

## **EX8 Quick start guide**

### **Introduction**

Thank you for purchasing the EX8 LDARC system transmitter, this TX is suitable for all types of fixed-wing, helicopter, boats, multi-rotor, aircraft, car and more, the system is versatile and can be used by beginners and professionals, in order to ensure the correct and safe use of this product, please read this instruction manual carefully before use, the information contained in this manual is subject to change without notice.

### **Safety instructions**

Many transmitter models are equipped with powerful motors and sharp propellers, use caution when operating models, when assembling or maintaining, make sure the model is powered off and the propeller is removed. Do not operate the EX8 transmitter under the following conditions:

- 1、 In severe weather or strong wind conditions, such as rain, hail, snow, storm or electromagnetic environment
- 2、 Under any circumstances where visibility is limited.
- 3、 In areas where people, property, high-voltage power lines, public roads, vehicles or animals may be present
- 4、 If you feel tired or unwell, or under the influence of drugs or alcohol
- 5、 If the transmitter model appears to be damaged or not working properly.
- 6、 In areas where 2.4GHz interference is high or where 2.4GHz radios are prohibited
- 7、 When the battery voltage is too low to use,
- 8、 In areas where local regulations prohibit the use of aviation models

### **Warming**

Please check the voltage and condition of the battery regularly, never charge it unattended, always charge it in a safe area away from combustible materials, and do not charge the remote control if it gets wet or is damaged in any way.

**Note: Please connect the battery to the transmitter before use**

### **Parameter**

Protocol: S-FH2S, D16 non-EU, D16 EU-LBT

Working time: 4-7 hours

Transmission power: 25/100mW

Display: 128\*64 LCD

Channel: 8CH

Frequency: 2.4G

Transmitter frequency: CC2500

Battery: 600mAh/3.7V

Weight: 223g

**Manual & firmware:** <https://tx.ldarc.com>

### Characteristics

- 1、 Self-developed LDA system, simple operation
- 2、 One 2-stage switch+three 3-stage switch
- 3、 New G3842 mechanical joystick
- 4、 3 protocols compatible
- 5、 Adjustable transmitter power
- 6、 LCD display with backlight
- 7、 Timing function
- 8、 Trainer locking mode
- 9、 Built-in removable battery, USB-C charging
- 10、 Simulator support
- 11、 Sound and vibrations reminder
- 12、 RGB atmosphere lamp
- 13、 Outfield handbag is standard

### Function keys



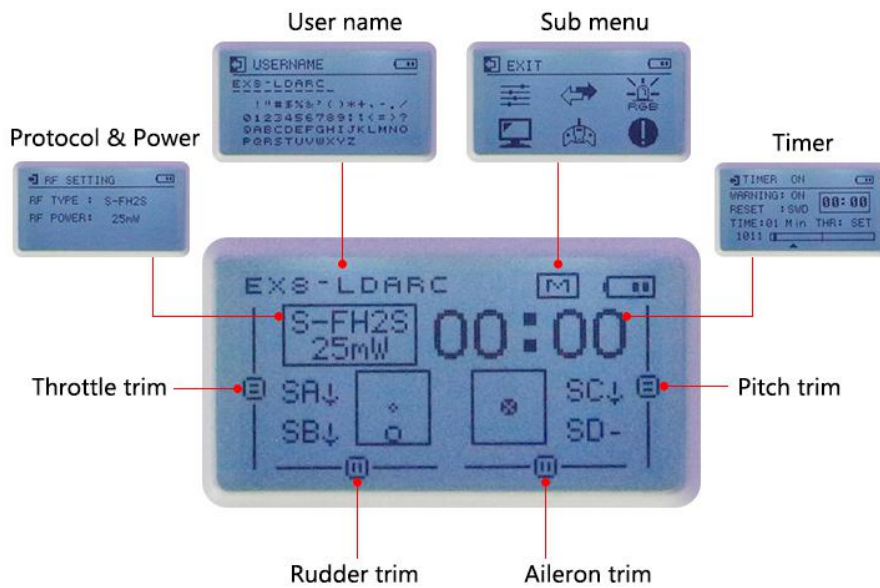
**Manual & firmware:** <https://tx.ldarc.com>




