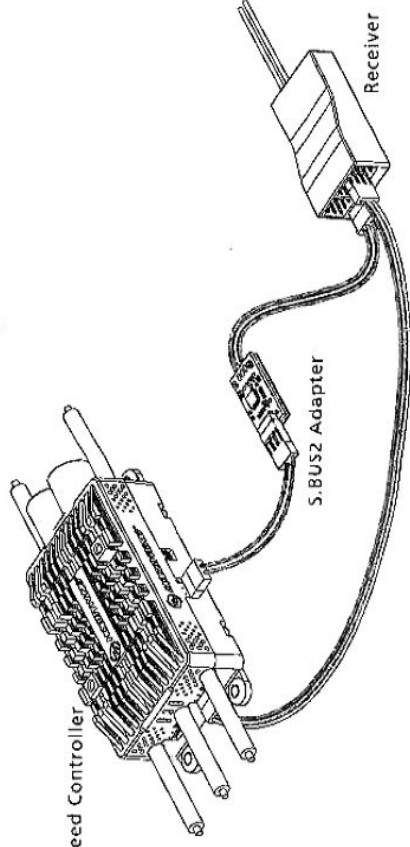


This adapter is suitable for Platinum V4/4.1/5 series with data backlash function. The ESC can be connected to Futaba S.BUS2 receivers via this adapter, enabling Futaba radios to receive and display telemetry data from the ESC in real time.

## 02 Instruction Manual

### 1 The wiring diagram



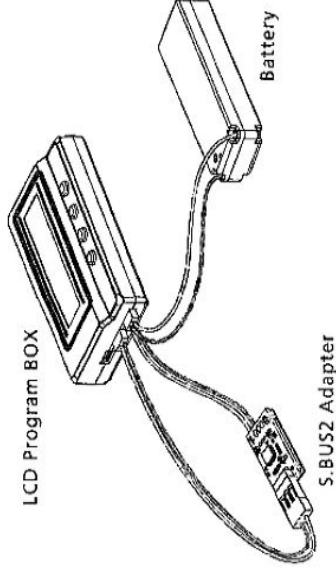
- 1) Connect the ESC port (usually identified as "+P") to the "+P" side of the adapter;
- 2) Connect the adapter "S.BUS2" to the "S.BUS2" port of the Futaba receiver;
- 3) Connect the ESC throttle signal line to the Futaba receiver throttle channel.

Note: The input voltage of the adapter is 5-9V;

The "+P" port does not provide power to the adapter.

### 2 The parameter setting method

#### 2.1. Wiring diagram:



#### 2.2. Parameter setting method:

- 1) According to the image above, connect the adapter and the LCD program box: (The "+P" side of the adapter should be connected to the LCD programming box, the "S.BUS2" side of the adapter should be connected to both the LCD programming box and a power supply (2s lipo recommended).
- 2) Press the "OK" key upon connecting the program box. After the connection is successful, the current firmware version number will be displayed;
- 3) After adjusting the parameters on interface, press the "ITEM" key to browse through parameter items, press the "VALUE" key to change the value of the parameter;
- 4) Once after the setting value has been changed, press the "OK" key to save the setting;
- 5) Repeat the third and fourth steps to modify the settings of other parameters;
- 6) After the parameter settings are completed, disconnect the adapter from the battery, power up again to see if the parameters are current.

### 3 Programmable parameter and instructions

Item	Value
1 Number of motor pole pairs	1-50 (Default *1)
2 Pinion	1-100 (Default *1)
3 Main Gear	1-255 (Default *1)
4 Start Slot	8 16 *24

\* \* \* is the factory default setting.

- 1) Number of motor pole pairs: This item is used to set the number of motor pole pairs;
- 2) Pinion: This item is used to set the number of teeth mounted on the motor output shaft;
- 3) Main Gear: This item is used to set the number of teeth that coaxial with the main rotor; ( Main Gear/ Pinion refers to the Gear ratio of the aircraft. For aircraft with multiple gears, the same final Gear ratio can be set according to the aircraft manual)
- 4) Start Slot: This project is used to manually set the starting data positioning on the Futaba remote control (under the sensor menu of the Futaba remote control) for the adapter Telemetry data. 8, 16, 24 locations are optional, with a default of 24.

## 03 LED function description

#### LED instructions:

Red LED light flashes

Green LED light flashes

Red LED light is not on

Green LED light is not on

#### Info

The ESC is communicating with the adapter

The adapter is communicating with the receiver

The ESC is not connected to the adapter properly, or the ESC is not communicating with the adapter