Aura, and power up the Aura again
- Ability to set Sensor Orientation and Setup Generic Sport or 3D Profiles is removed in firmware v1.25+
- Super PNP Auras have different Quick Set options such as Gyro Kill Switch, Crow Switch or Alternate Profiles

Quick Change Mode from Aura Config Tool
- Use the Quick Actions --> Quick Change menu option after Connecting to the Aura in the Aura Config Tool
- You can Check or Change Gyro Correction Directions and Toggle On/Off Proportional Master Gain on Ch8
  - This is identical to Quick Set detailed above but can be started anytime from the Aura Config Tool

LED Legend | Off: ▬ | Solid On: ● | Slow Flash: ◐ | Fast Flash: ◐◐ | Very Fast Flash: ◐◐◐

LED Status

	Orange	Blue	Green	Red
- Calibrating Sensor	▬	◐◐◐	▬	▬
- Auto-Detect: Searching for a Receiver	◐◐ → ◐◐ → ◐◐ → ◐◐			
- 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	●	▬	●	◐
- Powered On While Moving (Bad Gyro Calibration)	◐	* Any of the above LED combinations		
- Quick Trim Mode (Bind Plug in S3 at power up)				
+ Learning Trims	▬	◐	▬	▬
+ Trims Saved	▬	◐◐	▬	▬
- Quick Set Mode (Bind Plug in S2 at power up)				
- Quick Change Mode (Start from Aura Config Tool)				
+ Gyro Correction Check and Reversing	▬	▬	◐◐	▬
+ Master Gain Toggled On	●	▬	◐◐	▬
+ Master Gain Toggled Off	◐	▬	◐◐	▬
- Quick Flip Mode				
+ Toggle *Flight Mode 1* between Gyro Off/3Axis and 6Axis	▬	▬	◐◐	▬

Quick Flip Mode - Toggle *Flight Mode 1* 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 1* between Gyro Off/3Axis and 6Axis Level Assist
  + The Elevator will move 3 times to confirm *Flight Mode 1* has changed to Gyro Off/3Axis
  + The Elevator will move 6 times to confirm *Flight Mode 1* 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 1* and fly! If needed, repeat this mode to Flip Flight Mode 2 again

Launch Assist - 6Axis Calculations must be enabled
- Launch Assist will command a brisk climb while keeping the wings level if 6Axis Calculations are Enabled
- 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

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