EZ Pilot PRO
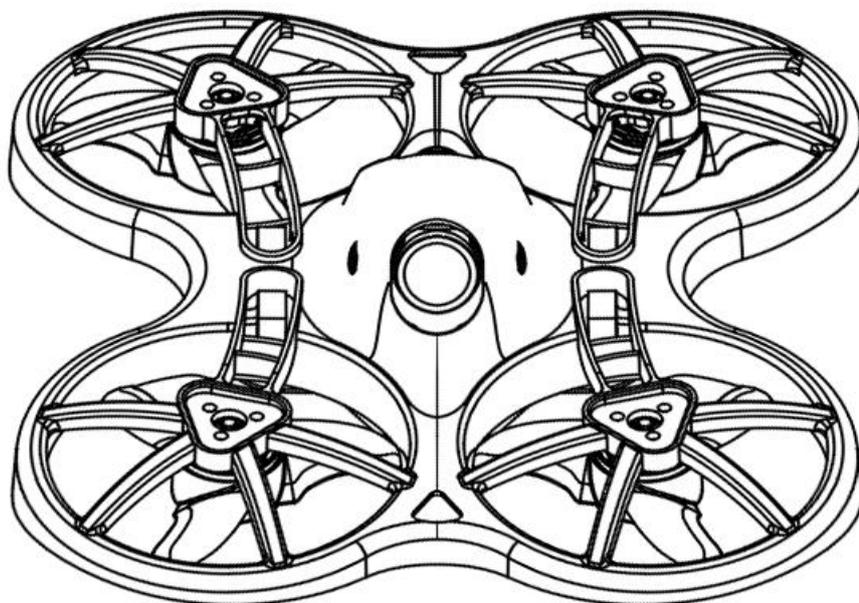

Design in California, Made in China

Disclaimer

1.Please read the disclaimer carefully before using this product.
2.By using this product, you hereby agree to this disclaimer and signify that you have read them carefully and completely.
3.This product is not suitable for people under the age of 14.
4.Please read the instruction manual and warnings carefully.
5.Before every flight，make sure the battery is fully charged and power connections are secure.
6.DO NOT fly around crowds, children, animals or objects.
   EMAX ACCEPTS NO LIABILITY FOR DAMAGE(S) OR INJURIES INCURRED DIRECTLY OR INDIRECTLY FROM THEUSE OF THIS PRODUCT.

Precautions

1.Please follow the instructions to assemble and to operate this product in a proper way.
2.Pilots do not use this product if you have physical or mental illness, dizziness, fatigued, or use while under the influence of alcohol or drugs.
3.Please fly in a safe area away from people.
4.Do not modify or use other parts and accessories not approved for the use of EMAX.
5.Do not use this product in harsh environments (such as winds, rain, lightning, snow, etc.).
6.Do not use this product in a strong electromagnetic environment.

Support

Please visit emax-usa.com or emaxmodel.com for any updates or support needs.
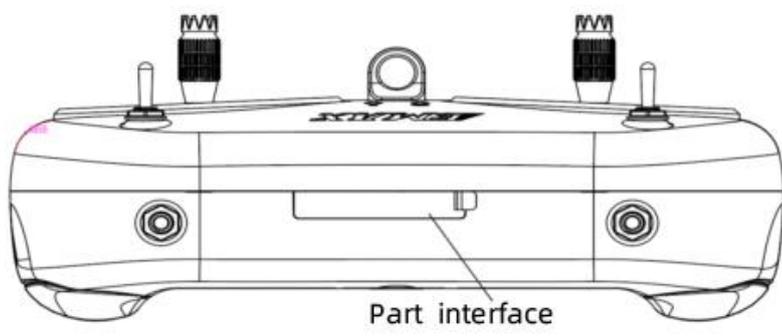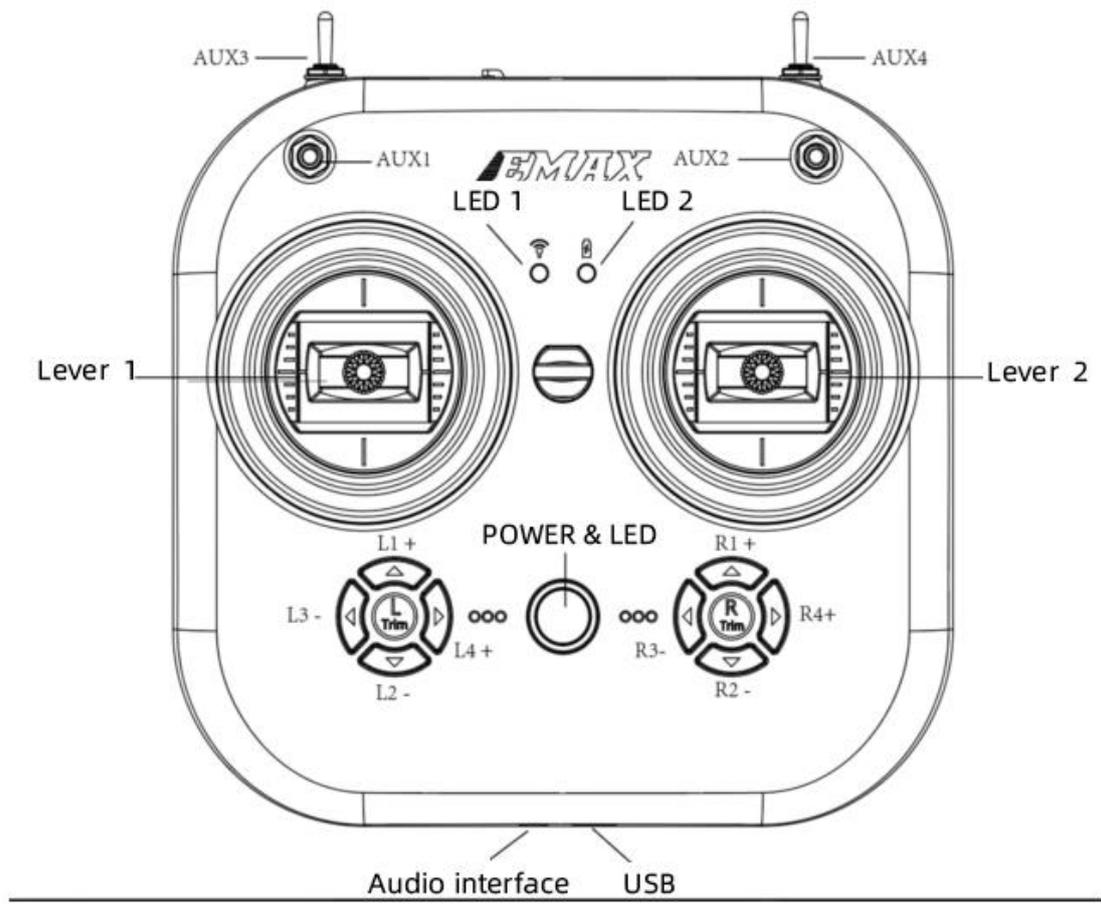
Product specification

EZ pilot Pro	Parameter
Diagonal wheelbase (without paddles)	80mm
Maximum size of the aircraft (without propeller)	114x98x40mm
Aircraft weight (without battery)	34g（without battery）
Motor	08025 15000Kv
Propeller	AVAN TH Turtlemode four-bladed paddle
Main Flight Controller	F4（STM32F411）4 in 1 5A ESC EMAX Tinyreceiver （SPIreceiver，Frsky_D8）
Camera	1200TVL E01 camera
Transmitter	25-100-200mWAdjustable frequency 37CH Support SmartAudio
Battery	1S HV 450mAh
Radio-EMAX E8 Transmitter	
Maximum appearance size	150*140*45(mm)
weight (without battery)	260g
Number of channels	8 Channels
Transmission frequency	2.4GHz Band（2400MHz-2483.5MHz）
battery	1 cell 18650 lipo battery
Charger	Built-in USB 1A linear lithium-ion battery charging system
Operating Voltage	3.7V-4.2V
Port	Micro USB，3.5mmAudio port（Wired coach interface
Goggle-EMAX Transporter 2（without DVR）	
Maximum appearance size	L*W*H=155*100*90(mm) （without antenna）
weight (with antenna, cable tie)	398g
Resolution	480×272
Display	4.3 Inches
battery	1 cell 18650 lipo battery
Operating Voltage	3.7V-4.2V
Frequency	5.8GHz Band（5658MHz-5945MHz）

Product list

1 .EZ Pilot Pro .... ×1
2. EMAX Transporter 2 (without DVR)...×1
3. EMAX E8 Transmitter ....×1
4. Propeller.. ×4
5.USB Charger ....×1
6.Battery x1
7.Screwdriver..x1
8.Brackt accessories...x3
9.Antenna...x2

1.E8 Transmitter

AUX3 —

AUX4

AUX1

AUX2

LED 1   LED 2

Lever 1

Lever 2

L1 +   POWER & LED   R1 +

L3 -   L   ooo   ooo   R   R4+
        Trim   Trim

L4 +   R3-

L2 -   R2 -

Audio interface   USB

Part interface

1.2 Power On & Off

Press and hold the power button, at the same time, the red light of the center indicator light is on. After 2 seconds, the center indicator light changes from red to green, that is, it enters the power-on state.

