TRANSMITTER

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ITEM	MODEL	SPECIFICATIONS AND KIT INCLUSIONS
Trans-mittter	Futaba T10J + R3008SB 8-Ch 2.4Ghz T-FHSS Radio System	10J Transmitter Spec : Type: 2-stick, 10-channel T-FHSS / S-FHSS / FHSS selectable Current Drain: 140mA System features Futaba T-FHSS, S-FHSS 2.4GHz security Airplane, heli, glider and multi-rotor software 30-model memory S.Bus capable T-FHSS receiver Telemetry Synthesized voice for telemetry data Vibration alerts for alarm conditions and low battery User-updatable software (requires optional CIU-2 interface) Wireless data transfer among 10J transmitters Built-in S.Bus programming link for S.Bus servos 10-character model and user naming Large (128 x 64 dot) backlit LCD display 10 channels (one variable knob, five 2-position switches, two 3-position switches, one momentary switch, two digital levers) Built-in diversity antenna

TRANSMITTER

Jog dial and 3 buttons for fast, easy programming
Sub-trim and fail-safe (all channels)
Servo reversing, endpoint adjustment, digital trims, dual rates/exponential* & ATL
Trim step adjustability
Trainer system
Throttle cut
2 count-up/-down timers + integrated timer
Model timer
Range check mode
Servo cycle w/bar graph displays
Assignable switch/lever/functions (Ch. 5-10)

Helicopter Features
6 programmable mixes, plus:
10 factory-defined mixes
8 swash plate types
5 flight conditions w/delay
Throttle curve (4 curves, 5 points)
Pitch curve (5 curves, 5 points)
Throttle hold & delay
Swash AFR
Electronic swash ring

Airplane Features
6 programmable mixes, plus:
9 factory-defined mixes
Flaperons with differential rate
Flap trim
Differential ailerons
Gyro sensitivity
5-point throttle & pitch curves
Throttle delay
Idle down

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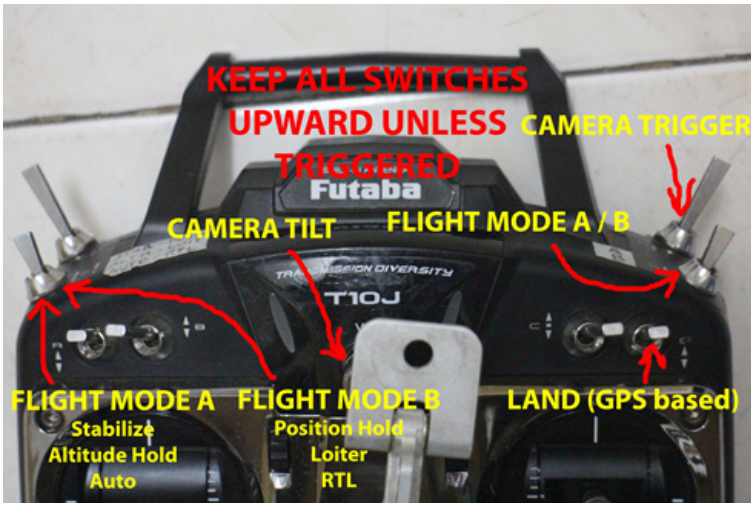

T10J Switch Assignments

Flight Mode

1. Stabilize - Non-GPS, non-barometer, manual throttle control, use for take-off / landing
2. Alt Hold - Non-GPS, barometer-dependent altitude control, easier to control, if THR is less than 50% then will descend slowly, if THR is more than 50% will ascend slowly, if THR is at 50% will hover
3. Auto - Auto mode
4. Position Hold - GPS-based, barometer-dependent, feels like Loiter and Alt Hold hybrid, very responsive and sensitive to movement, throttle is same as Alt Hold, GPS compensated
5. Loiter - GPS-dependent, barometer-dependent, holds position well based on GPS
6. RTL - return to launch

Switches

1. Land - Will land on spot, can still control during descend but you need to untrigger the switch or change flight mode if you want to abort landing
2. Camera Tilt - Used to level the camera for mapping
3. Camera Trigger - For test shot

Things to Remember

1. Add electrical tape to arms before locking to reduce vibration (because system is now too heavy for the frame)
2. Always check CG before flight
3. Arming switch is the red blinking LED push button on top rear side of the canopy, press this for 2 seconds before arming via transmitter
4. Transmitter arms by holding THROTTLE down and then pushing RUDDER to right (DOWN RIGHT) for about 3 to 5 seconds
5. Transmitter disarms by holding THROTTLE down and then pushing RUDDER to left (DOWN LEFT) for about 3 to 5 seconds
6. Disarm the copter via the red LED push button for 3-5 seconds before unplugging
7. Copter will automatically RTL if low batt, make sure to land it ASAP.
8. Flight plan should be going towards the home location or going towards landing spot to avoid completely draining the batt.
9. Flight time is about 20mins, including take-off and landing.