Introduction
Thank you for purchasing FrSky 2.4GHz ACCST Taranis X-Lite digital telemetry radio system. As a compact and convenient transmitter, it has a multi-functional joystick and it is ergonomic and compact designed. In order to make the most of our system and to fly safely, please read the manual carefully. If you have any difficulties while using your system, please consult the manual, your hobby dealer, or FrSky technical support.

Due to unforeseen changes in production, the information contained in this manual is subject to change without notice. Pay special attention to safety where indicated by the following marks:

Meanings of Special Markings
- DANGER - procedures which may lead to dangerous conditions and cause death/severe injury if not carried out properly.
- CAUTION - procedures which may lead to dangerous conditions and cause serious injury and even death to the user if not carried out properly or procedures where the probability of superficial injury or physical damage is high.
- NOTICE - steps, tips or information that may lead to injury or physical damage, if not carried out properly.

NOTE

- Always keep electrical components away from children.
- Do not use the transmitter if a “Backup Error” warning occurs. Internal settings and memories to be destroyed.
- Make sure the adjust hole is correct, or the device is likely to broken.
- Do not use screws that are too long when switching the throttle mode.
- Please distinguish between long screws and short screws when switching the throttle mode.

Layout

Quick select options

To go to the (System) menu, move the multi-function joystick to the left and hold for one second.

To go to the (Model) menu, move the multi-function joystick to the right and hold for one second.

To go to the (Telemetry) menu, move the multi-function joystick to the left and hold for one second.

To navigate the menus, Taranis X-Lite has the following elements:

- Multi-function joystick
- Exit Button
- Shift Button

Overview of the menu tree

To navigate menus or widgets, move the Multi-function joystick to four directions as navigation.

1. To go to the next page, move the Multi-function joystick to the right and hold for one second.

2. To check the information, move the Multi-function joystick to the left or right.

3. To go to the previous page, move the Multi-function joystick to the left and hold for one second.

4. To navigate menus or widgets, move the Multi-function joystick to four directions as navigation.

5. To move the Multi-function joystick to the right and hold for one second, you can choose the Switch and define its position in the Mix menu.

6. To move the Multi-function joystick to the right or left, you can define the position in the Mix menu.

7. To change the data in other menus, firstly move the cursor to the item, then press the center of the Multi-function joystick to define the position.

8. To change the data in other menus, secondly press the center of the Multi-function joystick to define the position.

9. To reset all above, jump to the tele setup page.

10. To change the data in other menus, firstly move the cursor to the item, then press the center of the Multi-function joystick to define the position.

11. To change the data in other menus, secondly press the center of the Multi-function joystick to define the position.

Warning: Please distinguish between long screws and short screws when switching the throttle mode.

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Battery Installation

- Hold the battery covers and rotate them to the left.
- Put the batteries with the positive pole as head into the transmitter.
- Make sure the battery covers match with the battery compartments perfectly and rotate them to right until locked.

Specifications

- Wireless trainer system supported
- Compatible with Frei Free Link APP
- High-speed internal and external module digital interfaces
- 40KHz, 40MHz, 400MHz
- Super low latency (Total latency < 20ms, lower to 10ms)
- Can be used with free Life-type external modules (RIM Lite, MPM Lite, etc.)
- Installed open source operating system - OpenTX
- Haptic vibration alerts and voice speech outputs (Headset jack and inbulit speaker)

Features

- Ergonomic and compact design
- D8 Lite Gimbal
- Retractable battery slot and on/off button
- F320D switchable antenna
- M12 Lite Gimbal
- CNC machined pedestal
- Long
- Short
- Screw:

- M8
- M10
- M12

- Multi-function joystick
- USB port
- Headset port
- External Module Bay
- TDCA: (Headset jack and inbulit speaker)
- Installed open source operating system- OpenTX
- Wireless trainer system supported
- High-speed internal and external module digital interfaces
- Internal: 450K, External: 420K
- Super low latency (Total latency < 20ms, lower to 10ms)
- Can be used with free Life-type external modules (RIM Lite, MPM Lite, etc.)
- Installed open source operating system - OpenTX
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- Compatible with Frei Free Link APP
- High-speed internal and external module digital interfaces
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Step 2: Set the Channel Range
The internal RF module of X-Lite supports up to 16 channels. The channel range is configurable, and needs double check before use.

Step 3: Set the Receiver Number
When you create a new model, the system will assign you a receiver number automatically, but this can be easily changed. The range of the receiver number is 00-63, with the default number being 01 (use 00 is not recommend- ed). Once the receiver is set to desired number and is bound to the IR, the bind procedure will not need to be repeated unless the receiver number is changed. In this case, either set the receiver number to the previous one or reset the bind procedure.

Step 4: Bind
Bind refers to X-Lite binding mode. Move the cursor to "Bind", press the center of Multi-function joystick, and the speaker will say to remind you that the module has entered the bind mode. Then put your receiver into binding mode and finish the bind procedure (refer to the receiver’s manual for details). Press the center of Multi-function joystick or EXIT to exit.

Step 5: Set the Fail safe mode
There are 4 fail-safe modes: No pulse, Hold, Custom and receiver. This mode only used above OpenTX V2.0.0 firmware.

Step 6: Range
Range refers to X-Lite range check mode. A pre-flight range check should be done before each flying session. Move the cursor to "Range" and press the center of Multi-function joystick, then put the receiver into range check mode and wait for the failsafe to take effect.

Move the cursor to "Set" and press the center of Multi-function joystick and wait 9 seconds for the failsafe to take effect.

Step 7: Set the Receiver Number
The pre-flight range check can be done on any channel. To use this type, select it in the menu and wait 9 seconds for the failsafe to take effect. Hold: the receiver continues to output the last position before signal was lost. To use this type, select it in the menu and wait 9 seconds for the failsafe to take effect.

Custom: pre-set to required positions on both signal. Move the cursor to "Custom" and press the center of Multi-function joystick, and you can set failsafe setting screen. Move the cursor to the channel you want to set failsafe, then press the center of Multi-function joystick. When moving the corresponding sticks or switches, you will see the channel bar moving. Moving the channel bar to the place you want to fail safe and long press the center of Multi-function joystick to finish the setting. Wait 9 seconds before failsafe takes effect.

Step 8: Range
Range refers to X-Lite range check mode. A pre-flight range check should be done before each flying session. Move the cursor to "Range" and press the center of Multi-function joystick, then put the receiver into range check mode and wait for the failsafe to take effect.

Model Setup for Taranis X-Lite external RF Module – R8M Lite
The external RF module can be powered on or off by software. The setup process is the same as that for the internal RF module. If you use other brand RF module than FrSky, please choose the corresponding mode.

FrSky 2.4GHz ACCST Taranis X-Lite Manual

FCC Statement
§ 15.19 Labelling requirements. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to user.
- Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, can cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: If the MicroSD card is not used correctly, please refer to the explanation below.

Step 1: Inserting the MicroSD Card
The MicroSD card (not included) may be inserted into your transmitter. Equipment for reading and writing MicroSD card is available at most electronics stores.

Music and image files edited by a PC can be transferred onto the MicroSD card and used on your X-Lite transmitter. Equipment for reading and writing MicroSD card is easy and free. To get the most from your new transmitter, please check the download section of the FrSky website for the latest update firmware and guide for adjusting your sticks. (www.frsky-rc.com)

More information about OpenTX can be found on: http://www.open-tx.org.

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