Press and hold the power button, after 2S, the center indicator light turns off, that is, it enters the shutdown state.

1.3 Bind & Unbind

The E8 Transmitter is already bundled with the EZ Pilot Pro in the RTF kit, if necessary, follow these steps:

1. The flight controller enters the binding mode: turn on the power, after the EZ Pilot Pro is started, press and hold the bind button to make the EZ Pilot Pro enter the binding mode. The blue indicator light of the EZ Pilot Pro flight controller flashes and turns solid, indicating that it has entered the binding mode.

2. The E8 Transmitter enters the binding mode: first turn on the E8 Transmitter, then press the "L4+" & "R3-" buttons at the same time, hold down for 2 seconds, until the center indicator turns from green to red, and the center indicator turns green Flashes alternately with red, indicating that the remote control has entered the binding mode.

3. Check that when the blue light on the EZ Pilot Pro flight control board changes from steady on to flashing, it means that the binding has been completed, and press the "L4+" & "R3-" buttons on the E8 Transmitter at the same time again, the blue light is again changed by The blinking turns to steady light, indicating that the binding has been completed.

4. Unbound: Unplug the battery of EZ Pilot Pro, make it power off, and leave the binding mode

1.4 Mode switch

D8 mode: Press the power switch and the "L1+" button at the same time: turn on and enter the D8 mode, and the mode indicator light is always red.

D16 mode: Press the power switch and the "L2-" button at the same time: turn on the power and enter the D16 mode, and the mode indicator light is always green.

D16 LBT mode: Press the power switch and "L4+" button at the same time: power on and enter the D16 LBT mode, the mode indicator is always on in yellow.

1.5 Fine-tuning

Each joystick has a corresponding fine-tuning button. Each fine-tuning button adjusts the direction of the corresponding joystick control. Each time it is adjusted, a prompt sound will be emitted. When it is adjusted to the center position, a longer prompt sound will be issued. Please pay attention to identification. When the joystick is centered, the aircraft hovers, and the fine-tuning buttons for pitch and roll are adjusted to achieve a stable hover, which does not require adjustment of the joystick.

1.6 Calibration of joystick

The E8 Transmitter is pre-calibrated, but recalibration can help with some issues:

1. With the E8 Transmitter turned off, press the "L3-" button and the power button to turn it on at the same time.

2. Wait for the center indicator to light up and change from fast flashing to slow flashing, and push the joystick of the E8 Transmitter to the maximum strokes in the four directions of up, down, left, and right.

3. Press the "L3-" button, the beep will sound, exit the calibration mode, and the E8 Transmitter will also be turned on

1.7 Left and right hand switching

Remove the screws, open the back cover of the E8 Transmitter case, there is a toggle switch on the left side of the board, move the toggle switch to "L" (left-hand throttle mode) or "R" (right-hand throttle mode), and turn the Just swap the positions of the levers with each other (the 6Pin line connecting the joystick and the motherboard does not need to be changed).

Left-hand mode: E8 Transmitter left joystick controls the throttle and yaw direction of EZ Pilot Pro; E8 Transmitter right joystick controls EZ Pilot Pro pitch and roll.

Right-hand mode: E8 Transmitter left joystick controls the pitch and roll of EZ Pilot Pro; E8 Transmitter right joystick controls EZ Pilot Pro throttle and yaw direction.
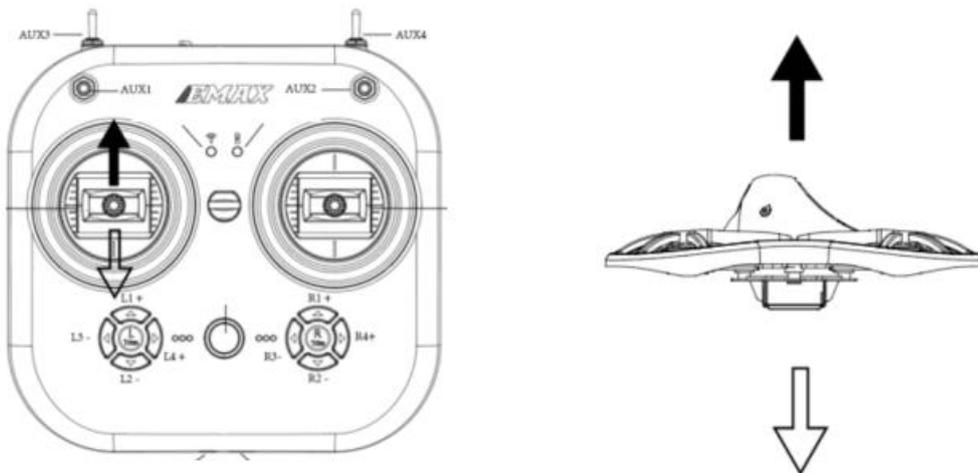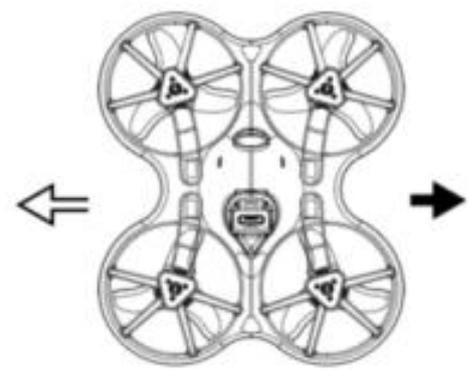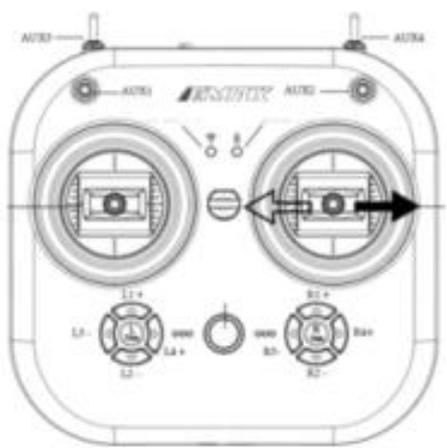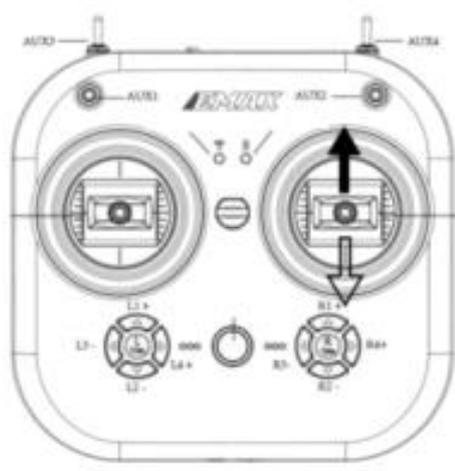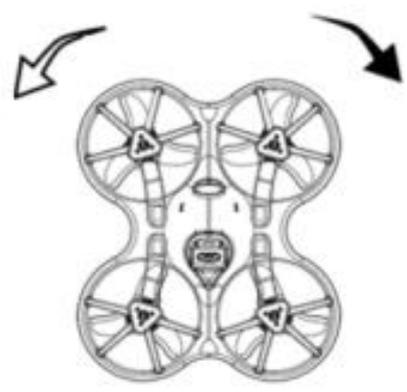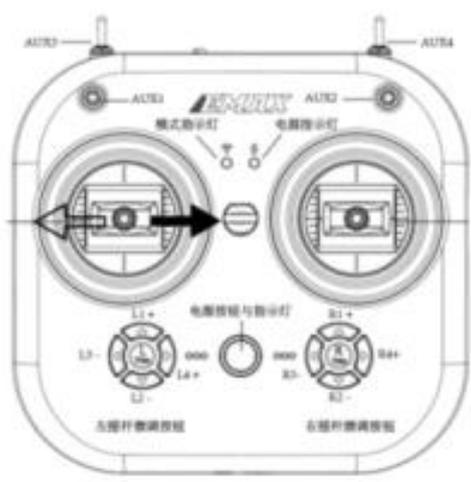
1.8 Coach Mouth & Simulator

Insert the 3.5mm male to male end into the coach port (ie 3.5mm audio interface) and the other end into the simulator (sold separately) to output the corresponding channel value.