**Main menu:**

Select/OK button, scroll to select menu, long press or short press to confirm menu

Trainer locking mode

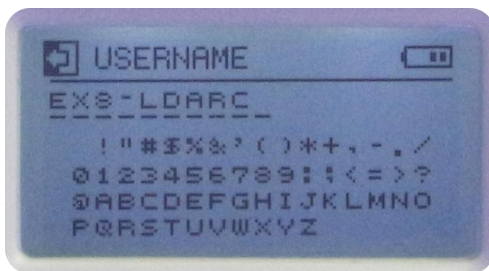


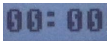
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**1、 Trainer locking mode:** Long press on the main menu page to enter the teaching lock mode. After selecting the , it will turn into reverse color state. Long press to exit.



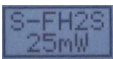
**2、 User name:** Select  on the main menu page to enter the user name setting, and "Select/Confirm" key to set the user name



**3、 Timer:** Press  from the main menu to enter the timer setting page

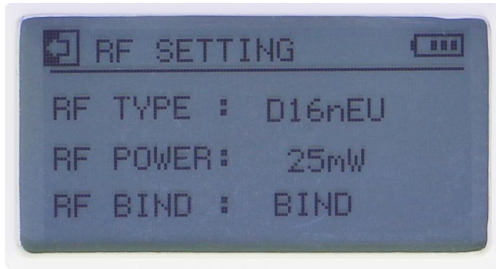
- 3.1、 TIMER"ON/OFF"
- 3.2、 WARNING"ON/OFF"
- 3.3、 RESET"SWD/OFF"
- 3.4、 TIME"03 Min"
- 3.5、 THR"SET"




**4、 Protocol & Power:** Press  in the main menu to enter the setting page, modify the protocol type and transmitting power through the "Select and Confirm" button, and activate the remote control to adjust the frequency mode.

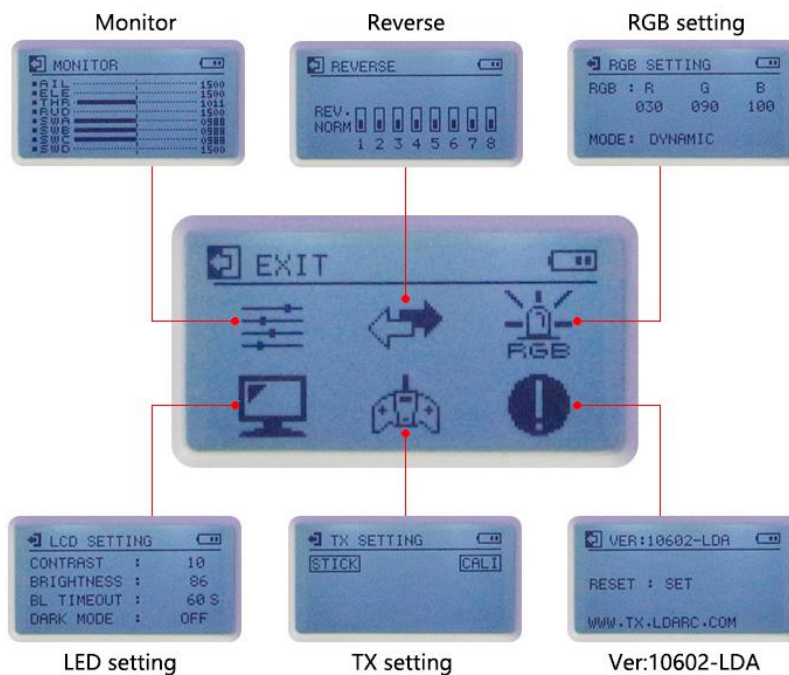
- 4.1、 RF TYPE"D16nEU"
- 4.2、 RF POWER"25mW"
- 4.3、 RF BIND"BIND"

