

X6 Remote control instructions

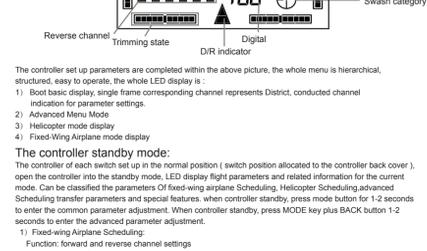
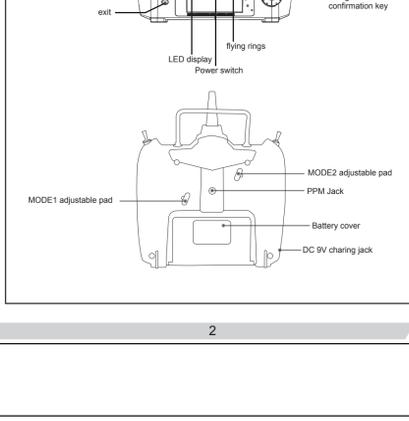


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Warning:
The controller uses with 6S AA batteries, provided to use the AA battery and 6 battery do not meet the product. The controller is not a toy, it's not suit for the children under the age of 14 who do not have a rich experience of handling. Suggest you play with the person who have rich experience. The manufacturer and distributors are not responsible for the uses. please be sure to read the instructions carefully before use.
The product passed the related certification, such as FCC CE ROHS and so on.

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Monitor Description:
The controller with bright high-definition segmented LED display as the user interface, the next picture shows the remarkable display full screen:

The controller set up parameters are completed within the above picture, the whole menu is hierarchical, structured, easy to operate, the whole LED display is:

- 1) Boot basic display, single frame corresponding channel represents District, conduced channel indication for parameter settings.
- 2) Advanced Menu Mode.
- 3) Helicopter mode display.
- 4) Fixed-Wing Airplane mode display.

The controller standby mode:
The controller of each switch set up in the normal position (switch position allocated to the controller back cover), open the controller into the standby mode, LED display light parameters and related information for the current mode. Can be classified the parameters of fixed-wing airplane Scheduling, Helicopter Scheduling, advanced Scheduling transfer parameters and special features. When controller standby, press mode button for 1-2 seconds to enter the common parameter adjustment. When controller standby, press MODE key plus BACK button for 1-2 seconds to enter the advanced parameter adjustment.

- 1) Fixed-wing Airplane Scheduling:**
- 1) Forward and reverse channel settings
 - 2) The size of the rudder setting
 - 3) Throttle curve setting
 - 4) MIXES channel mixing set (delta wing mixing V-tail mixing Flaperon mixing)
- 2) Helicopter Scheduling:**
- 1) Forward and reverse channel settings
 - 2) The size of the rudder setting
 - 3) Throttle curve setting
 - 4) Gyroscope parameter settings
- 3) Advanced Scheduling:**
- 1) Mode/MODE settings (optional mode/10 groups)
 - 2) Model selection (Helicopter fixed-wing Airplane)
 - 3) CPMF mixing control mode selection (helicopter only)
 - 4) Servo midpoint calibration
 - 5) MODE1/MODE2 Control mode setting (MODE1 / MODE2)

4) Special Function:
Function: Binding and receiver for code 3D switch protection
Throttle position protection
Controller Power Management
Rudder midpoint calibration
Simulator function
Restore factory settings

Fixed-wing control mode

1) Switch Description

5) Channel flap

6) Channel landing gear

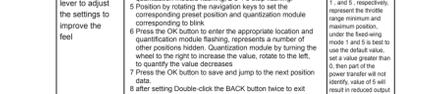
2) Forward and reverse channel set

3) The size of the rudder-parameter settings

4) Special Function

4) E curve (EXP) parameter settings

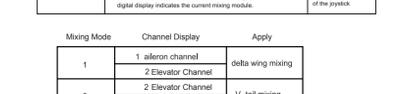
Functional Description	Setting steps	Description
To provide users with a joystick curve adjustment, improving operating hands, provides three channels of all-terrain elevator direction of positive and negative curves adjustment.	1 Turned 2 Press the MODE button for one second, the screen Reverse and 123456 flashes 3 Rotate right through the navigation keys appear 1P curve with 1 2 3 4 5 flashing 4 Press the OK button to enter, a flashing digital quantization module, EXP and 24 steps flashing 5 Position by rotating the navigation keys to set the corresponding preset position and quantization module corresponding position to blink 6 By rotating the navigation key right to adjust the value of the amount of rudder, rotate the value, rotate to the left, to quantify the value decreases 7 Press the OK button to save and jump to the next channel data 8 After setting Press Double-click the BACK button twice to exit the setting	Joystick curve index is positive, indicating that the rudder curve is set at both ends of the rudder allow change, change both ends of a positive value, Curve Pulse setting value 100% = 100