Plug the micro USB cable into the remote control to output the corresponding channel value.

1.9 Battery & Charging

E8 Transmitter is suitable for a 18650 battery, and the working voltage is 4.3V-3.7V. When it is necessary to reinstall the battery, draw the battery compartment cover backward, install the battery with the correct polarity (the negative pole is on the spring side of the battery compartment), confirm that the battery compartment cover and the battery compartment are perfectly matched, and push it forward until Locked, if the battery is not installed correctly, it cannot be charged and started correctly.

The remote control is charged with the micro USB at the bottom. After inserting the USB cable, the power charging indicator status:

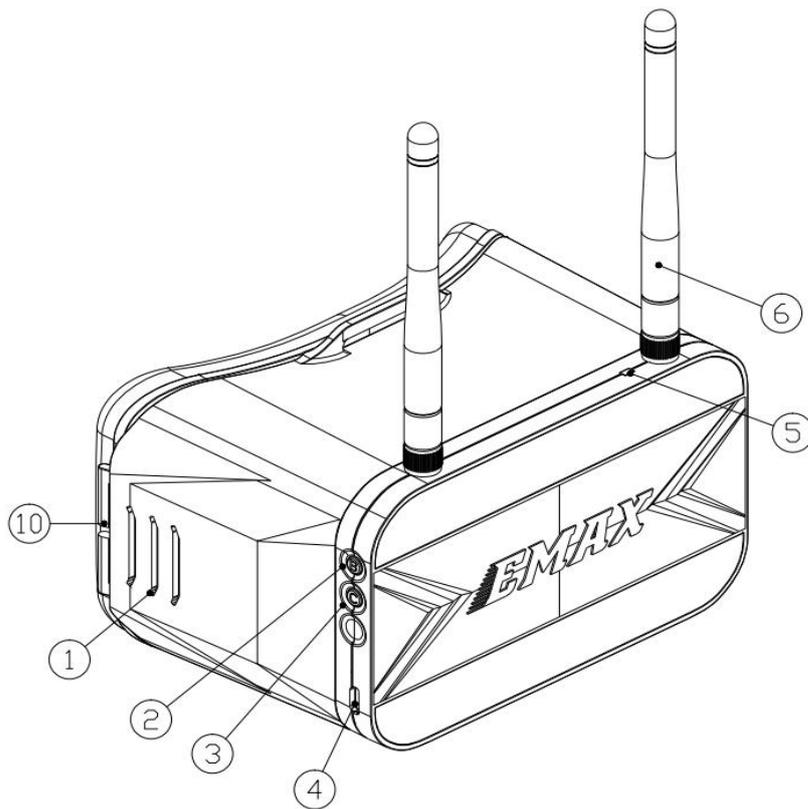**The indicator light is always red: charging**
The indicator light is solid green: charging is over

Note: Use 5V-1A adapter to charge and micro USB cable to charge, it will alarm when low voltage (3.7V), please charge in time.
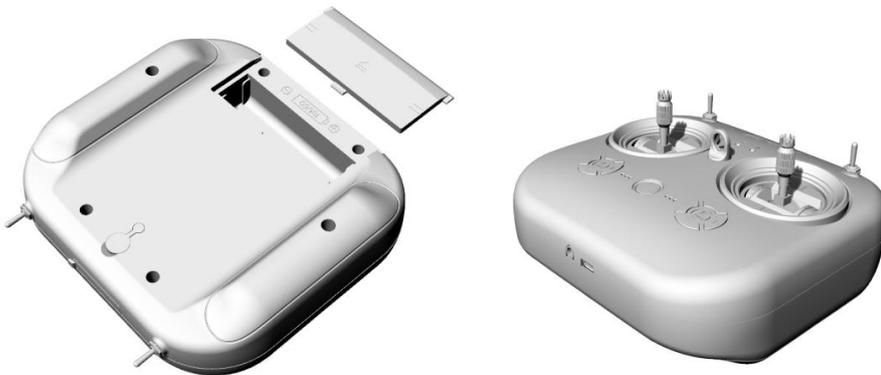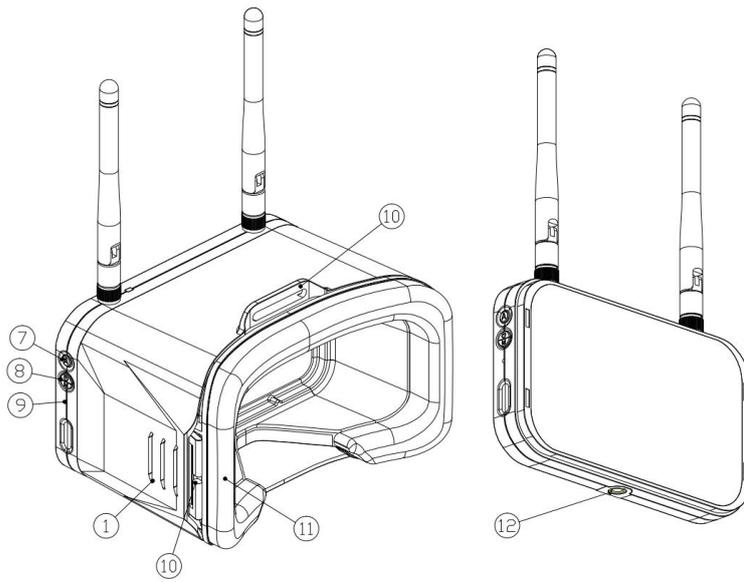
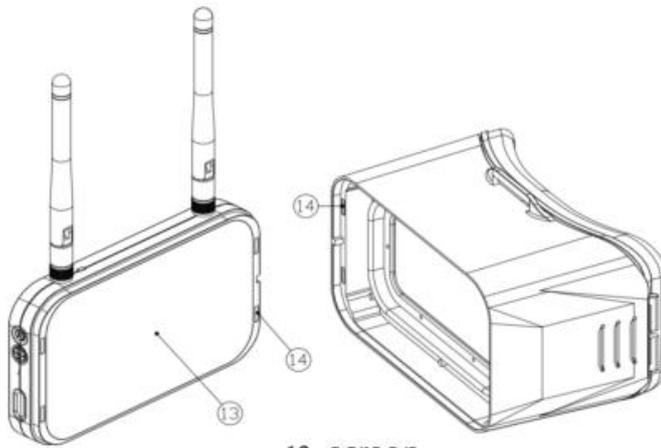## 2.Transporter 2

