Jumper

T8SG & T8SG Plus Quick start guide.

Introduction.

Thank you for purchasing the second-generation Jumper T8SG Multi-protocol Radio system. Jumper is proud to bring this ground-breaking product to the market and would like to thank customers just like you and the community for making this dream possible.

Please take a moment to read this quick start reference before using your new T8SG radio.

Happy flying!

-The T8SG Development team.

Safety & Precautions.

Many radio control models are equipped with powerful motors and sharp spinning propellers. Please exercise caution when working on models. Ensure power is disconnected from your models and remove propellers when performing maintenance.

Do not operate the T8SG radio system under the follow conditions.
• During bad weather or high wind conditions such as rain, hail, snow, storms or electromagnetic events.
• During any conditions of limited visibility.
• In areas where people, property, powerlines, roads, vehicles or animals may be in present.
• If you are felling tired or unwell or under the influence of drugs or alcohol.
• If the radio or model appear to be damaged or not functioning correctly.
• In areas of high 2.4ghz interference or in locations where use of 2.4ghz radios is prohibited.
• When the battery is the T8SG or the model is too low to function.

Manuals and firmware downloads.

The T8SG and T8SG Plus are shipped with Deviation TX software installed as standard. To download the latest Software manual please visit https://www.jumper.xyz

To download the latest firmware for your radio please visit the Deviation TX website at the following link.
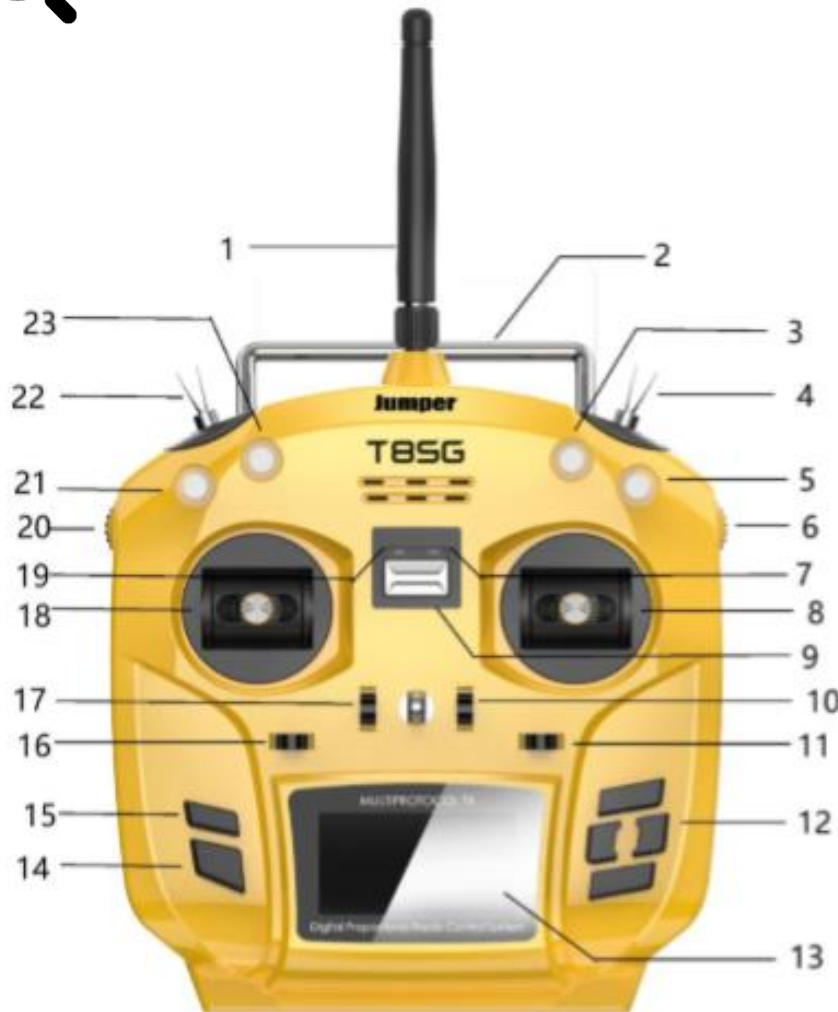https://www.deviationtx.com

CAUTION!

The T8SG is shipped with the most stable firmware at the time of manufacture. Please only update firmware if you are experienced and confident in updating system firmware. Incorrect updates may render the radio inoperable.

🔍 Radio Overview.

