
47-Channel Digital Proportional R/C System

2.4GHZ

T8SG

SYSTEM FEATURES

The Jumper series models Multi-Protocol radio features a compact size and a host of protocol options all built in to one product. Various protocols can be quickly and easily selected from the model menu allowing you to bind the radio to just about any major protocol in today's market. T8SG firmware only activate the CC2500 RF Chip module and also features sound and vibration alerts, back lit LCD display, smooth gimbals and assignable switches .

SYSTEM SPECIFICATIONS

Use range: Remote control model

Brand Name: Jumper

Item Number: T8SG

MCU: STM32F103RCT6

Storage: 25VF016B (2MB)

Display screen: 128*64, 1.7 inch LCD

Channels: 47 (up to 12 depending software)

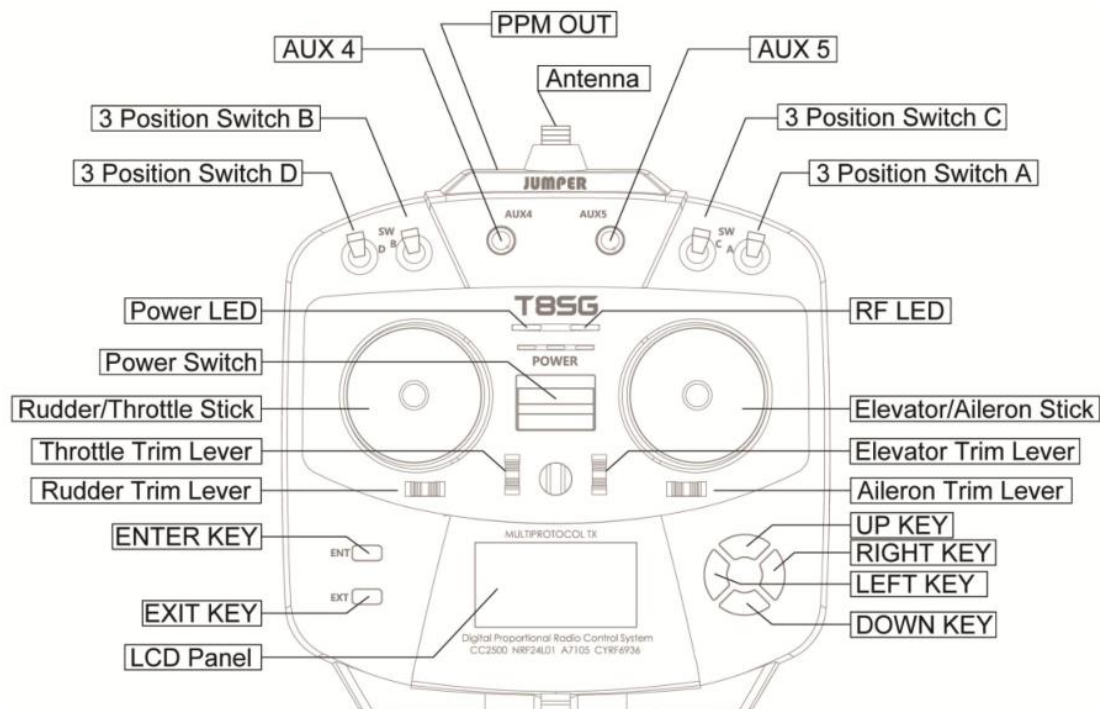
Prompt mode: sound and vibration

Power supply: 2S Lipo(DC7.4V)

