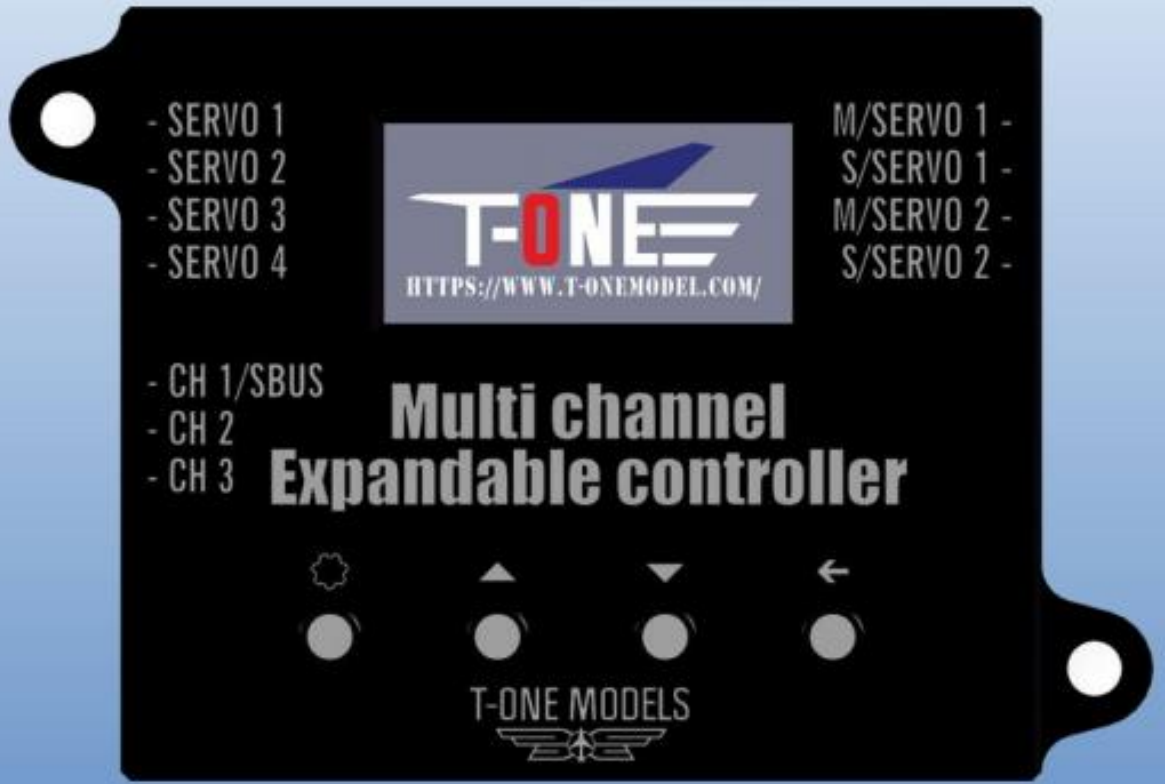
Multi channel Expandable controller
User Manual



一、Product Features and Functions

HTTPS://WWW.T-ONEMODEL.COM/

☛ 0.96" LED color high – definition display

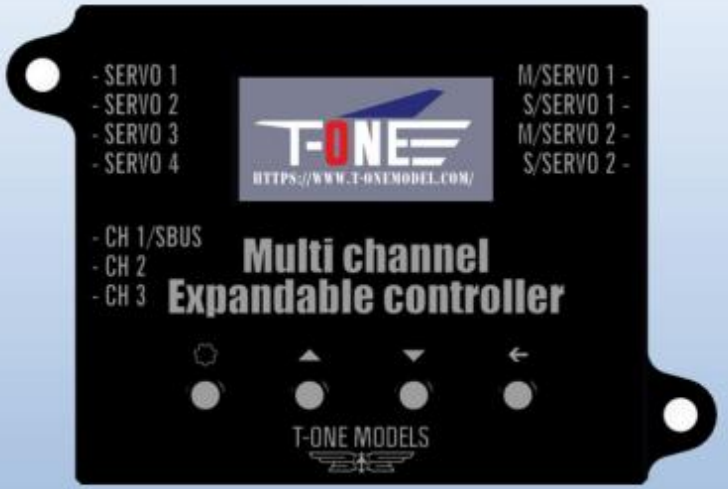
☛ supporting three channel inputs(SBUS or PWM)

☛ Each channel can contol up to 8 channels of output simultaneously

☛ Each channel can be adjusued separately for direction,stroke,speed,timing

☛ powered by an XT30 plug with a voltage range of 6.