2.1Installation and use

1. Distance adjustment slot
2. Band switch button
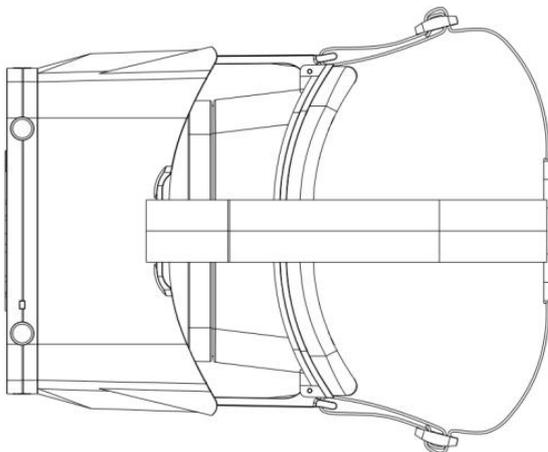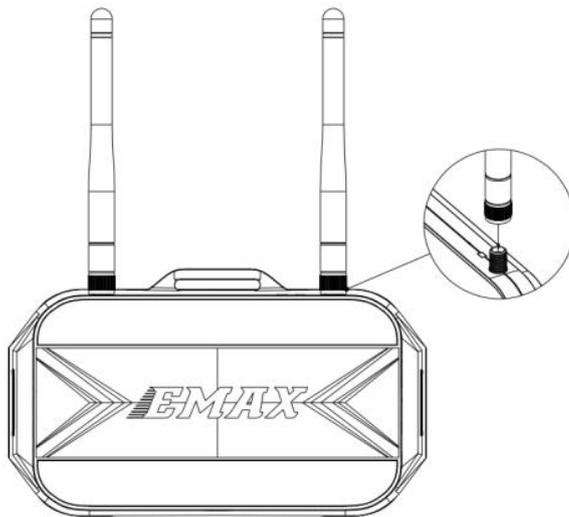3. Channel switch button
4. micro USB
5. Charging indicator
6. Antenna
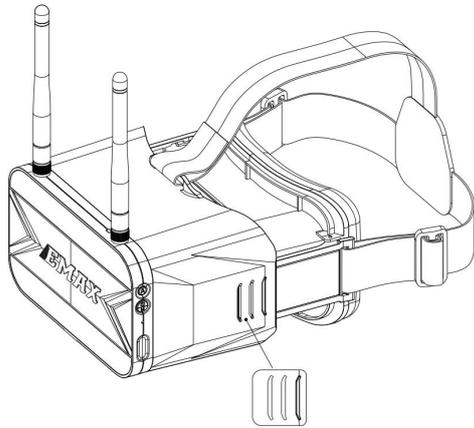
7. Auto search button

8. On/Off & Menu button

9. Reset switch

10. Headband Mount

11. Face Padding

12. External connection port

Two parts: the display module and the main shell, which can be combined or separated by magnets

13. screen
14. magnet

For proper operation of Transporter 2, the following actions are required:
1. Install the included antenna on the SMA connector.
2. Please separate the antenna and the charging USB power cord when placing the goggles.

2.2 Power On & Off
After pressing and holding the power switch/menu button for 2 seconds, the display will light up, that is, it will enter the power-on state.
After pressing and holding the power switch/menu button for 2 seconds, the display will turn off, that is, it will enter the shutdown state.

2.3 Video channel selection
Transporter 2 has a frequency band selection button B and a channel selection button C. The two buttons can manually select the correct frequency band and channel. When cycling the frequency band/channel, the channel value and frequency will be displayed in the upper left corner of the screen.

Frequency band selection button B: Each short press switches a frequency band; the switching sequence is ABEFR; for example, the current frequency band is E, the first short press of the B button switches to the E frequency band, the second short press of the B button switches to the F frequency band, and the third short press of the B button switches to the F frequency band. Short press the B button to switch to the R band, and repeat;
Channel selection button C: Each short press switches a channel, a total of 8 channel channels, and repeats continuously;
Tip: Make sure EZ Pilot Pro is powered on, and when cycling through channels, select the correct channel and frequency band.

FR \ CH	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	
A	5865	5845	5825	5805	5785	5765	5745	5725	MHz
B	5733	5752	5771	5790	5809	5828	5847	5866	MHz
E	5705	5685	5665	—	5885	5905	—	—	MHz
F	5740	5760	5780	5800	5820	5840	5860	5880	MHz
R	5658	5695	5732	5769	5806	5843	5880	5917	MHz

Note:

1. Before adjusting the parameters, you must press and hold the CH button or the FR button for 3 seconds.

2. Make sure the EZ Pilot Pro is powered on. When going through channels, the EZ Pilot Pro's video feed will make it easier to spot the correct channel.

Note: Make sure Transporter 2 is on the correct channel where EZ Pilot Pro is. The band and channel of the currently selected Tinyhawk III are displayed in the upper left corner of the screen.

2.4 Video channel automatic search

There is an automatic search function "A" on the Transporter 2 to help find which channel the EZ Pilot Pro is on. First power up the EZ Pilot Pro, then press the "A" button on the Transporter 2 to activate the automatic search mode. This mode will search all channels and select the channel with the best video reception. When all channels are searched, the best channel number, frequency group and frequency will be displayed in the upper left corner of the screen.

WARNING: If multiple EZ Pilot PROs (or other drones' video transmissions) are working at the same time, using this function may select the wrong drone's channel. We recommend manually selecting the correct channel to prevent false matches.

2.7 Screen parameter setting

A single key press "M" will open the menu where you can adjust brightness, contrast, saturation and language. After entering the menu, press the menu key "M" once to select the next menu option. By highlighting the currently selected menu, the "B" and "C" buttons can now be pressed to adjust increments and decrements. If no key input is detected, the menu will automatically close after 3 seconds.

2.8 Battery & Charging

Transporter 2 is pre-installed with a 1300mAH lithium battery. If you need to reinstall or replace the battery, please contact the local after-sales service point, or log on to our official website for help. Do not open the back cover by yourself to avoid damage to the product.

Use 5V-1A adapter and micro USB cable for charging, after inserting USB, the charging indicator status:

**The indicator light is always red: charging**

The indicator light is solid green: charging is over

The upper right corner of the Transporter 2 display shows the battery level, when the display shows "low battery", please charge it in time, otherwise the Transporter 2 will shut down within two minutes.

3. EZ Pilot Pro propeller

3.1 Schematic diagram of EZ Pilot Pro structure
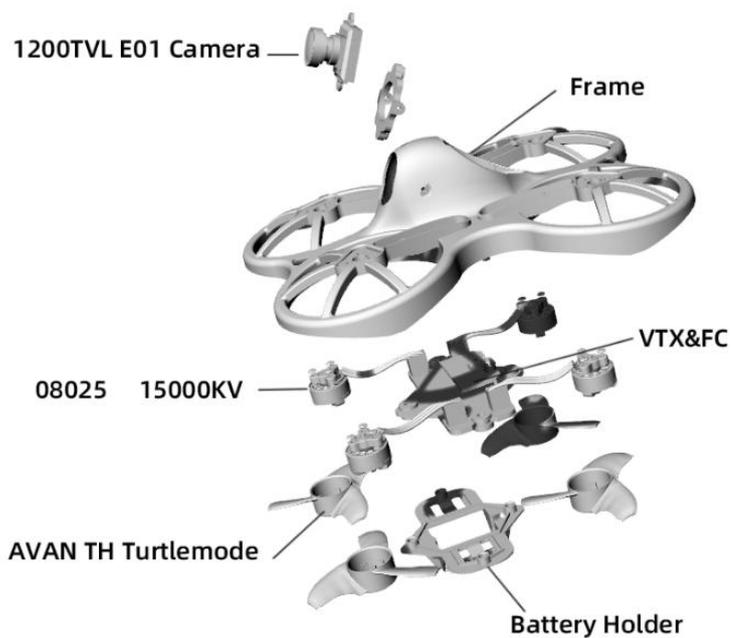
3.2 Propeller installation & removal

The EZ Pilot Pro propeller has two directions of rotation: clockwise (CW) and counterclockwise (CCW). When purchasing a set of propellers, please purchase 2 clockwise blades and 2 counterclockwise blades. The blade rotates along the blunt side of the blade edge. When installing the propeller, please install it in the direction of the correct propeller in the following figure

CW   CCW

CCW   CW
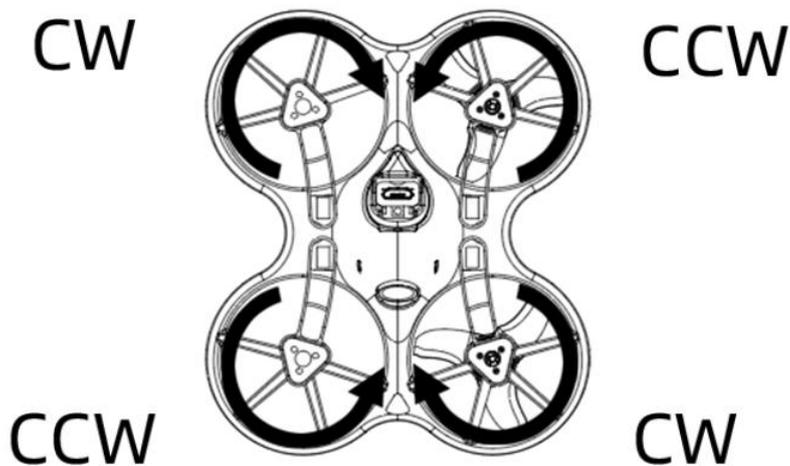
Propeller installation
Align the 3 struts of the propeller with the 3 struts of the motor, supporting the back of the motor while pressing the propeller in by hand until it is flush with the motor shaft.

