Adjust sticks of Taranis X-Lite S/Pro

Please check how to change the stick mode and damping/controlling senses on FrSky website.

Adjust hole with short screw: adjusting the damping/controlling senses.

Adjust hole with long screw: disable/enable the centered function of gimbal.

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

* Makes sure the correct screw is used on the adjusting hole, otherwise the device will be damaged.

Battery Installation

- Hold the battery covers and rotate them to the left.
- Install the batteries with the positive side first into the transmitter.
- Make sure the battery covers match with the battery compartments perfectly and rotate them to right until locked.

* Caution: Ensure that the battery polarity is correct when connecting batteries into the battery compartment, otherwise Taranis-X-Lite S/Pro will not be powered on.

* Warnings for Battery

Do not remove the battery from the X-Lite S/Pro transmitter while the voltage warning is blinking as this could cause internal settings and memories to be destroyed.

Do not use the transmitter if a “Back-up Error” warning occurs.

Specifications

- Model name: Taranis X-Lite S/Pro
- Taranis X-Lite S: 30bit (without battery)
- Taranis X-Lite Pro: 32bit (without battery)
- Operating Current: -220mA@4.7V
- Backlight LCD resolution: 128*64
- Model Memories: 60 models/accessible by Micro SD card)
- Support ACCST D16 Optional

Features

- High-speed training system with a lower latency
- New PARA wireless training system
- Supports motion sensing control
- Supports spectrum analyzer function
- Supports motion sensing control
- Supports Smart Port, Micro SD card slot and Micro USB Port

Introduction

The Pro and S version combine all of the benefits of the preceding full-sized radio designs, along with the newly developed ACCESS (Advanced Communication Control, Elevated Spread Spectrum) protocol.

For the Pro version is a high-quality, all-metal CNC hall sensor gimbal and accurate SWR and the power meter. Both versions feature the addition of a PARPA wireless trainer function (which makes them compatible with the FrSky Free Link App and Aux CALC) and spectrum analysis function. The best thing about the Pro and S models is that pilots can now expect even lower latency and enhanced performance due to our new ACCESS transmission protocol. With the integrated 6-axis sensor unit, pilots can use the radio as a multi-rotor controller to control the inputs of a model during flight or use it to point a camera in the desired direction. In order to make the most of our system and to fly safely, please read this 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 warnings where indicated by the following marks:

* WARNING: Procedures which may lead to dangerous conditions and cause death/harm/serious injury if not carried out properly.

* CAUTION: Procedures where the possibility of serious injury to the user is small, but there is a danger of injury or physical damage, if not carried out properly.

* NOTE: Tips or information

Overview

Quick select options

To check the information, move the Multi-function joystick up and hold for one second.

To go to the [Telemetry] menu, move the Multi-function down and hold for one second.

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

Quick select options

Navigate the Menu

To navigate the menu, Taranis X-Lite S/Pro has the following elements:

- Multi-function joystick
- Exit Button
- Shift Button

Multi-function Joystick

To navigate menus or submenus, move the Multi-function joystick to four directions as navigation. 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 change the information, move the multi-function joystick up and hold for one second.

Shift Button

Shift button pressed together with Tim button, Trimmer for All & Dg will enlighten to Tim for Rudd/Tim.

Exit Button

To exit current page or operation widgets.

Overview of the menu tree

Table of contents

Version 1.0

FrSky 2.4GHz ACCESS Taranis X-Lite S/Pro Manual

Add: F-4, Building C, Zhongxiu Technology Park, No.3 Yuanxi Road, Wuxi, 214125, Jiangsu, China    Technical Support: sales4tech@gmail.com

WARNING

Always keep electrical components away from children.

WARNING

If not carried out properly.

DANGER

- Procedures which may lead to a dangerous condition or cause serious injury and even death to the user if not carried out properly.

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Step 1: Set the Mode for Taranis X-Lite S/Pro Internal RF

Enter the MODEL SETUP menu. Go to the MODE SETUP menu, and select [mode] [ACCESS].

Step 2: Set the Channel Range

The internal RF module of X-Lite S/Pro supports up to 24 channels. The channel range is configurable, and needs to be confirmed before use.

Step 3: Set the Receiver Number

When you create a new model, the system will assign you a receiver number (0000), but this can be easily changed. The range of the receiver number is 0000-9999, with the default being 01. The receiver number is stored in the Taranis X-Lite S/Pro; if the process will need to be repeated unless the receiver number is changed. In this case, either set the receiver number to one or repeat the bird procedure.

Step 4: Registration

In ACCESS, select the Module [rig] into Registration status. Then Press the F3 button and power on your receiver, and select the “RX Name” and “ENTER” to complete the Registration then power down the receiver.

Step 5: Automatic binding (Smart Match™)

Move the cursor to [Bind], and select it. Power your receiver; select the RX, and complete the process. The system will confirm “Bind successful.” (You do not need to press the “F3” button in ACCESS to Bind. Refer to the receiver manual for details.)

Step 6: Set failsafe mode

There are 4 failsafe modes: no pulse, hold, custom, and receiver. No Pulse: on loss of signal the receiver produces no pulses on any channel. 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 last signal. Move the cursor to “Set” and press the center of Multi-function joystick, and you can see the FAILSAFE SETTING screen below.

Move the cursor to the channel you want to set failsafe on, and press the center of Multi-function joystick. When moving the corresponding sticks or switches, you will see the channel number. Move the channel to the place you want to fail and press the center of Multi-function joystick to finish the setting. Wait 9 seconds before failsafe takes effect.

Receiver: set the failsafe on the receiver (see receiver instructions) in ACCESS mode, select it in the menu and wait 9 seconds for the failsafe to take effect.

Step 7: Range

Range refers to the Taranis X-Lite S/Pro range check mode. A pre-flight range check should be done before each flying session. Move the cursor to [Rng] and press the center of Multi-function Joystick. In range check mode, the effective distance will be decreased to 1/3. Press the center of Multi-function joystick or EXIT to exit.

Where to Fly

We recommend that you fly at a recognized model airplane flying field. You can find model clubs and fields by asking your nearest hobby dealer.

Always pay particular attention to the flying field’s rules, the wind direction, and any obstacles on the field. Be very careful flying in areas near power lines, tall buildings, or behind large objects such as buildings, grain bins, etc. Must be avoided. Doing so may interrupt the radio warning systems, intended only as a precaution, to tell you when to recharge. Always check your transmitter and receiver batteries prior to flight.

Battery

The clock for the transmitter does depend on the internal battery, which may need to be replaced occasionally.

SD card.

Do not expose the Micro SD card to direct sunlight, excessive humidity or corrosive environments.

Read data from a PC

Voice and image files edited by a PC can be transferred onto the Micro SD card and used on your X-Lite S/Pro transmitter. Equipment for reading and writing Micro SD card is available at most electronics stores.

Voice and image files edited by a PC can be transferred onto the Micro SD card and used on your X-Lite

Updates

The Micro SD card (not provided with X-Lite S/Pro) can store various files, such as model data, sound files, pictures and text. The card is locked when it is pushed in all the way in. To remove the card, push in on the card again, it will pop out allowing you to remove it.

FCC

To ensure the safety of yourself and others, please observe the following precautions.

Secure digital (SD) memory Card handling instructions

The Micro SD card (not provided with X-Lite S/Pro) can store various files, such as model data, sound files, pictures and text. The card is locked when it is pushed in all the way in. To remove the card, push in on the card again, it will pop out allowing you to remove it.

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