**Manual & firmware:** <https://tx.ldarc.com>



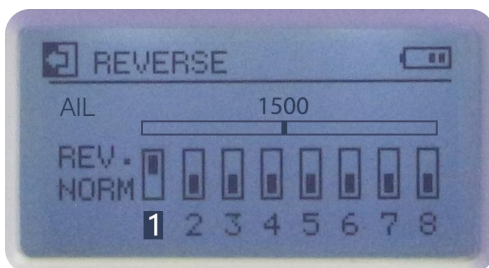
5、 **Trim:** Select the throttle/rudder/pitch/aileron trim menu and press to enter the setting page to adjust the throttle/direction/pitch/aileron. When adjusting, trim value will be displayed at the corresponding place.

6、 **Sub menu:** Press  from the main course menu to enter the setting page.



6.1、 **Monitor:** Monitor the rudder capacity, forward and reverse direction of the remote rod.

6.2、 **Reverse:** Select the channel that needs to be reversed, and the channel value will be displayed in reverse color. At this time, short press to complete the reverse setting.

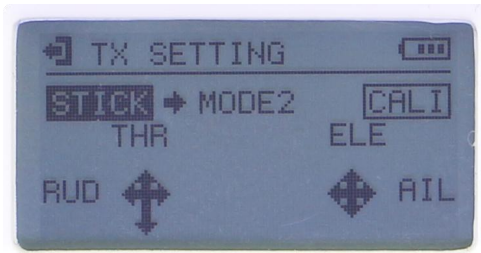


6.3、 **RGB setting:** Mainly set the color, brightness and display mode of the atmosphere lamp, "R"represent red, "G"represent green, "B"represent blue, In the MODE menu, "DYNAMIC" means dynamic MODE, "NORMAL" light means no DYNAMIC MODE"

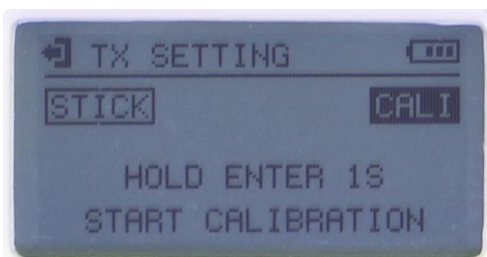
6.4、 **LCD setting:** "CONTRAST", "BRIGHTNESS", "Back light TIMEOUT", "DARK MODE".

### 6.5、TX setting

A、 Select "Stick" and press to select "Mode1" & "Mode2".



B、 Select "CALI", long press to enter the remote rod calibration page, SET the remote rod in neutral position, then select "SET" and short press to circle the remote rod to the maximum extent. Once completed, short press "SET" again.



7、 Ver:10602-LDA : Select "SET", pop-up window prompt, "YES" to restore the factory, re-calibrate the neutral position of the remote bar after factory setting.



### Bind

S-FH2S bind,power on TX then power on AC940 while pressing the key, green LED fast blink meaning bind mode, user can release the key.green LED solid when receiver bind completed,brightness level of receiver's green LED meaning signal strength.

D16 non-EU and D16 EU-LBT bind , power off TX, then power on AC940 while pressing the key, GREEN LED fast blink meaning bind mode,user release the key,Set TX to bind mode.RED LED solid when bind completed,TX need exit bind mode.Brightness level of receiver's GREEN LED meaning signal strength.

### Package list

- 1、 Package1:MODE1\*1
- 2、 Package2:MODE2\*1
- 3、 Package3:MODE2\*1+Wireless simulator(W/ RX)+AC940 RX

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**After-sales service**

If there is a problem with your EX8 transmitter hardware, please keep the proof of purchase and contact the retailer where you purchased it.