Note: If the propeller is installed incorrectly, the EZ Pilot Pro will not be able to fly normally and cannot be controlled. Please carefully check whether the propeller is in the correct direction; if the back of the motor is not supported, it may cause the frame to break; pay attention to safety when installing the propeller.

Propeller removal
Using a small tool (such as a 1.5mm hex key or a small screwdriver) to press on the bottom metal of the motor and the EZ Pilot Pro, use your fingers to grasp the blades of the propeller until the propeller pops out of the motor.
Note: The blades need to be removed only when replacing a new propeller; pay attention to safety when removing the propeller and using tools.

4. EZ Pilot Pro image transmission

4.1 Schematic diagram of EZ Pilot Pro image transmission
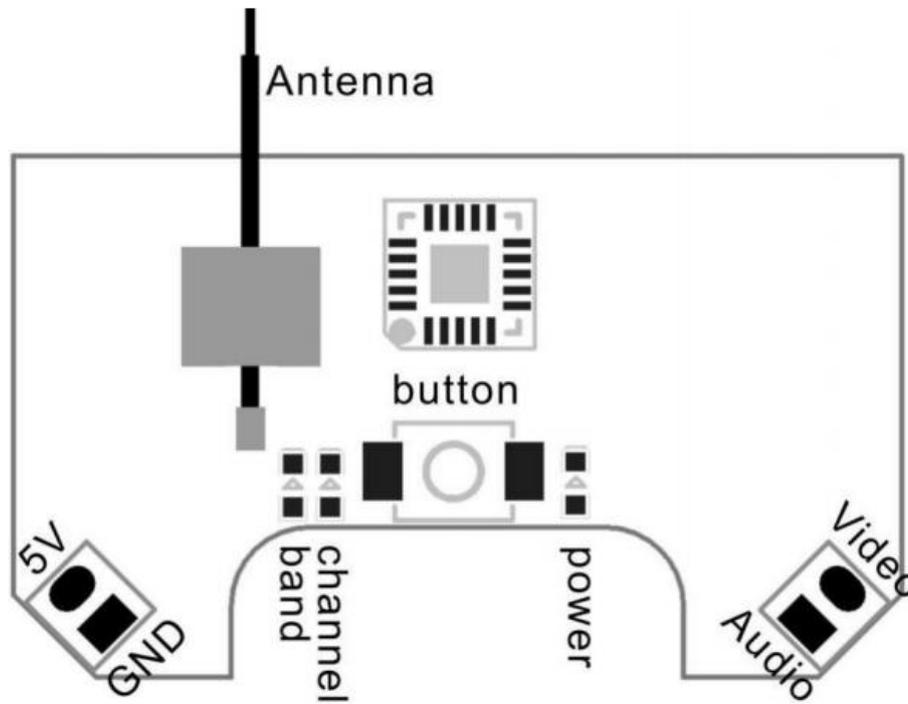
4.2 Changing VTX setting via Betaflight OSD

The EZ Pilot Pro comes with SmartAudio and is already configured.
The SmartAudio line is on the UART 2 TX, powering on the EZ Pilot Pro, Transporter 2 and E8 Transmitter.

Follow the on-screen prompts to enter the main settings menu. The throttle is in the middle, the direction is left, and the pitch is up (THROTTLE MID+ YAW LEFT+ PITCH UP) to enter the OSD parameter adjustment menu, as shown in Figure 1.
In the menu interface, switch the pitch (PITCH) up/down, and select the menu option. Move the cursor to "FEATURES" and move the ROLL lever to the right to enter the next menu. as shown in picture 2. Use the PITCH joystick to move the cursor to "VTX SA" as shown in Figure 3. Then pull the ROLL lever to the right to enter the VTX configuration menu.

In the menu of VTX SA, we can configure BAND, CHAN and POWER. Pull the PITCH lever to move the cursor up and down to select the VTX option to be set. Once the parameters are set, move the cursor to "SET", then turn the joystick right to enter "SET" and select "YES", turn the joystick right to save the setting parameters,

as shown in Figure 5.

In the menu of VTX SA, move the cursor to "CONFIG" to enter the menu; and move the cursor to "PIT FMODE" and pull the ROLL lever to the right to turn off the VTX power.
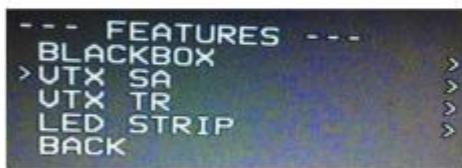

Figure 1
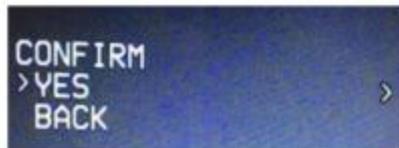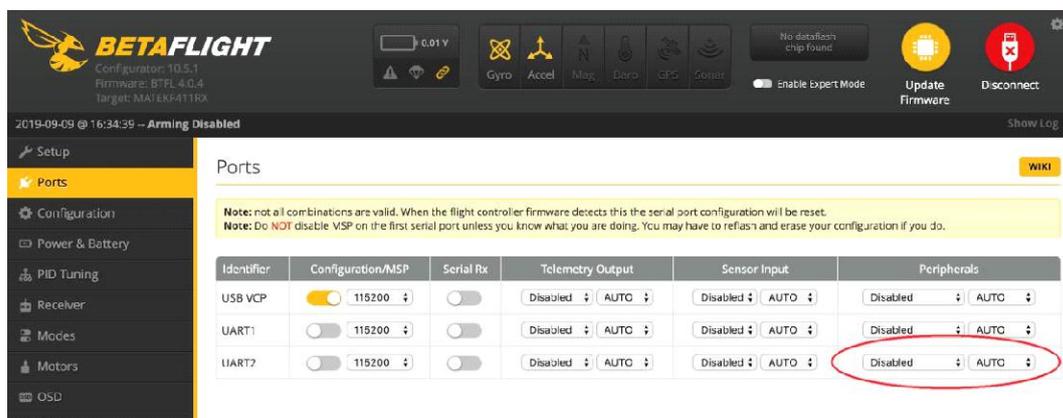

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

4.3 Press key to set VTX channel

NOTE: You must "disable" VTX Smart Audio on UART 2 in order for push-button VTX tuning to work as described below.

Normal display

After the aircraft is powered on, the LED displays the frequency band, frequency point and power parameters twice in a cycle, and then the LED turns off. To check the band, channel and power status, quickly click the button and the LEDs start to display the band, channel and power. The frequency band is displayed first, then the frequency channel, and finally the power. After all two LED display cycles, all LEDs will be turned off.

Menu entry/exit

Press and hold the button for 5 seconds to enter the menu. After entering the menu, the band LED lights up.
Press and hold the button again for 5 seconds to save the parameters and exit the menu.
After saving and exiting the menu, all LEDs go out.