0V~8.4V



二、 Wiring Instructions

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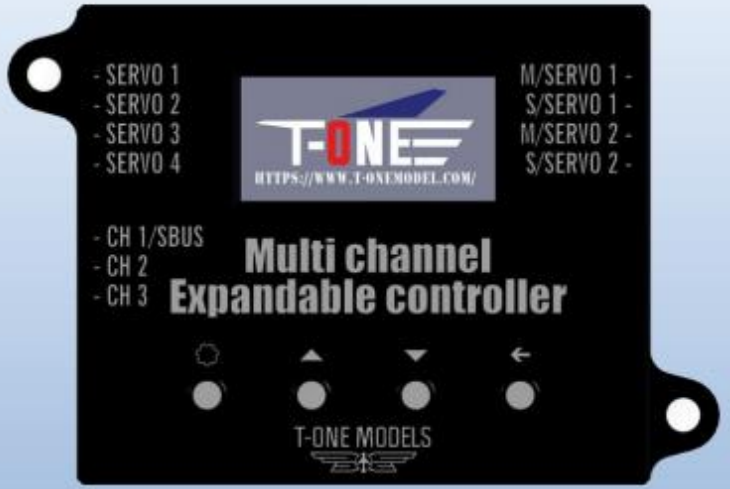
☛ receiver's channels into the CH1/2/3 interfaces

☛ If SBUS mode is used, just plug in the CH1/SBUS interface;

☛ Servo motor or other devices that can accept PWM signals are plugged into 8 Servo ports

☛ The controller must have an external power source to work, the power plug is XT30, and the voltage range is 6.0V to 8.4V



三、Interface Description

☛ **Voltage – Current supply controller battery voltage**

☛ **S1~S8 – Servo output and status**

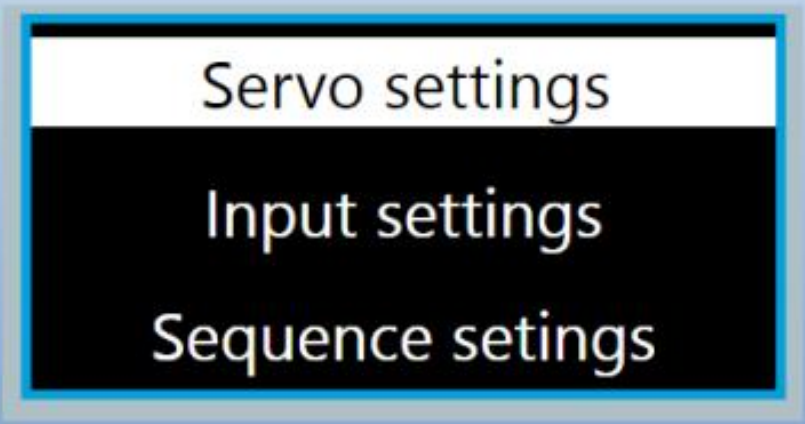
Red for forward direction

Blue for reberse direction

☛ **Servo settings - Enter the servo setting interface**

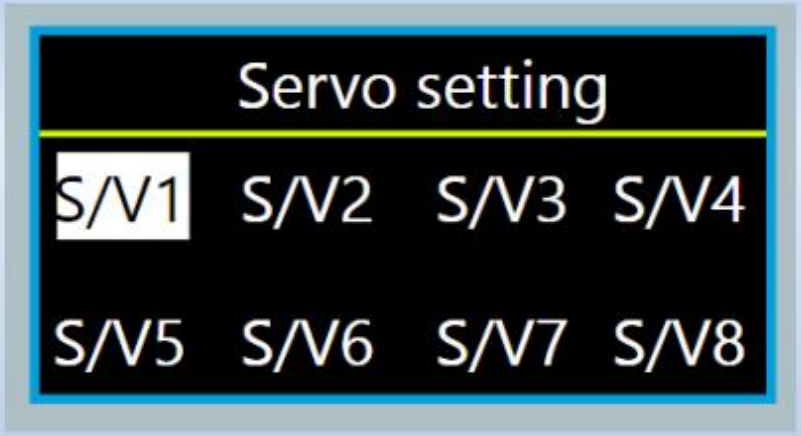
☛ **Input settings - Enter the input port setting interface**

☛ **Sequence settings - Enter the timing control setting interface**



四、 Servo Setting Interface

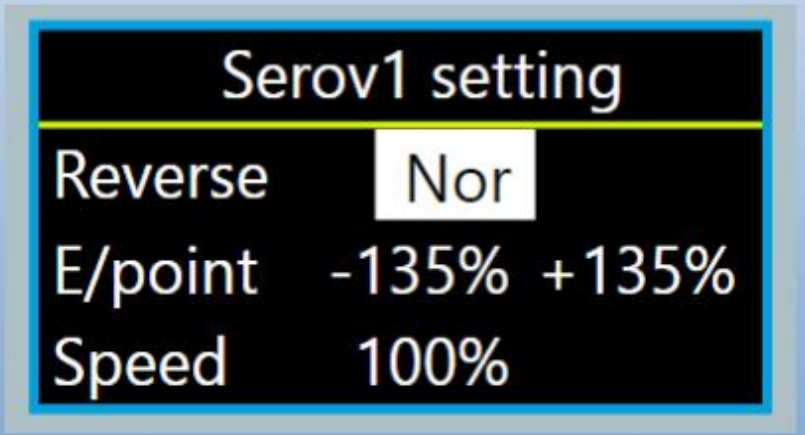
☛ **S/V1~S/V8** – **Enter the setting interface of 8 servos**



☛ **Reverse** – **Set the servo direction, Nor for forward, Rev for reverse**

☛ **E/point** – **Set the maximum stroke of the servo,with a range of ± 135%**

☛ **Speed** – **Speed Set therunning speed of the servo,with a range of 0~100%**



五、Input – related Setting Interface

- ☛ Input setting – Servo binding and input signal mode
- ☛ In1/2/3 Binding – Bind servos to input 1/2/3 interfaces
- ☛ Mode – Input signal mode
- ☛ Input1/2/3 bind – Three – channel servo binding interface

Use the setting key and up/down keys to select the servo to be bound/unbound, and press the setting key to bind/unbind.