1: Antenna
2: Handle
3: SWC three-segment switch
4: SWH two-segment switch
5: SWA three-segment switch
6: AUX5 knob
7: RF indicator
8: Throttle / Aileron
9: Power switch
10: Digital trim key
11: Digital trim key
12: Menu direction key
13: Display Screen
14: Exit key
15: Confirm key
16: Digital trim key
17: Digital trim key
18: Direction / Tilt Joystick
19: Power Indicator
20: AUX4 Knob
21: SWD three-segment switch
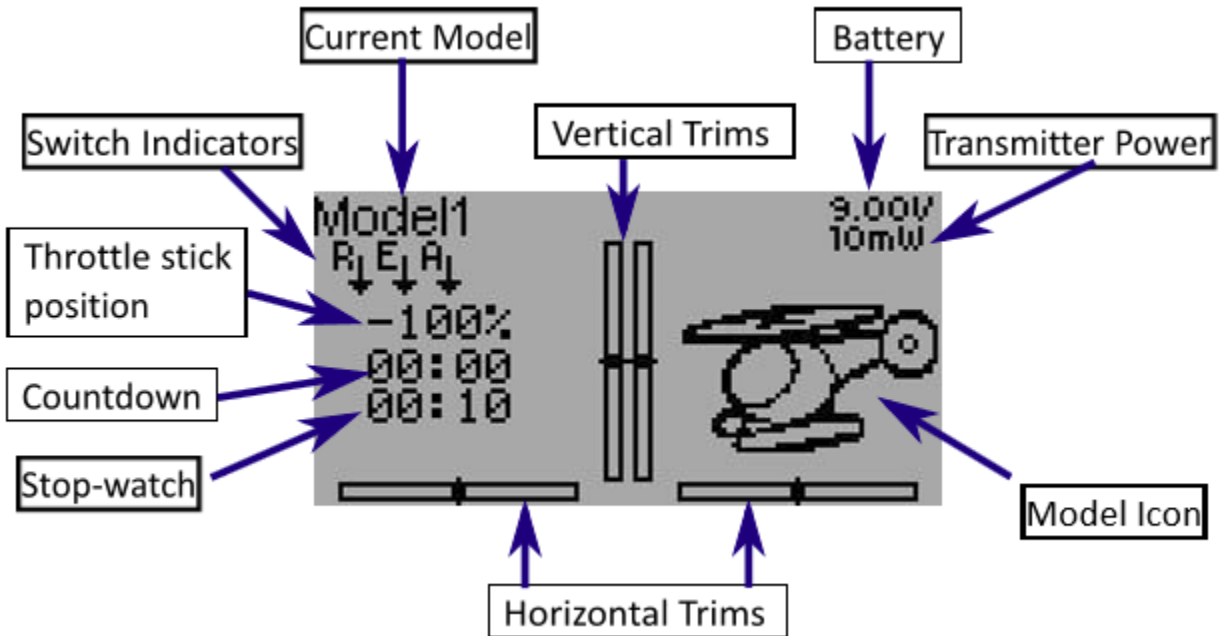22: SWG two-segment switch
23: SWB three-segment switch

🔋 Power Requirements.

The T8SG and T8SG Plus comes with a 4 x AA Battery tray (Batteries not included). Alkaline, Nicad or NiMH batteries are suitable for use in this radio. If Using Alkaline batteries, it is recommended to remove the batteries if the radio will not be used frequently or for any length of time to avoid any corrosion damage from leaking batteries.

Alternatively the T8SG and T8SG Plus can be powered by a LiPO or LiFE battery via the batteries JST-XH Balance lead. The T8SG and T8SG Plus can work on voltages 4.5v to 18v however for ease of use a 2s 7.4v Lipo is recommended.

👁 Main Screen Display

Current Model

Battery

Switch Indicators

Vertical Trims

Transmitter Power

Throttle stick position

Countdown

Stop-watch

Model Icon

Horizontal Trims

⚒ Model and Protocol Selection

The T8SG and T8SG Plus are cable of operating under many different protocols. To view the most up to date list of compatible protocols please visit https://www.deviationtx.com. Please note, new protocols are being added to the software all the time. Some protocols may require the upgrading of your firmware.

Model Selection.

To enter the model setup, press the ENTER button and select Model Menu > Model setup. From here you can create or load models. Model name can be input and the default icon also selected. Model type can be selected to suit your model. TX Power can be adjusted. 10mw-30mw is suitable for most small models. Below the "PPM In" you will find the protocol selection function. Here you can choose one of the many protocols available. The Bind button is used to start the binding process.

⚠ **NOTE**
The Deviation software is very powerful and capable of a great amount of programing and functionality. We recommend downloading the comprehensive software setup guide from the link below for more detailed instructions. http://www.jumper.xyz

Specifications.

Specs Size: 158 * 150 * 58
Weight: 338g (without battery)
Transmission frequency: 2.400GHZ-2.7GHZ
Transmitter Module: Four in One High Frequency Module (CC2500 CYRF6936 A7105 NRF2401)
Transmit power: maximum 22dbm (transmit power adjustable)
Antenna gain: 2db (detachable antenna, easy modification)
Working current: 88Ma@8.4V
Working voltage: DC4.5-DC18V (factory with 4 * AA battery box, lithium battery recommended 2s balanced head line, batteries not included)
Remote control distance:> 2km @ 22dbm
Open source firmware: Deviation TX
Number of channels: up to 12 channels (depending on the receiver)
Display: 2.42-inch OLED display, 128 * 64 resolution
Gimbal: non-contact 3D space vector Hall joystick (T8SG Plus only)
JR/FrSKY compatible module bay on rear side
Upgrade method: USB online upgrade Support
Protocols: Walkera full range DSM2/X full range Flysky and Flysky 2A FrSKY (Visit https://www.deviationtx.com for the full list)

Support.

Warranty and Repairs.
Please retain your proof of purchase and contact the retailer you purchased your T8SG from should you experience any problems with your radios hardware.

Firmware updates and Deviation TX information.
For latest news and firmware updates from the Deviation Open-Source software development team please visit the Deviation TX website at https://www.deviationtx.com

User Manual.
For a detailed user manual for the T8SG version of the Deviation TX software please visit http://www.jumper.xyz

Model Binding and Community support.
Thank you to all the community contributors who are regularly adding how to guides on Youtube.com. If you are having trouble binding a model, we suggest searching YouTube as there may already be a guide and discussion taking place. Alternatively, you may wish to join the friendly community on the Deviation TX forum at https://www.deviationtx.com/forum/index