Enter/exit band/channel/power options
After entering the menu, short press the button to switch the frequency band/frequency point/power, and the LED indicator of the corresponding menu will light up.
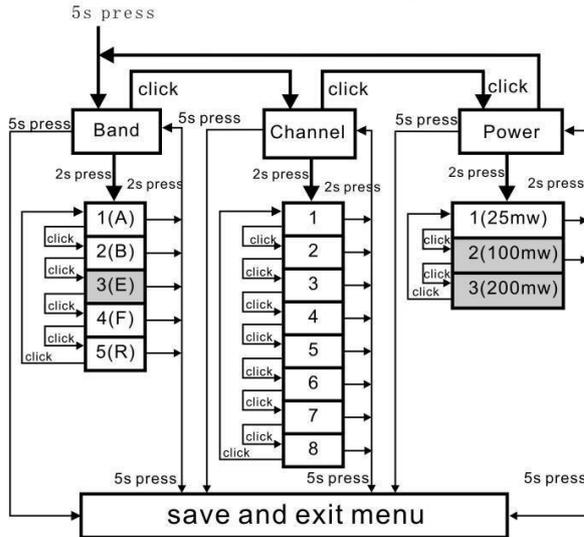Press and hold the button for 2 seconds to enter the frequency group Band/Channel/Power options. Press and hold the key for 2 seconds to exit the frequency group band/channel/power option and return to the menu.

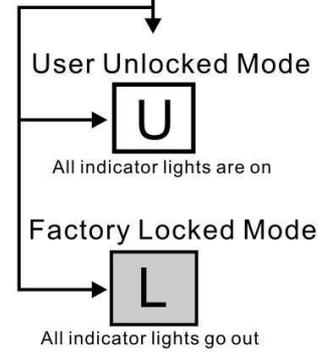**Band/Channel/Power parameter change**
After entering the band/channel/power options of the frequency group, short press the button to change the parameters.
Note: If you use SmartAudio to switch to an illegal channel, Tinyhawk III will not have image transmission. To switch back to a legal channel, press the button on the vtx and follow the vtx menu guide shown below.

Button Menu Diagram

Hold the VTX button while powering on drone to lock/unlock the VTX

User Unlocked Mode

U

All indicator lights are on

Factory Locked Mode

L

All indicator lights go out

出厂锁定配置(≤ 25mW Output)

FR\CH	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	
A	5865	5845	5825	5805	5785	5765	5745	—	MHz
B	5733	5752	5771	5790	5809	5828	5847	5866	MHz
E	—	—	—	—	—	—	—	—	MHZ
F	5740	5760	5780	5800	5820	5840	5860	—	MHz
R	—	—	—	5769	5806	5843	—	—	MHz

FCC: Ham radio license is required for use in North America.
EU/CE: The frequency is restricted to prevent transmission outside the designated CE frequency.

FR\CH	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	
A	5865	5845	5825	5805	5785	5765	5745	5725	MHz
B	5733	5752	5771	5790	5809	5828	5847	5866	MHz
E	5705	5685	5665	—	5885	5905	—	—	MHz
F	5740	5760	5780	5800	5820	5840	5860	5880	MHz
R	5658	5695	5732	5769	5806	5843	5880	5917	MHz

FCC: A Ham radio license is required for use in North America.
EU/Europe: Do not use the Unlocked configuration.

Restrictions on E-Band Channels 4, 7, and 8 to prevent transmission outside of designated amateur radio frequencies. Adjustable video output power is only available on select models.

* By purchasing this product, the user represents that he/she understands these responsibilities and will operate the device legally. EMAX assumes no responsibility for the purchase and/or use of this product by the user in violation of government regulations.

5. EZ Pilot Pro Receiver

The EZ Pilot Pro main control board contains 4 5A ESCs and an 8-channel receiver. The receiver is integrated into the main control board and is set through betaflight

5.1EZ Pilot Pro Receiver

The EZ Pilot Pro receiver has 8 channels, its receiving mode is SPI RX, and the default protocol is FRSKY_D (D8).

Note: Also compatible with Frsky_X (D16), but for best performance EMAX strongly recommends Frsky_D.
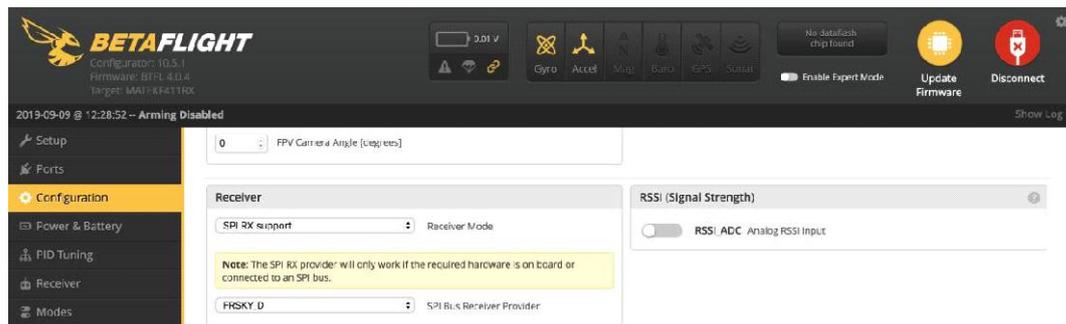
5.2 Binding steps

Binding means pairing, which is the process of connecting the receiver and the remote control together. One receiver can only be bound to one remote control, and one remote control can be bound to multiple receivers.

1. First insert the battery to turn on the EZ Pilot Pro, and then press the Bind button. The blue indicator light changes from flashing to steady light, which means that the EZ Pilot Pro onboard receiver has entered the pairing state.
2. Put the remote control into the code matching state, when the blue indicator light changes from steady on to flashing, it means the code matching is successful.
3. After the remote control is saved, the blue indicator light is always on, indicating that the EZ Pilot Pro onboard receiver has received the data from the remote control.

Note: The code matching between the remote control and the receiver does not need to be repeated unless you replace either product.

5.3 Other binding methods

The receiver can be commanded to enter bond mode via the Betaflight configurator. Type the following command in the CLI tab: bind_rx
Click the Enter key, your receiver will enter the binding mode, and then follow the binding steps 2 and 3 to complete the binding process.

6. EZ Pilot Pro flight control

6.1 EZ Pilot Pro flight control diagram
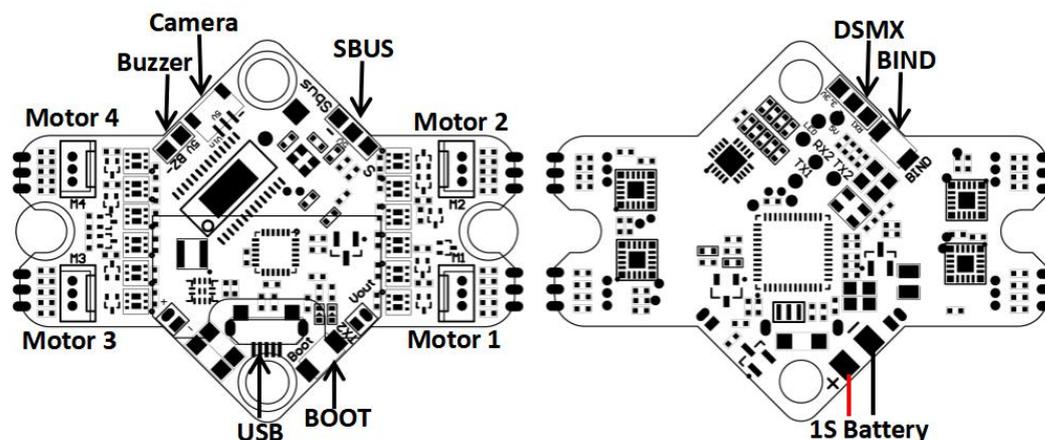
This flight controller has a MCU with a gyro.

The EZ Pilot Pro flight controls are pre-programmed and properly adjusted for optimal flight. For a complete file of tuning and configuration settings (CLI dump), visit https://emax-usa.com/ for a CLI dump.

6.2 Flight control settings

The EZ Pilot Pro is configured to take the channel map of the TAER1234.

Take E8 Transmitter as an example

AUX 1 is a 3-level switch to select flight modes; Acro, Horizon and Angle are activated in increasing order. The unlock switch of the EZ Pilot Pro is set on **AUX 1** and at the highest value.

AUX 2 is configured as a buzzer. If activated, the motor will emit a beep. Auxiliary 4 is set to Flip Over Mode (often referred to as "turtle mode").

