QUICK START GUIDE

Cetus X FPV Kit (Betaflight Firmware Version)

BETAFLIGHT × ExpressLRS

1. Angle Mode

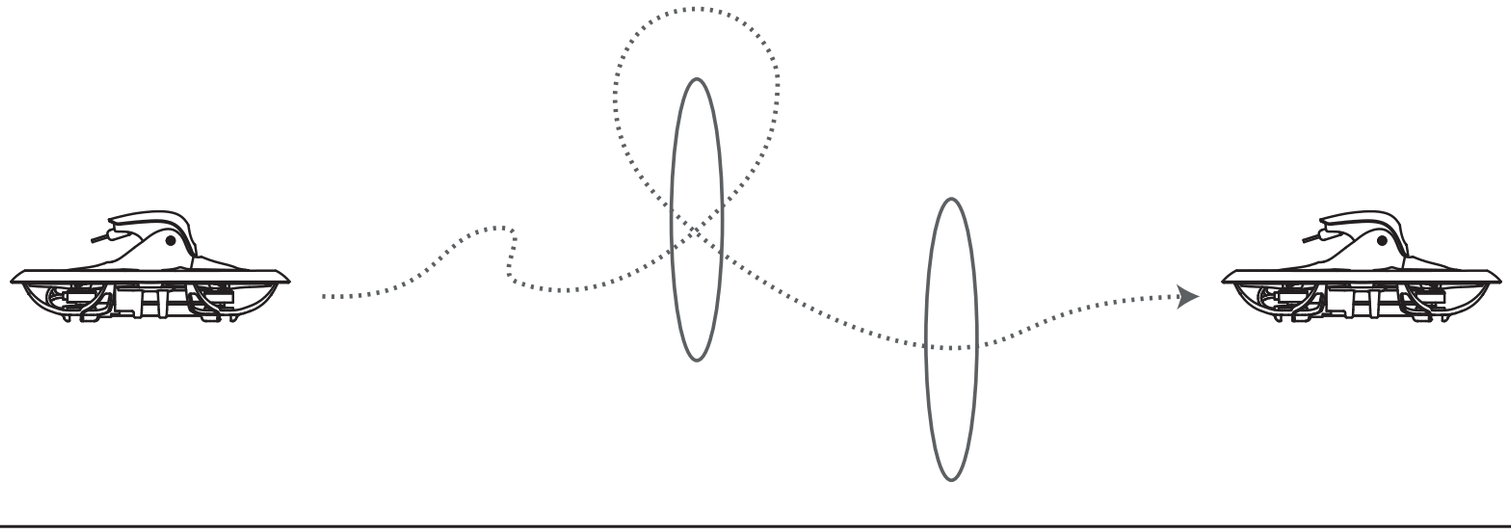
ANGL is displayed in the OSD. Pilot needs to control the flight altitude by operating the throttle joystick. The quadcopter will maintain a horizontal attitude when the direction joystick is moved to the center. The operation is relatively simple. Novice pilot can achieve simple flight with a little practice because the drone keeps its levelled position once the pilot lets go of the stick.

Difficulty: ★★★☆☆

2. Horizon Mode

HOR is displayed in the OSD. Pilot needs to control the flight altitude by operating the throttle joystick. The quadcopter will maintain a horizontal attitude when the direction joystick is moved to the center. Unlike Angle mode, you can do flips and rolls when the stick is at full deflection in Horizon mode. This mode features difficult operations and is suitable for skillful pilot.

