

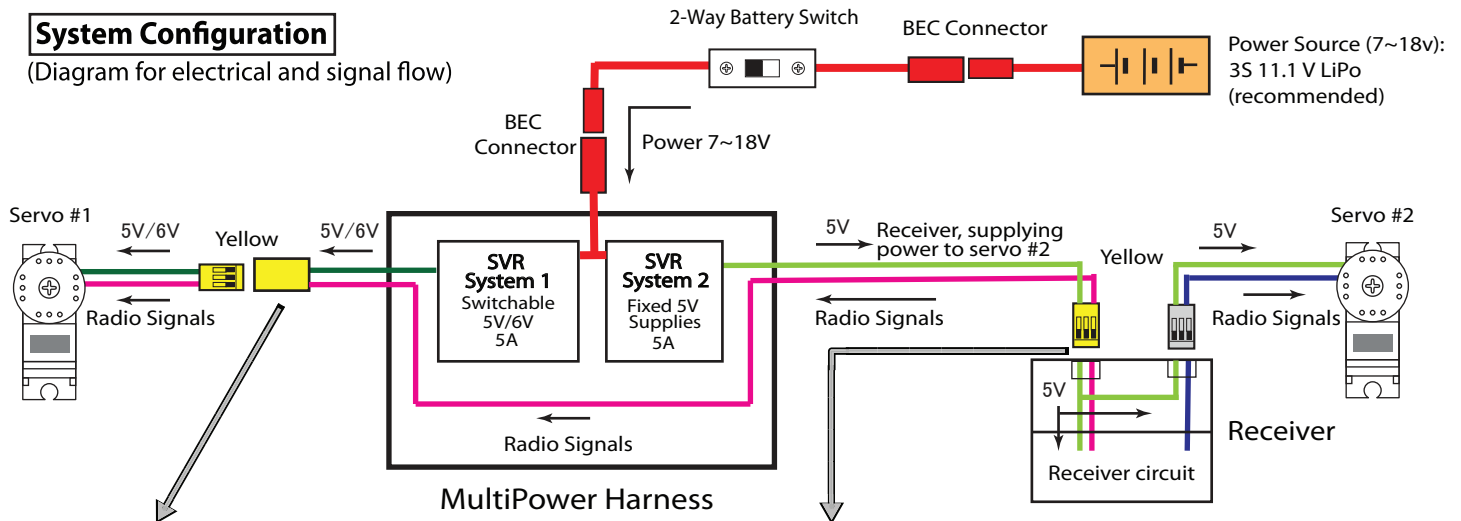
Thank you for purchasing Tahmazo MultiPower Harness (MPH).
Please read this manual thoroughly to ensure safe and correct usage of this product.

Product Features

- ① Switchable between 5V/6V for Servo input.
- ② Can support large aircraft up to continuous 10A power.
- ③ Fixed 5V supplies to receiver even when there is a sudden drop in voltage as the current increases.
- ④ Mixing is possible with the individual power supplied to servos.
- ⑤ Stable and consistent output power combined with lightweight, and high capacity LiPo batteries.

Read the following instructions before use:

- ① Battery input voltage must be at least 7V if 6V power is chosen.
For best results, a 3S 11.1 V battery is recommended.
- ② MultiPower Harness should be kept away from other devices that has high temperature, including amplifiers and batteries.
There should be good ventilation around the MultiPower Harness during operation.
It should not be wrapped in foam/sponge.
MultiPower Harness can be attached to the model using double-sided tape/velcro strip.
- ③ Poor heat distribution will affects device performance, a temporary suspended operation may cause damage to the device.
- ④ Do not pull the cord or exert any strong force onto the device. This may cause damage.
- ⑤ Do not insert/remove the connector by pinching the wire. Damage may be resulted from pulling wire lead forcibly.



Servo Connector (Female)

- Servo connections from Servo #1
- 5V or 6V power supplied to Servo #1
- Takes up to 5 different channels input (5 different colors each)
- The connectors used for the servo connections must be of the same color as the one connected to the individual channel in the receiver

Servo Connector (Male)

- 5 Colors connections connected to respective channels to the receiver
- Receiver supplies 5V power to Servo #2
- For safety precaution, please allow up to 2 connections (2 colors) to the receiver
- Receiver transmits signals from the radio to Servo #1 via the respective connectors connected.
- The same color connectors must be used for both the servos and the receiving port on the receiver, in order for the transmitter to transmit radio signals via the connectors.