AUX 3 is configured as a buzzer to facilitate finding the position of the aircraft

AUX 4 is configured as a buzzer Turtle mode is set when **AUX 4** is high, configure your E8 Transmitter as described above, or change these settings in the Betaflight Configurator.

6.3 Introduction to PID file

PID Profile 1 is tuned and optimized for the EZ Pilot Pro and the supplied Emax 1s HV 450 mAh battery for ultimate flight control indoors. This product is for optimal indoor use with the Emax 1s HV 450 mAh battery Designed for flight control.

This configuration has been adjusted professionally by various parties, and EMAX strongly recommends not to change these values arbitrarily.

## 6.4 Adjust software settings (Betaflight Configurator)

The Betaflight Configurator can be used to change the programming settings of the EZ Pilot Pro. Betaflight configurator and flight controller firmware are available at https://github.com/betaflight/. The hardware target of the EZ Pilot Pro flight controller is the MatekF411RX.

Disclaimer:
We do not recommend changing any PID settings of the EZ Pilot Pro or upgrading the firmware to a newer version. The EZ Pilot Pro has an optimal adjustment for superior flight performance. Changing these affects flight time, overall speed, control of the plane, and overheating inside the motor.

## 6.5EZ Pilot Pro flight control reprogramming

1. First press and hold the Boot button, and then connect the computer with the Micro USB cable to make the flight controller enter the DFU mode.
2. Select STM32411 as the target, then select the firmware, select the manual baud rate of 256000 in the drop-down menu.
3. Select Load Firmware (Online) to download the firmware.
4. Select Flash firmware to program the flight controller.
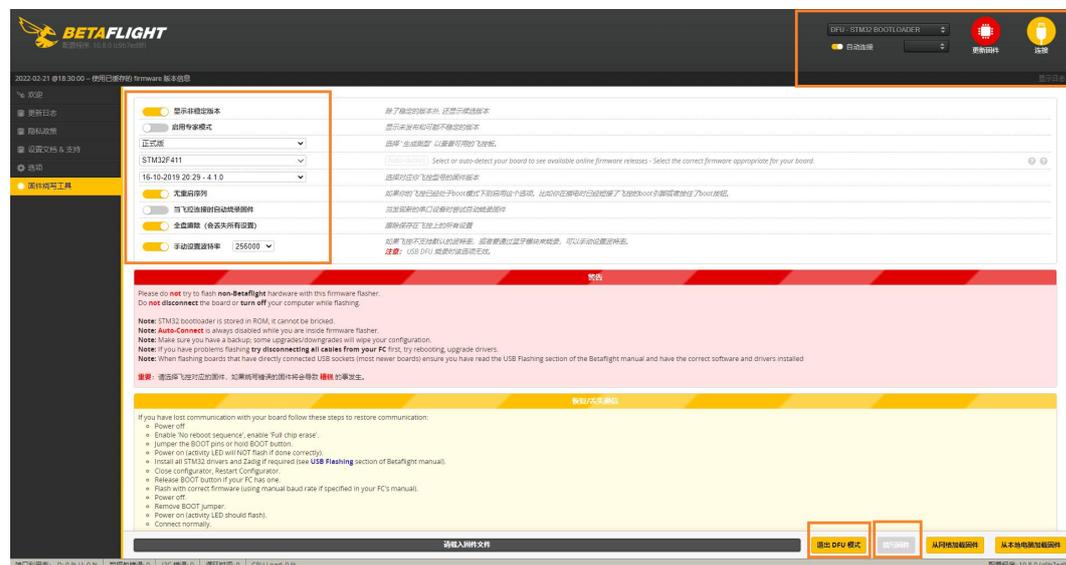
6.6 Restore EZ Pilot Pro default settings

Download the latest CLI Dump file from https://emax-usa.com/, open the CLI Dump file in a text editor and copy all the text, paste the settings into the command bar and hit enter.
EZ Pilot Pro will reconnect to Betaflight when it finishes.
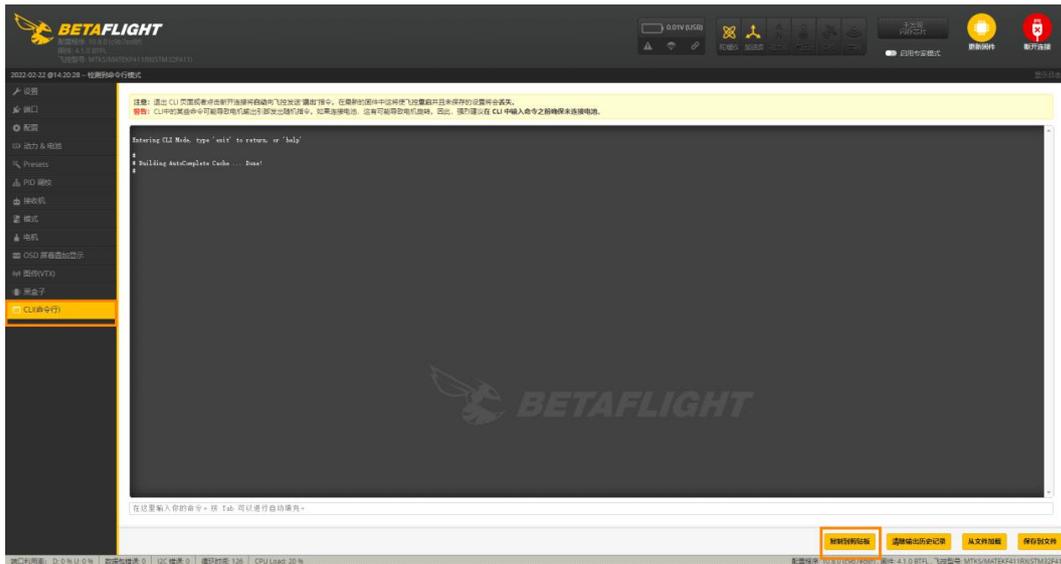
7. EZ Pilot Pro flight

Before powering on to fly, please learn the flight controls first, and then power on and fly. Always use caution when flying and operate in an open and controlled area.

First power on the E8 Transmitter and Transporter 2, EZ Pilot Pro is already bundled with the E8 Transmitter and matches your Transporter 2 on the correct video channel. Power on the EZ Pilot Pro by sliding the battery into the battery tray and plugging it in. With the battery inserted, place the EZ Pilot Pro on a level, stable surface so it can calibrate.

Calibration takes a few seconds, and then the EZ Pilot Pro is ready to fly. The EZ Pilot Pro can fly for 4 minutes with a fully charged battery. When the battery power reaches 3.2v, please land the EZ Pilot Pro; flying further down will seriously damage your battery, it is not recommended to use.
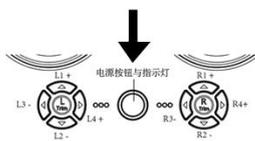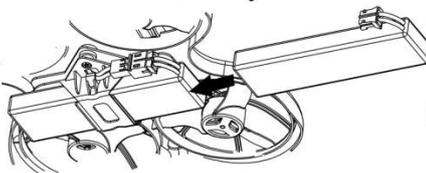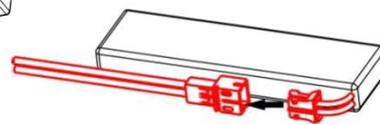
7.1 Unlock