Dimension: 188*151*86mm

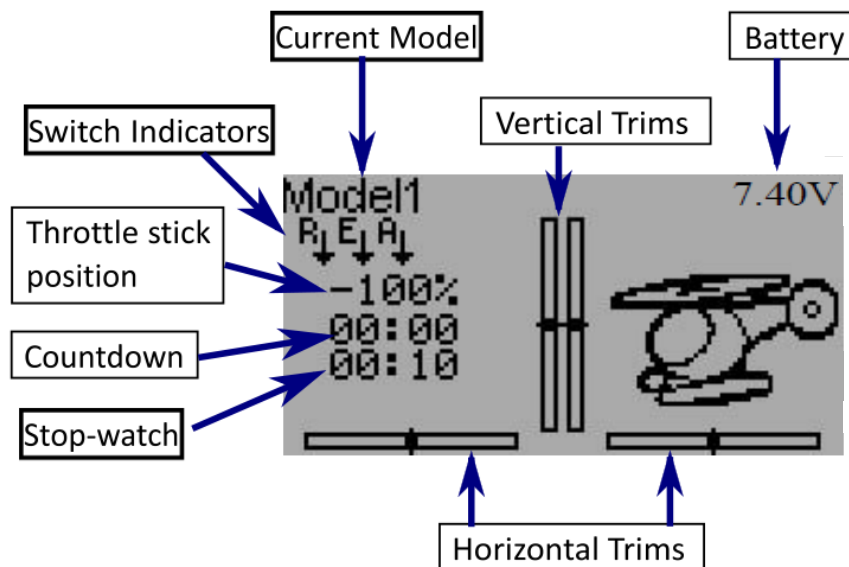
Weight: 338g (not include battery)

FEATURES DESCRIPTIONS

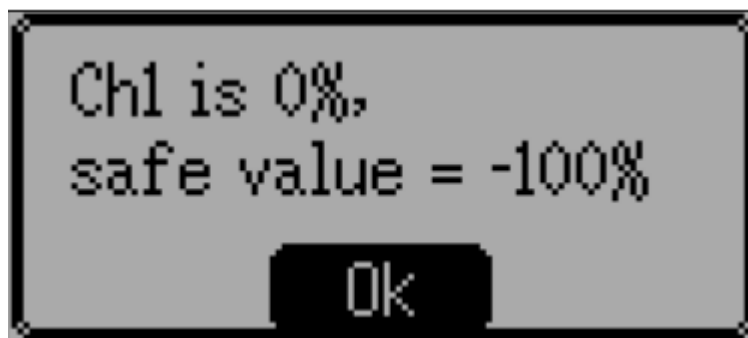


Antenna	2dBi omnidirectional antenna
PPM Out	3.5mm audio socket Used to connect computer games
AUX4	Knob to enter 4
AUX5	Knob to enter 5
SWA	3 Position Switch A input
SWB	3 Position Switch B input
SWC	3 Position Switch C input
SWD	3 Position Switch D input
Power LED	Red power light
RF LED	Green light on RF output
Power Switch	Turn on, shut down
Rudder/Throttle Stick	Rudder/Throttle Analog input, L/R= Rudder, U/D= Throttle
Elevator/Aileron Stick	Elevator/Aileron Analog input, L/R= Elevator, U/D= Aileron
Throttle Trim Lever	Throttle Offset adjustment
Rudder Trim Lever	Rudder Offset adjustment
Elevator Trim Lever	Elevator Offset adjustment
Aileron Trim Lever	Aileron Offset adjustment
ENTER KEY	Menu confirmation button
EXIT KEY	Menu exit button
UP KEY	Menu up button
DOWN KEY	Menu DOWN button
RIGHT KEY	Menu RIGHT button
LEFT KEY	Menu LEFT button

