

JES controllers

Jes 40 – 150 speed controllers were developed for sport or high performance planes or boats.

Type	Weight minus wires	Power cont./30 sec.	Brake
Jes 40	19 g	40 / 45 A	yes
Jes 60	21 g	60 / 65A	yes
Jes 60 navy	25 g	50 / 60 A	no
Jes 80	28 g	80 / 90 A	yes
Jes 100	28 g	90 / 100 A	yes
Jes 150	28 g	140 / 150 A	yes

FEATURES

- SMT technology
- galvanic separation by OPTO element (eliminated motor interference)
- brake set – max. power two colour LED indicator
- zero power – max. power two colour LED indicator in Jes 60 navy
- HEC – High Efficiency Clock (3000 Hz)
- TOP – Temperature Overload Protection – turns the motor off if the temperature is higher than 110 degrees Celsius
- current limiter
- operating range 8 – 30 cells
- size 51x30x10 mm
- Jes 60 navy water cooling, dust and water resistance (after covering two holes with sticky tape)

Controller is delivered with the following wire configurations:

FUTABA		JR		HITEC	
Minus	Black	Minus	Brown	Minus	Black
Plus	Red	Plus	Red	Plus	Red
Signal	White	Signal	Orange	Signal	Yellow

Controller setting

- 1.) Connect the 3 colour wire to your servo connector by soldering. Connect the power wires with connectors by soldering.
- 2.) Plug the connector to the receiver throttle plug.
- 3.) Connect your battery pack (don't connect the motor).
- 4.) Turn the transmitter on. Turn the receiver on.
- 5.) Position between 1 and 2 brake on, red lights on (Jes 60 navy – motor stops)
 Position between 2 and 3 motor proportionally on, no light
 Position between 3 and 4 max. power, green lights on
- 6.) If there is a difference between your transmitter and the above figure, turn the potentiometer slowly and set the right position by potentiometer. Don't turn potentiometer more than 20 degrees from starting point, except PCM RC-set. In this case it is possible to turn potentiometer about 90 degrees.

It is possible to turn the brake off in Jes 40, 60, 80, 100, 150 controllers. The brake is off when you plug in the jumper to the controller. For good cooling do not wrap the controller in foam rubber.

JETI model wishes you many happy landings.