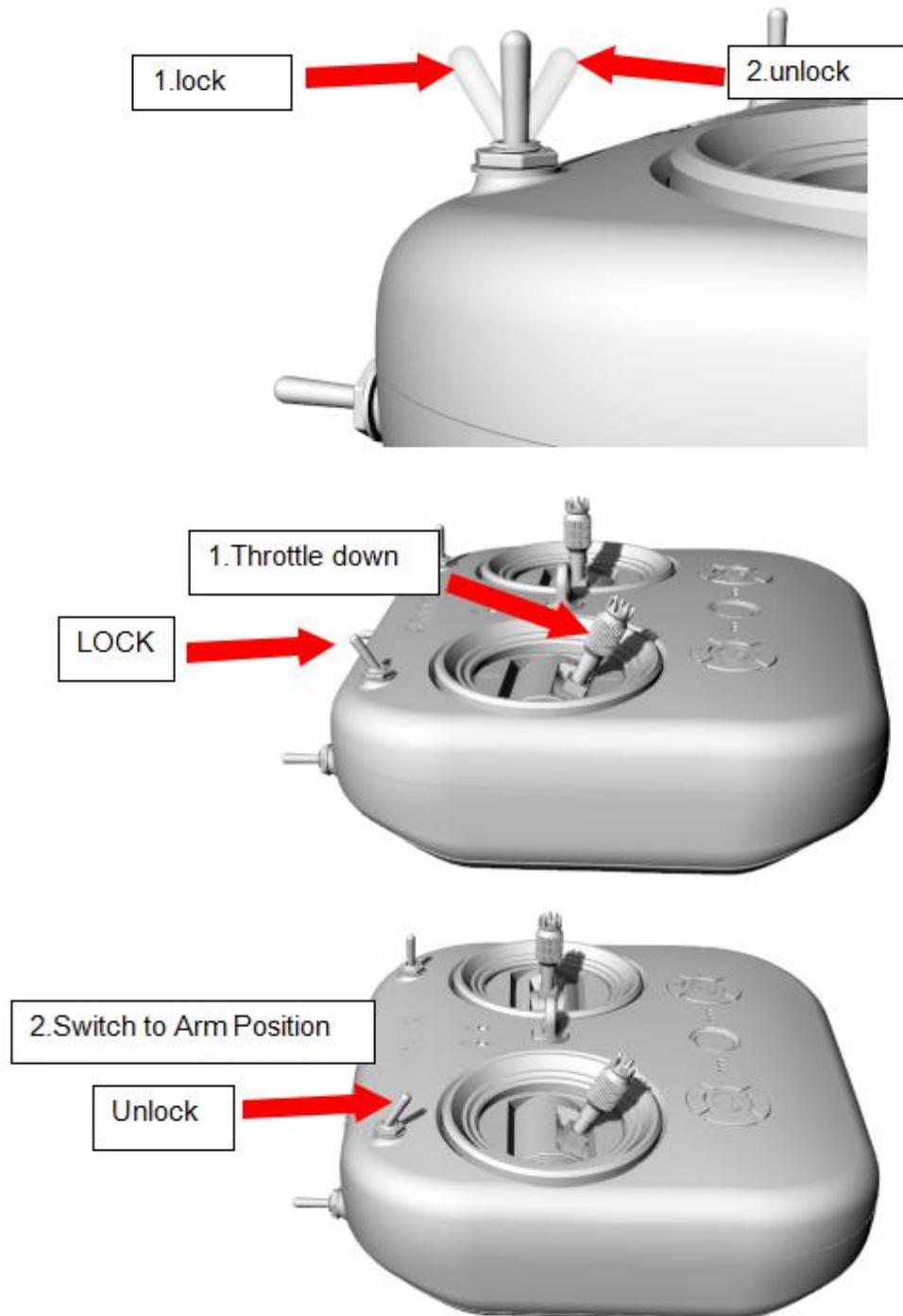Unlocking means setting the EZ Pilot Pro to a flight-ready state. When the EZ Pilot Pro is first powered up, it will not spin the propeller until it is unlocked.

1. First move the throttle to the bottom position to control the aircraft,

2. Then move the left switch of the E8 Transmitter up to the third position.

When the EZ Pilot Pro is successfully unlocked, you will see the propellers spinning.

Note: The EZ Pilot Pro must stop flying immediately in the event of a collision.

Failure to stop the flight in time can damage the EZ Pilot Pro. Before handling the EZ Pilot Pro, be sure to set the lever to the locked position.

7.2 Rate Mode
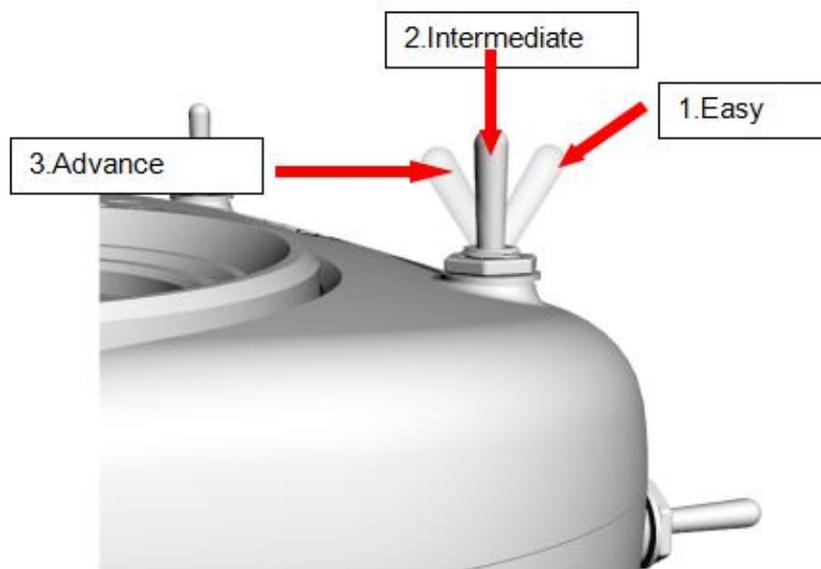
The EZ Pilot Pro is factory set to rate mode. This is an advance mode that sets the angular rate that controls the plane. The AUX 2 switch is set as a 3-level switch that changes this mode. When AUX 2 is in 1st gear, EZ Pilot Pro will be in easy mode to control and set the attitude of the aircraft. When the switch is in the middle 2nd gear, the EZ Pilot Pro will be in the middle mode and the last 3rd gear is the advanced mode.

1. Angle Mode (Gyroscopic Assistance): This is the simple flight control, the maximum angle of the EZ Pilot Pro is limited in flight to help limit the speed and make the flight easier. In this mode, the control of the aircraft is attitude based. Pitch and roll inputs from the remote control the pitch and roll angle of the aircraft. For example, a 20 degree tilt of the joystick roll will translate to a 20 degree roll tilt of the EZ Pilot Pro.

2. Horizon mode (Stabilized but Can Flip): This mode has a higher angle limit for higher speed flight with the same attitude control. The only difference is at the end of the gimbal for pitch and roll, which causes the plane to flip in that direction.

3. Rate Mode (Manual Mode): This mode gives you full control of the aircraft. There are no more angle restrictions, the control is rate based. This means that the control input from the rocker sets a rotation rate on the shaft.

Beginner Tip

To learn how to fly the EZ Pilot Pro, first fly within line of sight (without the Transporter 2 glasses). Power on the EZ Pilot Pro and place it in a safe and empty room. Start the EZ Pilot Pro and use the left stick to raise the throttle to the hover position. First try to maintain a stable altitude, and control the throttle pitch angle of the joystick with the thumbs of the left and right hands to make the EZ Pilot Pro fly normally. You need to practice many times to reach the proficiency level.

7.3 Advanced Flight - First Person View (FPV) Flight

When you have a certain basic operation of flying, you can try to fly with the Transporter 2, make sure that the EZ Pilot Pro and the goggles Transporter 2 are on the same VTX channel, and choose an open and safe place to fly, based on the experience gained from ordinary flying EZ Pilot Pro To operate, control the throttle to keep the plane level and fly slowly, it is easier to learn to fly FPV. After enough flying experience, you can control the EZ Pilot Pro to fly freely in the air like driving a car.

Transporter 2 On Screen Display (OSD) image data from the EZ Pilot Pro camera. The OSD displays important information such as flight time and battery voltage. During the flight, keep an eye on these numbers to get an idea of   how much time is left on the battery. The EZ Pilot Pro can fly for up to 4 minutes. Let the EZ Pilot Pro land when the battery reaches 3.2v. It is not recommended that the battery voltage be below 3.2v, otherwise the battery will be damaged.

WARNING: Try to maintain a controllable altitude to fly, do not hit the stick hard when controlling the EZ Pilot Pro, it will make the aircraft difficult to control; do not let the battery go below 3.2v; the default AUX3 switch is set to the second position (middle) , a buzzer will be activated in order to find the EZ Pilot Pro.

Thank you for purchasing our product! Enjoy Flying EZ Pilot Pro.

Warning：
Please pay attention to your surroundings. Not Recommended for persons under 14 years of age.