MAIN SCREEN DESCRIPTION



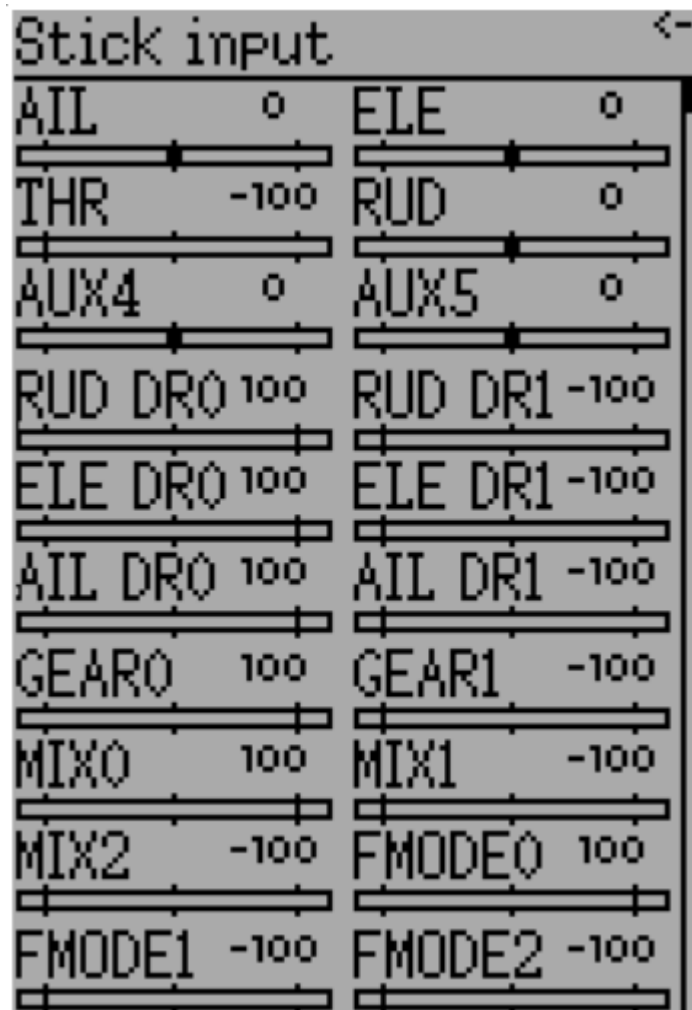
SAFETY SYSTEM



DEVIATION HAS A SAFETY SYSTEM TO PREVENT STARTING UP IN A DANGEROUS STATE (FOR INSTANCE SPINNING UP THE MAIN ROTOR OF A HELICOPTER ACCIDENTALLY). THE SAFETY SYSTEM WORKS BY VERIFYING THAT SPECIFIC CONDITIONS ARE MET BEFORE STARTING TO TRANSMIT TO THE MODEL. BY DEFAULT THE OUTPUT CHANNEL ASSOCIATED WITH THE THROTTLE STICK MUST BE MINIMUM. THE DEVIATION FIRMWARE DOES NOT INCLUDE A MECHANISM TO DEFINE NEW SAFETY CONDITIONS, HOWEVER, THEY CAN BE ADDED BY DIRECTLY MODIFYING THE MODEL.INI FILE. WHILE THE SAFETY MESSAGE IS DISPLAYED, THE TRANSMITTER WILL NOT COMMUNICATE WITH THE MODEL. THIS MESSAGE MAY APPEAR EITHER WHEN INITIALLY TURNING ON THE TRANSMITTER, OR WHEN SWITCHING TO A

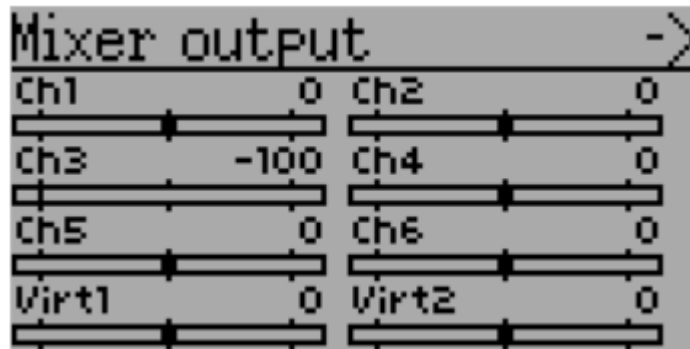
DIFFERENT MODEL. THE MESSAGE WILL DISAPPEAR AUTOMATICALLY ONCE ALL SAFETY CONDITIONS HAVE BEEN MET OR WHEN 'OK' IS PRESSED. IN EITHER CASE, DEVIATION WILL START COMMUNICATION WITH THE MODEL ONCE THE DIALOG IS DISMISSED.

INPUT MONITOR



THE INPUT MONITOR SCREEN SHOWS THE VALUES ASSOCIATED WITH THE CURRENT POSITION OF THE CONTROL POINTS. THE VALUES SHOWN ARE A PERCENTAGE OF THE TOTAL RANGE OF THE CONTROLS BASED ON A -100% TO +100% SCALE.

CHANNEL MONITOR



THE CHANNEL MONITOR SCREEN ALLOWS THE USER TO SEE THE VALUES OF EACH CHANNEL AS OUTPUT BY THE TRANSMITTER. CHANNELS WITHOUT MIXERS WILL NOT BE DISPLAYED. CHANNEL OUTPUT DISPLAYED IS THE VALUE BASED ON MINIMUM/MAXIMUM VALUES AS WELL AS SCALING.

WARNING

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

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.