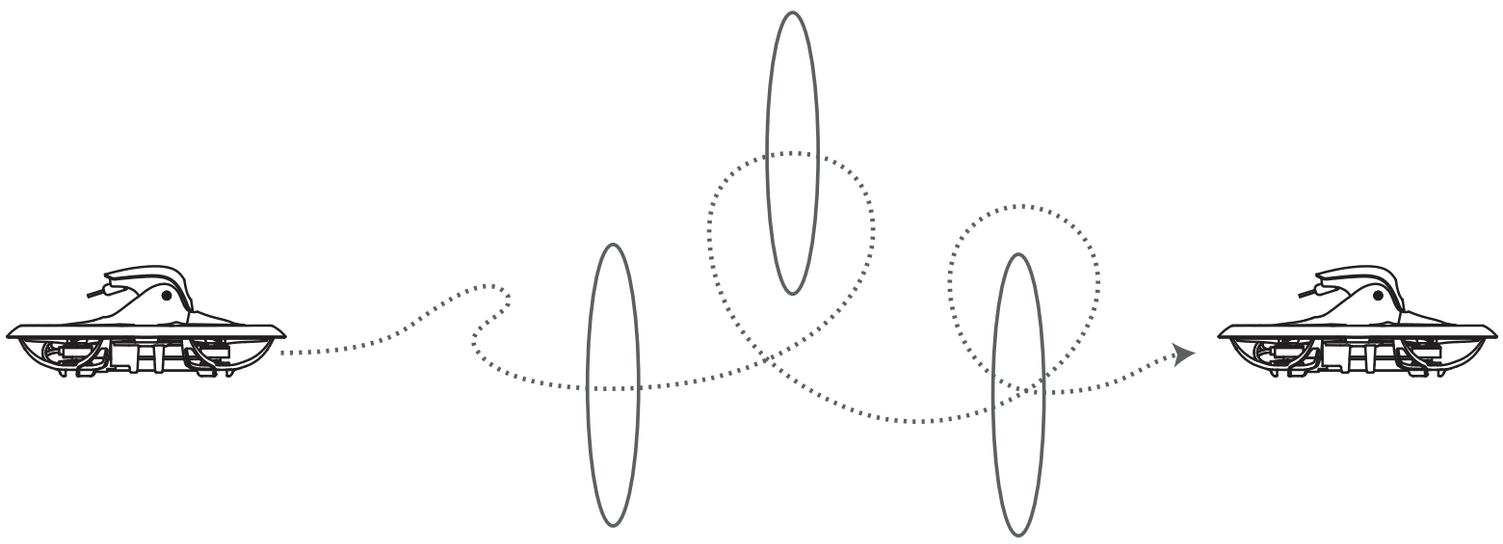
Difficulty: ★★★★☆



3. Air Mode

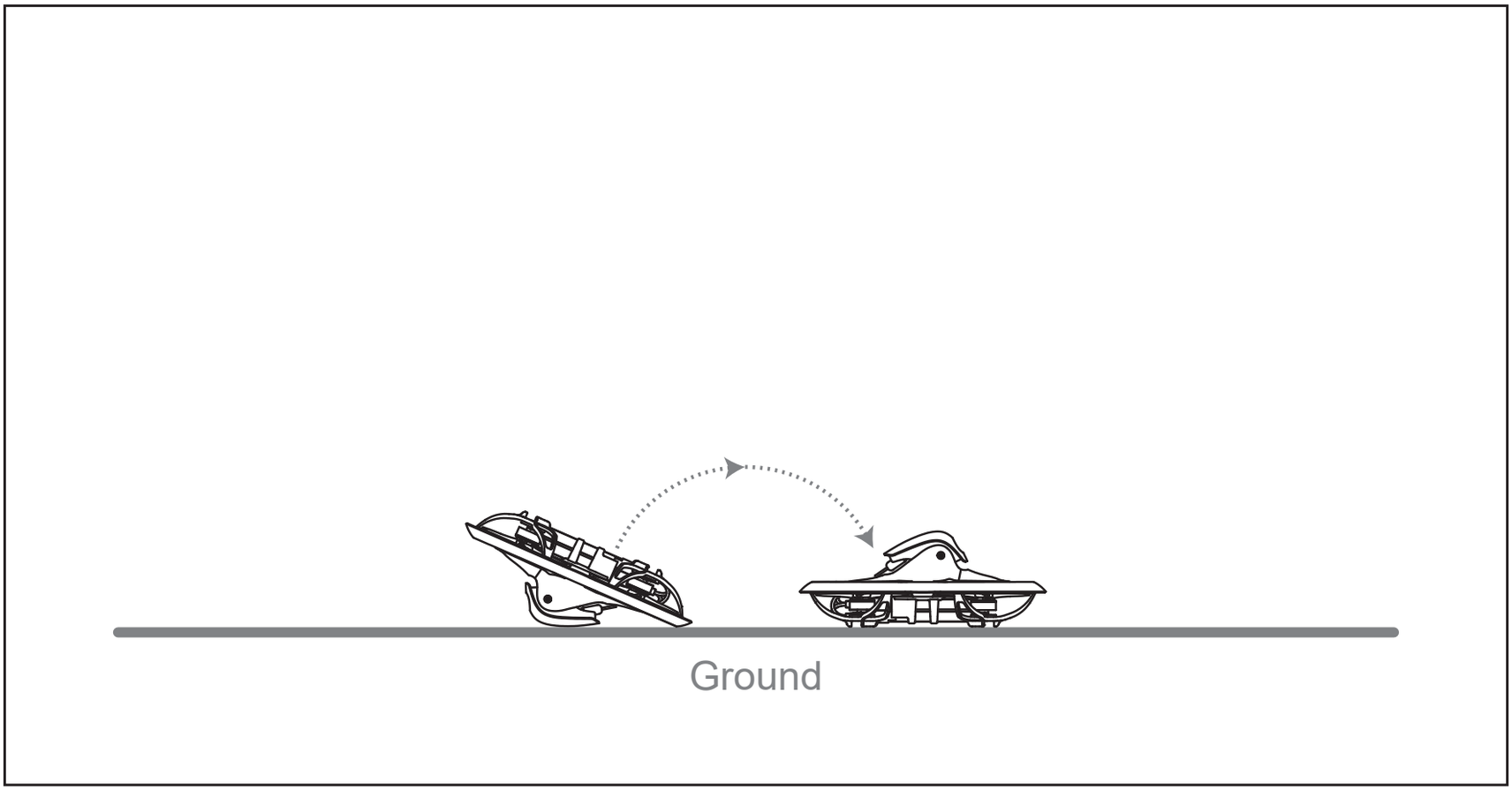
Air is displayed in the OSD. The altitude and attitude of the quadcopter are manually controlled by pilot. The quadcopter will maintain its current attitude when the direction joystick is moved to the center. Acrobatic flight is possible. The operation is difficult and pilot needs a lot of practice.

