Transmitter Setup Quick Start Guide

This transmitter setup is recommended to all flyers who are new to multirotor or VTOL aircraft.

This setup will put flight mode and transition selection on one switch to eliminate confusion between switches.

| Computerized Transmitter Setup (DXe, DX6e, DX6 – DX20, and iX12*)	
Start all transmitter programming with a blank ACRO (Airplane) model (perform a model reset), then name the model.	
DX6 – DX20 iX12	1. Go to the SYSTEM SETUP
	2. Set MODEL TYPE: AIRPLANE
	3. Set AICRAFT TYPE: WING: NORMAL

	4. Set CHANNEL ASSIGN: (NEXT)
	        CHANNEL INPUT CONFIG: GEAR: INH
	        AUX1: INH

	5. Set TRIM SETUP: Throttle – – 3-Pos Digital
	6. Go to the FUNCTION LIST

	7. Set Expo values: Elevator 10%
	                  Aileron 10%
	                  Rudder 0%

	8. Set Servo Travel to 100% for all controls
	9. D/R Low – 70% High – 100%
	10. Set Throttle Cut to -130% and Select Switch H

	11. Set P-Mix 1 in the Mixing menu
	      Select CURVE
	      Select INH for the input – Select Switch D
	      Select INH for the output – Select AX1
	      Set the 3 points on the curve to
	          1. 100%
	          2. 100%
	          3. -100%
	      Set Switch: On

	12. Set P-Mix 2 in the Mixing menu
	      Select CURVE
	      Select INH for the input – Select Switch D
	      Select INH for the output – Select GEAR
	      Set the 3 points on the curve to
	          1. -100%
	          2. 100%
	          3. 100%
	      Set Switch: On

Switch D – Flight Mode
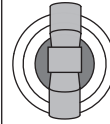
Pos 0 – Hover Mode with Stability

Pos 1 – Airplane Mode with Stability

Pos 2 – Airplane Mode with Acro

Switch H – Throttle Cut
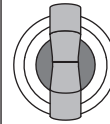
Pos 0 – Motors On

Pos 1 Motors Off

Throttle Trim

Trim 100% – Motors spin at Idle at low throttle

Trim 0% – Motors off at low throttle

Trim -100% Motors off at low throttle

Flight Conditions

Motors Start/Stop

Use the Throttle trim to keep the motors turning during flight at low throttle. Move the throttle trim up to start the motors at the low throttle position. Move the throttle trim down, or activate throttle cut to stop the motors after flight.

In this configuration there is only Stability Mode in Multirotor Flight Mode.

Stability Mode

Stability Mode limits the bank and pitch angle of the aircraft. The aircraft will self-level if you release the transmitter sticks.

Acro Mode

Acro Mode removes the bank angle limits and will not self-level the aircraft if you release the transmitter sticks. Acro Mode is intended for experienced pilots who are comfortable flying the aircraft in any orientation.

The following table gives the switch positions and a brief description of the possible flight conditions available.

Multirotor Mode with Stability (Switch D, Position 0)	• Limited bank angle • Very little pitch change • Forward and backward flight is achieved through angling of the main motor nacelles • Self-levelling • Elevons inactive • Tail motor runs • Use this condition for all takeoffs and landings
Airplane Mode with Stability (Switch D, Position 1)	• Limited bank angle • Self-levelling • Elevons active • Tail motor does not run • Do not attempt to land or takeoff in this condition
Airplane Mode with Acro (Switch D, Position 2)	• Unlimited bank and pitch angles • Does not self-level • Elevons active • Tail motor does not run • Do not attempt to land or takeoff in this condition