Red indicates the servo that has been bound to the current channel

White represents idle servos that can be used for binding

Gray represents servos that have been bound to other channels and cannot be b ound.

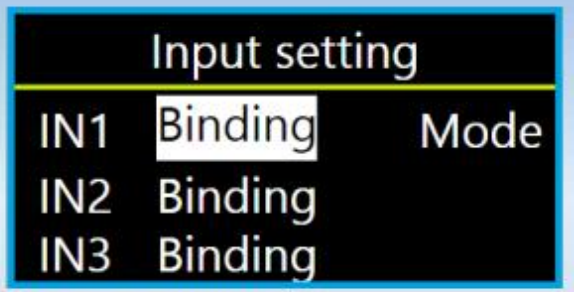
- ☛ Input1 Mode – Input signal mode

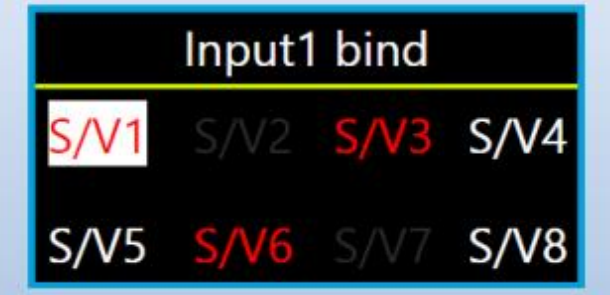
Here you can select the input signal mode, PWM or Sbus.

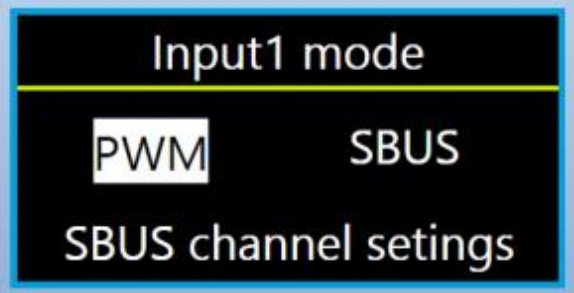
In PWM mode, you only need to directly connect the corresponding channel of the receiver to CH1/2/3

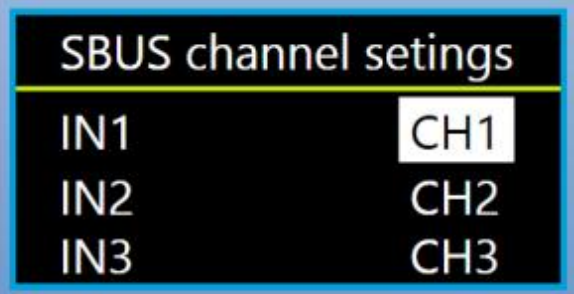
- ☛ Sbus channel settings – Sbus channel setting

Here you can set the CH1/2/3 channels to correspond to the receiver channels in Sbus mode respectively



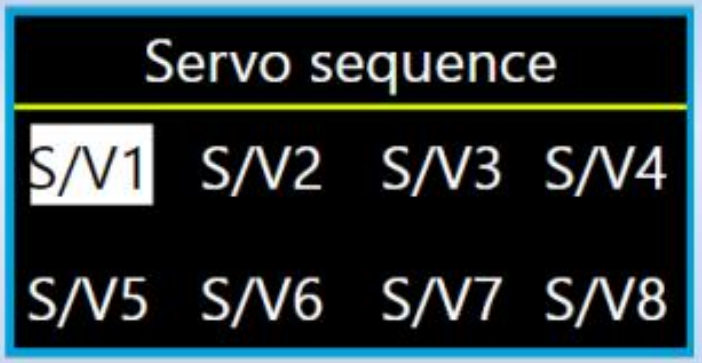






六、Timing Control Setting

- Servo sequence – Servo timing control
- S/V1~S/V8 – Enter the servo timing control setting interface



- Delay1 – When the corresponding channel state changes from 0 to 1, the servo starts after a delay of several seconds,The servo changes from state A to state B
- Delay2 – When the corresponding channel state changes from 0 to 1, the servo returns to its original position after a delay of several seconds,That is, the servo changes from state B to state A. If Delay2 is set to 0 seconds, the servo will remain in state B all the time
- Delay3 – When the corresponding channel state changes from 1 to 0, the servo starts after a delay of several seconds, and the servo changes from state B to state A