(e.g. if yellow female connector is used to connect servo, yellow male connector must be used to connect to the respective channel receiving port on the receiver)

Usage Examples

Tahmazo MultiPower Harness provides consistent regulated power with lithium batteries for both 5V or 6V applications. Here are some examples where the Tahmazo MultiPower Harness is applicable:

R/C HELICOPTER with CCPM Swash system

Channel on the model	Connect servo to connector	Connect this connector to receiver	Channel on receiver	Remarks
Aileron	YELLOW	YELLOW	Aileron	Using SVR System#1 (6V) output
Elevator	BLACK	BLACK	Elevator	
Pitch	PINK	PINK	Pitch	
Rudder	<i>Connect directly from receiver</i>		Rudder	Using SVR System#2 (5V) output
Throttle			Throttle	

SCALE Aircraft with flaps (with 5V servos)

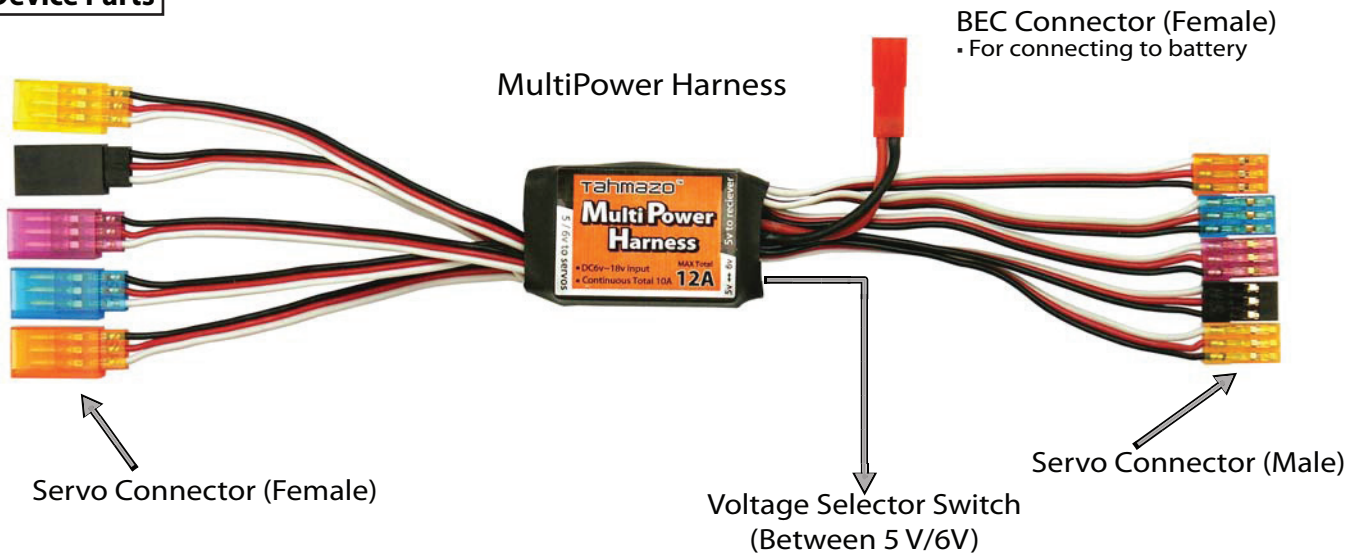
Channel on the model	Connect servo to connector	Connect this connector to receiver	Channel on receiver	Remarks
Aileron	YELLOW	YELLOW	Aileron	Using SVR System (5V) output
Elevator	BLACK	BLACK	Elevator	
Rudder	PINK	PINK	Rudder	
Flap#1	GREEN	GREEN	Flap#1	
Flap#2	ORANGE	ORANGE	Flap#2	
Aileron#2	<i>Connect directly from receiver</i>		Aileron#2	Using SVR System (5V) output
Elevator#2			Elevator#2	
Rudder#2			Rudder#2	
Throttle			Throttle	

Large Scale Aircraft with flaps (with 6V servos) - Dual MPH used

Channel on the model	Connect servo to connector	Connect this connector to receiver	Channel on receiver	Remarks
Elevator#1	YELLOW	YELLOW	Elevator#1	Using 1st MPH SVR System #1 (6V) Output
Elevator#2	BLACK	BLACK	Elevator#2	
Rudder	PINK	PINK	Rudder	
Aileron#1	GREEN	GREEN	Aileron#1	Using 2nd MPH SVR System #1 (6V) Output
Aileron#2	ORANGE	ORANGE	Aileron#2	
Throttle	<i>Connect directly from receiver</i>		Throttle	



Device Parts



Specifications

- Type: Dual Switching Regulator System with MultiPower Harness
- Input Voltage: 7V~18V (suitable with 2 to 4 cells LiPo, recommended to use 3 cells LiPo)
- Output Voltage: 5/6V switchable on the left side - System #1, 5V fixed on right side - System 2 Connector colors are as follow, **Yellow, Black, Pink, Blue and Orange.**
- Output Current: Each system (SVR System #1 and #2) supplies 5A current continuously, Capable of a Maximum Current of 6A for 10 seconds
The Tahmazo MultiPower Harness can deliver a total current of 10A continuously and a maximum of 12A (for 10 seconds)
- Dimension: 35 x 28 x 9mm
- Weight: 30g

Service Procedures

For servicing of your Tahmazo MultiPower Harness, you can send it to our nearest dealer to you, or by post paid and insured to:

Tahmazo Products Pte Ltd
126 Joo Seng Road.
Goldpine Industrial Building
#08-03. Singapore 368355
service@tahmazo.com
www.tahmazo.com

Please include your address and email with the Tahmazo MultiPower Harness. MultiPower Harness that operates normally when received by Tahmazo Products will be charged a minimum service fee and return shipping charges