5) Throttle curve (T curve) parameter settings

Functional Description	Setting steps	Description
To provide users linear throttle lever to adjust the settings to improve the feel	1 Power on 2 Press the MODE button for one second, the screen Reverse and 123456 flashes 3 Rotate right through the navigation keys appear T curve with 1 2 3 4 5 flashing 4 Press the OK button to enter, D/R and triangular bar with 24 steps flashing, 100% quantized values 5 By rotating the navigation keys to adjust the value of the amount of rudder, rotate the value, rotate to the left, to quantify the value decreases 6 Press the OK button to save and jump to the next channel data 8 After setting Press Double-click the BACK button twice to exit the setting	Throttle curve index 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data

The figure below is a description of the role of the throttle curve index of output



6) Mixing Set

Functional Description	Setting steps	Description
Provides users with three commonly mixing mode for setting	1 Power on 2 Press the MODE button for one second, the screen Reverse and 123456 flashes 3 Rotate right through the navigation keys appear MIXES 4 Press the OK button to enter, 123 flashing and mixer stop flashing 5 By rotating the navigation keys to set the mode, the corresponding mixing mode indicator flashing corresponding 6 Choosing to be set after mixing mode press the OK button to enter, appear to be mixing the current channel and the main channel flashing 7 By the navigation keys to select the channel to be set press the OK button to enter, the current channel and the quantization module (pre-mixing amount of 80%) is flashing 8 After mixing proportions set by the navigation keys Press the OK button to enter the secondary channel setting 9 Press the OK button to confirm the setting and maintaining the data with the second channel to set 10 Double-click the BACK button twice to exit the setting under 2 channel repeat digital indicates the current mixing mode.	No display channel area represents no mixing channel display shows a representative of the delta wing mixing channel display area 2 V-tail mixing channel display area 3 Flaperon mixing channel display area 4 a negative value indicates a direction opposite to the operation direction of the purpose.

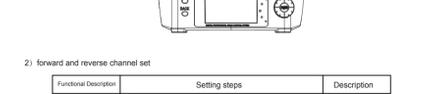
Mixing Mode	Channel Display	Apply
1	1 All-terrain channel	delta wing mixing
	2 Elevator Channel	
2	4 Direction channel	V-tail mixing
	1 All-terrain channel	
3	6 Flap channel	Flaperons mixing

Release mixing control mode

2 Press the MODE button for one second, the screen Reverse and 123456 flashes
3 Rotate appear MIXES current mixing pattern appears flashing through the navigation keys
4 Press the OK button to enter, MIXES stop flashing, the current mode represents digital mixing flashing
5 Rotate Left navigation key appears 123 flashing, then press BACK button to exit
6 Release mixing control mode successfully, when done mixs, mode and digital display on the screen.

Helicopter mode setting parameter adjustment

1) Switch Description



2) forward and reverse channel set

3) The size of the rudder amount parameter settings

4) controller Power Management

5) controller midpoint calibration

6) Functional operation of the simulator

7) Restore factory settings

4) E curve (EXP) parameter settings

Functional Description	Setting steps	Description
To provide users with a joystick curve adjustment, improving operating hands, provides three channels of all-terrain elevator direction of positive and negative curves adjustment.	1 Power on 2 Press the MODE button for one second, the screen Reverse and 123456 flashes 3 Rotate right through the navigation keys appear EXP 4 Press the OK button to enter, 123 flashing and mixer stop flashing 5 By rotating the navigation keys to set the mode, the corresponding mixing mode indicator flashing corresponding 6 Choosing to be set after mixing mode press the OK button to enter, appear to be mixing the current channel and the main channel flashing 7 By the navigation keys to select the channel to be set press the OK button to enter, the current channel and the quantization module (pre-mixing amount of 80%) is flashing 8 After mixing proportions set by the navigation keys Press the OK button to enter the secondary channel setting 9 Press the OK button to confirm the setting and maintaining the data with the second channel to set 10 Double-click the BACK button twice to exit the setting under 2 channel repeat digital indicates the current mixing mode.	Joystick curve index is positive, indicating that the rudder curve is set at both ends of the rudder allow change, change both ends of a positive value, Curve Pulse setting value 100% = 100



