

Rabbit flight control tone parameters software instructions for use
2012-1-8

First, the software used to read or set the rabbit flight control and flight-related data.

Second, the software installation and operation

A. Will extract the package, run setup.bat installation program will adjust parameters software installation to your computer

(Note: (1) run setup.bat, to pay attention to the computer prompts, to prevent the 360 software such as Trojan horse firewall to prohibit the operation of the software should ensure that "Le Flying model aircraft upgrade debugging tools. Exe" file and "mscomm32.ocx file in the same directory,

Otherwise, this software will not run)

Two. Double-click the music fly model aircraft upgrade debugging tools. Exe to run.

(Note: pay close attention to the computer prompts in the prompt, select "Run" option to allow, to ensure that the software starts normally, 360 and other anti-virus software fault will prevent the software as a Trojan horse software to prohibit operation).

3. Click the upper-right corner of the screen "X" button to shut down the software.

Third, the interface of the soft box and instructions for use

★ click on the button in the interface, will be the use of the project prompted.

Choose to upgrade ("file", "upgrade", "display the data except for these three buttons.)

★ every re-election once serial port, will re-read from the flight control data, interface data will also be updated.

Each select one to restore the default parameter options, the interface data will be updated to the default parameter values.

★ interface is illustrated below:

★ each functional classification instructions

串口选择及固件升级区，按说明操作即可

左键单击红色方框所住的按钮，弹出该功能的使用提示，但没有其它操作。

本处为设置操作区，拖动滑块到相应位置，释放鼠标后，即将数值（在右侧显示框中显示）设置并保存到玉兔飞控的主板中

传感器选择区，用鼠标单击即可选择或取消选择。

电池电压显示与校准区，点“校准”按钮有操作提示。

通道与传感器数据显示区

A. Serial line to select:

The first time you run the software on the same computer, the default "OK" button to open the serial port COM3, serial port failed to open, please click on the prompt interface, open the software to the serial port interface list box you want to use serial port, until you select the serial port is successfully opened and normal use so far.

Each time they are open and normally use the serial port will be preserved as the next time the software to open the default serial port.

Two. Firmware upgrade:

First click on "select the upgrade file" button in the dialog box, select the appropriate upgrade file (if the file is the wrong choice will be given prompt, you need to re-select), and then point to the right of the "upgrade" button. start the firmware upgrade, and will display the firmware upgrade process. (The upgrade process, please do not interrupt the upgrade process, otherwise, the original firmware and new firmware will make the flight control were impaired.)

3. Flight control motherboard parameters set

Need according to your flight, respectively, drag each item to set the slider on the slider bar to the appropriate location of the data (the specific values will be displayed to the right of the slider box), release the mouse, the value will immediately be set and saved rabbit flight control board (no need to click on the left side of the slider button). Click on the slide bar left button, the project operating tips.

Special Note: the alarm voltage setting slide on the slider to the location of the data value is 100 times the voltage value of the actual set.

: Set the data for the 350, show that the set alarm voltage is 3.5 volts.

Parameters to adjust and set up a detailed work, and its success is directly related to the quality of aircraft flying. Recommended mold the faithful in the system default parameters on the basis of the actual situation, according to their own vehicle, make an appropriate adjustment.

4. Custom options

Definition and selection according to the channel of your remote control and switch gear (1) for each behavior of a custom function (1) can be selected according to the channel of your remote control and switch gear.

For example: If you want to set a 5-channel switch, low-grade bit self-stability function, then you simply click on the first row and first column of the selection box, it marked the check mark. At this point, only when set to 5 channel switch stalls for low-bit, with self-stability function, do not use this stall does not have homeostatic functions.

You can also 5,6-channel low-, high-grade are checked, so any stall in the use of these six stalls with homeostatic functions.

② If the row is blank, it indicates whether the channel which a switch gear, do not have the custom features.

③ Because of the functional needs, "homeostasis" and "3D special effects," heading lock "and" CF "can not be defined in the same channel in the same switch gear, the same column can not select. For example, you can not be 5-channel low-grade switch at the same time is defined as

Homeostasis and 3D special effects functions. Nor can it be at the same time defined with heading lock and the CF function. You can define the 5-channel low-grade switch for auto-function, in the stalls switch defines the 3D stunt functionality.

5 Sensor selection

Rabbit motherboard connect the various functional modules, need to select here, only select the sensor module, flight control has a corresponding function, otherwise the custom function settings will not work.

6. Battery voltage display and calibration

Battery voltage display

Make sure the battery and flight control normal connection, and then start the software, chip voltage of the battery pack showing in four display box.

If it is to start the software before connecting the battery, you need to connect the battery, re-select the serial port to update the data, the chip voltage of the battery pack will be displayed in the corresponding display box.

Battery voltage calibration

First multimeter accurately measure the battery voltage and the voltage input to the display box (Note: the voltage of 4.12 V to enter the data value 412, to ensure the consistency of the data format), and then click on the right side of the "calibration" button. The battery voltage is calibrated.

7. Data of each channel, magnetic angle, ultrasonic height, pneumatic needle height of display area

Click the "Show data" button, the data will be displayed and updated in a timely manner. At this point, the other features of this software will be turned off to ensure that the data transmission without interference. Display data at the same time, the button name changes to "stop the show".

Click "Stop" button, then stop displaying the corresponding data, the area is turned off. Other functional recovery for the state.

8. Restore the default parameter values

If you want to restore rabbit flight control in the factory default the parameter value in the upper right list box, select the appropriate type of rack, the corresponding default parameter values will be restored to the flight control motherboard and the software interface displayed automatically (without having to click on the left of the list box "Restore Default Data" button). Click the "Restore Default Data" button, then the project's use of prompts.

Fourth, the software will with rabbit flight control upgrade and update functions will also be extended to other products of the music fly model aircraft: "Battery Companion".

Music to fly model aircraft will be adhering to the mold the faithful has consistently advocated the "do-it-yourself spirit, constantly enrich and improve our products and the flying life of the rich die faithful to make their own efforts and contributions! Welcome mode Friends of valuable advice in use!