Difficulty: ★★★★★



4. Turtle Mode

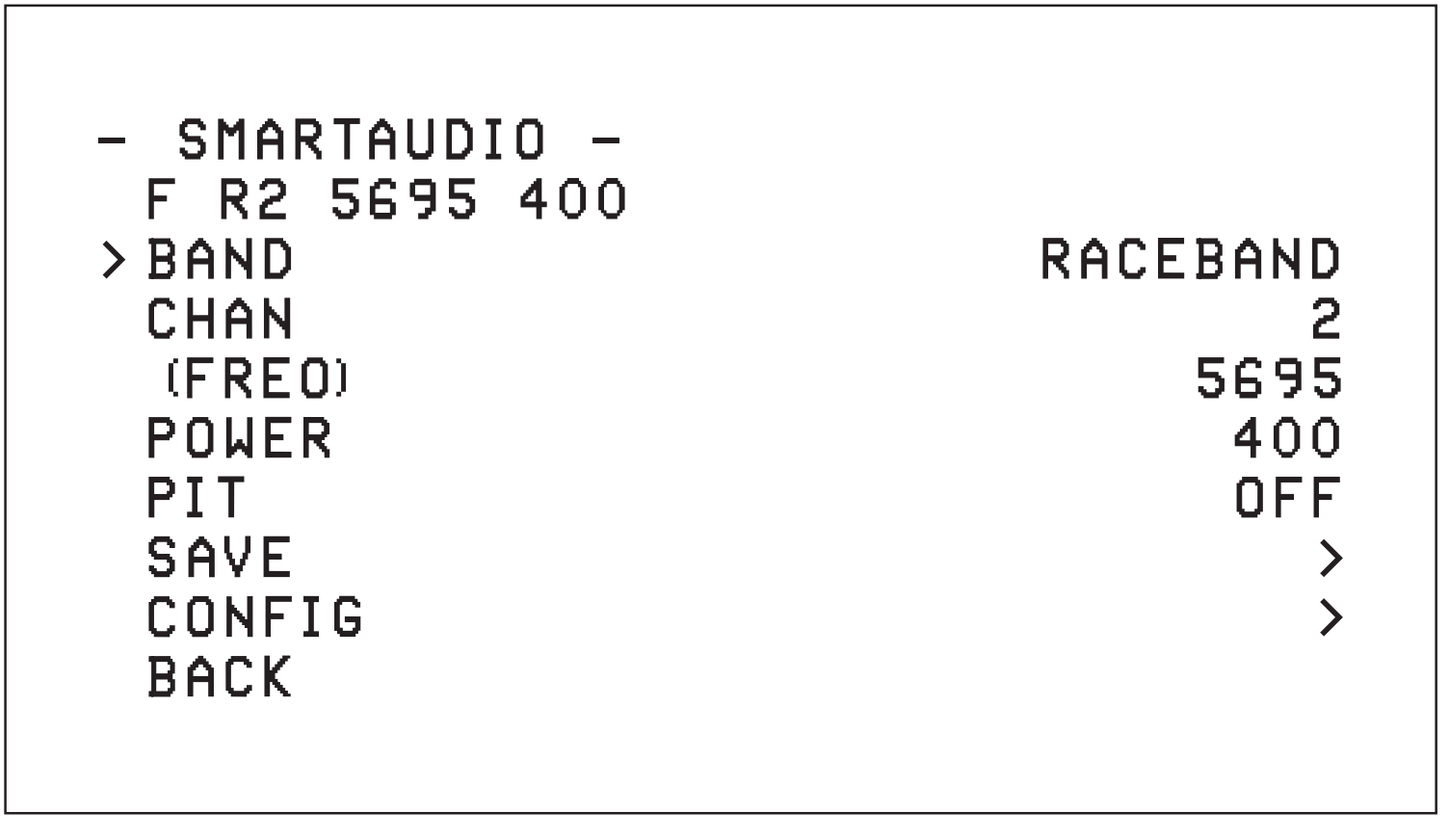
CRASH FLIP SWITCH is displayed in the OSD. If the quadcopter crashes into the ground and the fuselage is flip, the turtle mode can be activated to reverse the motor and turn the quadcopter back to the front.



5. VTX Frequency and Power Switching

The Cetus X (Betaflight Version) uses M04 VTX with a maximum power of 400mW. Changing frequency and output power value through buttons is not supported by this VTX, which requires OSD Menu of Betaflight firmware.

Frequency Switching Channel:
FEATURES->VTX->BAND、FEATURES->VTX->CHAN
Power Switching Channel: FEATURES->VTX->POWER



Note: After changing the frequency or the power, Please switch ”SAVE“ on the VTX page to make it effective.
Note: For more information about how to access and operate OSD menu, please refer to User Manual.

6. Betaflight Firmware

Cetus X FPV Kit (Betaflight firmware Version) is powered by most popular opensource firmware Betaflight in FPV community. It focuses on flight performance, leading-edge feature additions, and wide target support.

Betaflight website: https://betaflight.com/
Watch a tutorial video on how to get started:
https://www.youtube.com/watch?v=LkBWRiEGKTI

NOTE: Cetus X FPV Kit (Betaflight firmware version) has no auxiliary function for both vertical and horizontal flight.

If you want auxiliary flight function for easy start, please check the Cetus X FPV Kit (Cetus firmware version).