5) T curve setting

Functional Description	Setting steps	Description
To provide users linear throttle lever to adjust the settings to improve the feel	1 Power on 2 Press the MODE button for one second, the screen Reverse and 123456 flashes 3 Rotate right through the navigation keys appear T curve with 1 2 3 4 5 flashing 4 Press the OK button to enter, D/R and triangular bar with 24 steps flashing, 100% quantized values 5 By rotating the navigation keys to adjust the value of the amount of rudder, rotate the value, rotate to the left, to quantify the value decreases 6 Press the OK button to save and jump to the next channel data 8 After setting Press Double-click the BACK button twice to exit the setting	Throttle curve index 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data



6) Set pitch curve

Functional Description	Setting steps	Description
According to the needs, segmentation of settings provides different needs pitch stop flashing settings, set the pitch curve	1 Power on 2 Press the MODE button for one second, the screen Reverse and 1 2 3 4 5 6 flashes 3 Rotate right through the navigation keys appear GYRO flashing 4 Press the OK button to enter the digital quantization module flashing 5 Position by rotating the navigation keys to set the corresponding preset position and quantization module corresponding position to blink 6 Press the OK button to enter the appropriate location and quantization module by turning the wheel to the right to increase the value, rotate to the left, to quantify the value decreases 7 Press the OK button to save and jump to the next channel data 8 Press the OK button to save and jump to the next channel data 9 After setting Press the BACK button twice to exit the setting	Pitch curve with 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data

7) Gyro sensitivity settings

Functional Description	Setting steps	Description
To provide users with a helicopter sensitivity settings, lock the servo arm rotation, provides different needs pitch stop flashing settings, set the pitch curve	1 Power on 2 Press the MODE button for one second, the screen Reverse and 1 2 3 4 5 6 flashes 3 Rotate right through the navigation keys appear GYRO flashing 4 Press the OK button to enter the digital quantization module flashing 5 Position by rotating the navigation keys to set the corresponding preset position and quantization module corresponding position to blink 6 Press the OK button to enter the appropriate location and quantization module by turning the wheel to the right to increase the value, rotate to the left, to quantify the value decreases 7 Press the OK button to save and jump to the next channel data 8 Press the OK button to save and jump to the next channel data 9 After setting Press the BACK button twice to exit the setting	Pitch curve with 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data



Advanced remote control parameter adjustment

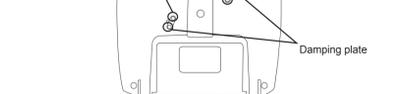
Functional Description	Setting steps
To provide users with a joystick curve adjustment, improving operating hands, provides three channels of all-terrain elevator direction of positive and negative curves adjustment.	1 Power on 2 Press MODE and BACK button at the same time for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation key to enter modular digital display flashing MDL Set stop flashing 4 Press the OK button to enter, 123 flashing and mixer stop flashing 5 Press the BACK button to save the setting

Model selection

Functional Description	Setting steps
Easy for customers to set different modes.	1 Power on 2 Press MODE and BACK button at the same time for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation key to enter the mode settings, MDL set and modular digital display flashing MDL Set stop flashing 4 Press the OK button to enter, 123 flashing and mixer stop flashing 5 Press the BACK button to save the setting

Swashplate set
Helicopter needs swashplate set, fixed-wing doesn't need

Functional Description	Setting steps
To provide users with a joystick curve adjustment, improving operating hands, provides three channels of all-terrain elevator direction of positive and negative curves adjustment.	1 Power on 2 Press MODE and BACK button at the same time for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation key to enter the mode settings, MDL set and modular digital display flashing MDL Set stop flashing 4 Press the OK button to enter, 123 flashing and mixer stop flashing 5 Press the BACK button to save the setting



Flight mode selection (MODE1/MODE2)

Functional Description	Setting steps	Description
Used to adjust the servo arm rotation, provides different needs pitch stop flashing settings, set the pitch curve	1 Power on 2 Press the MODE and BACK button for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation keys appear 1P curve with 1 2 3 4 5 flashing 4 Press the OK button to enter, a flashing digital quantization module, EXP and 24 steps flashing 5 Position by rotating the navigation keys to set the corresponding preset position and quantization module corresponding position to blink 6 Press the OK button to enter the appropriate location and quantization module by turning the wheel to the right to increase the value, rotate to the left, to quantify the value decreases 7 Press the OK button to save and jump to the next channel data 8 Press the OK button to save and jump to the next channel data 9 After setting Press the BACK button twice to exit the setting	Flight mode with 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data

5) Flight mode selection (MODE1/MODE2)

Functional Description	Setting steps	Description
User-friendly for different flight mode	1 Power on 2 Press the MODE and BACK button for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation key to flight mode selection (A: All-terrain mode) or flight mode selection (B: Helicopter mode) 4 Press the OK button to enter the MODE flight mode flashing, flashing flight mode 1 or 2 5 Press the BACK button twice to exit the setting 7 MODE1 and MODE2 need to connect the software restructuring 8 After the above adjustments, the success of the flight control mode conversion.	Flight mode with 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data

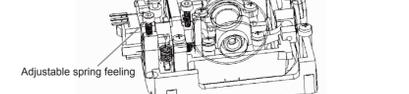
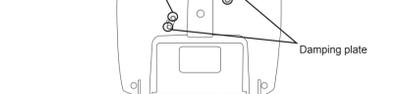
Open the back cover of the controller as shown in the above rubber cover



1) Restore factory settings

Functional Description	Setting steps	Description
When the user parameter settings, the function cannot be restored to factory settings.	Shut down the remote control, press MODE + BACK button to open the remote control, the display shows the WRC OK, about 10 seconds to restore normal display remote control, restore factory settings successful. Below is restore factory settings steps	The remote control only rotor channel restore factory settings, connecting flight simulator parameters need to be set up in the simulator software

According to convert the current need to use a Phillips screwdriver to open the throttle press board, while relaxing the current damping plate so feel lighter, reducing the damping. Then some of the channel to be used as the throttle lock press board, separated springs, rocker or claw and adjust the damping plate according to personal feel.



4) Servo setting

Functional Description	Setting steps	Description
Used to adjust the servo arm rotation, provides different needs pitch stop flashing settings, set the pitch curve	1 Power on 2 Press the MODE and BACK button for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation keys appear SERVO flashing 4 Press the OK button to enter the digital quantization module flashing 5 Position by rotating the navigation keys to set the corresponding preset position and quantization module corresponding position to blink 6 Press the OK button to enter the appropriate location and quantization module by turning the wheel to the right to increase the value, rotate to the left, to quantify the value decreases 7 Press the OK button to save and jump to the next channel data 8 Press the OK button to save and jump to the next channel data 9 After setting Press the BACK button twice to exit the setting	Servo setting with 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data

5) Flight mode selection (MODE1/MODE2)

Functional Description	Setting steps	Description
User-friendly for different flight mode	1 Power on 2 Press the MODE and BACK button for 1-2 seconds to enter the mode settings, MDL set and modular digital display flashes 3 Rotate right through the navigation key to flight mode selection (A: All-terrain mode) or flight mode selection (B: Helicopter mode) 4 Press the OK button to enter the MODE flight mode flashing, flashing flight mode 1 or 2 5 Press the BACK button twice to exit the setting 7 MODE1 and MODE2 need to connect the software restructuring 8 After the above adjustments, the success of the flight control mode conversion.	Flight mode with 1 2 3 4 5 representing the five positions throttle set, the default value is 25%, 50%, 75%, 100%, the maximum amount is 100%, the minimum amount is 0, 1, and 5, respectively, represents the throttle gain, minimum and maximum position, when the flashing quantization module parameter settings, the user can press the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data, the OK button to save and jump to the next channel data

Model category	No mixing fixed-wing aircraft
The size of the rudder	Big rudder Left 100%
	Big rudder Right 100%
	Small rudder Left 80%
	Small rudder Right 80%
	Elevator Channel Big rudder Left 100%
	Elevator Channel Big rudder Right 100%
E curve	Elevator Channel EO 0%
	Direction channel EO 1
	2 25%
	3 50%
	4 75%
	5 100%
Pitch curve	Normal Mode 1 25%
	Normal Mode 2 50%
	Normal Mode 3 75%
	Normal Mode 4 100%
	5 0%
	0 100%
Trimming	Allerton channel 0
	Elevator Channel 0
	Throttle channel 0
	Direction channel 0
	Allerton channel 0
	Elevator Channel 0
Midpoint trimming	Throttle channel 0
	0 0
Mixing wing	OFF mixing channel A Left 80%
	mixing channel B Left 80%
	Right 80%
	Left 80%
	Right 80%
	Left 80%