



The transmitter elucidation

## I. Specification:

- ◎Working voltage: 12VDC
- ◎Transmitting frequency: 27MHZ
- ◎Modulation: FM
- ◎working current: 200MA
- ◎Working temperature: -20℃--+45℃

## II. Function Description:

### 1. ST-D/R:

To change the function of servo action D/R (around the same time) is in order to eliminate the shortcomings of the car when just it every time , If adjustment one time almost no need to change again in the later. When adjustment you'd better go to the scene to have a look, if turning is not easy increase activities of the Servo Machine, Opposite if there is a tendency of shifting over , reduce the amount of action .

### 2. TH-D/R:

To change angle respond of the accelerograph servo machine (the part of accelerate ). The TH-D/R of the accelerograph is similar to the ST- D/ R that change direction. the Difference is that the controlled servo change from shifting servo machine to the accelerograph servo machine . I think that if you

can consider from this direction, then comprehended easily .that is to say at the time of operating accelerograph trigger, We can adjust it and let accelerograph respond become quickly .If the weight of the car more heavy, the road faces to grasp the land very high, or is a motor, engine to has no emollient circumstance, will feel the accelerative action of the start or moments of the car become dull easily ;Even on the engine car, also will cause contact time of the clutch slice and the clutch cover become long. Therefore, if adjust the angle of the TH- D/ R at this time, the whole acceleration process will become more and smoothly. But the similar to ST- D/ R adjustment do not exceed the natural biggest direction angle. If appear such circumstance, and your initial value above that number, then will hear the servo machine send out the sound that" dada ". This is because of on the structure of the bodywork, the accelerator has already exactly push and can't turn again to move, but the servo machine continue to work. If such, will let the servo machine be placed in the state of excess burden over a long period of time, as a result cause it break down .So must reduce the numeral of the enactment to the position that will not send out that sound.

### **3. ST-TRIM:**

The movement quantify of rotation servo(left & right respective)。  
ST-TRIM(general angle of rotation),it is said the biggest & most frequently used function on remote controller recently; this device's destination is that it can change the general range of the biggest angle of servo. The function of ST-TRIM can let us change the movement quantity of servo left & right respectively. Put it another way, if only left wheel swerves easier, you should decrease the left side movement, or increase the right movement. To verify whether achieve the balance, you should put the car under stationary accelerograph and then check the path of left & right, then it is easy to know the result. And although ST-TRIM can offset the warp in installer, but you will under the precondition of best status in installer process, and avoid of excessive correct by using remote controller

### **4. TH-TRIM:**

----change move quantity of the accelerograph servo. This function on remote-controller is aiming at adjustment of accelerograph & brake. Because of electronic transmission already has this function on electromechanical car, so commonly we set this function on full open status, and then setting with electronic transmission. But to engine this function will change the quantity of servo movement, whether represents on forward or backward, this is very important. The accelerograph lever on the engine connected to the valve of carburetion, so it must be setted as the status follows ,carburetion full open when pull the trigger; after pull the trigger if it can't fulfill top speed, you should increase movement quantity on forward. Contrary, when the trigger of the transmitter pulled the half or so valve door and then all open ,put it another way, there is no low & middle speed, at this atatus servo will on hard load, so you should decrease the movement quantity on forward. It is the same method on

brake setting. when speed up you execute brake, it doesn't take effective at once, you should increase the movement quantity of brake. Contrary ,when push the brake trigger a little then the car stop, you should decrease the movement quantity of brake. Recently elementary & intermediate player's remote-controller has this function become more and more.

**5. ST direction & accelerograph reverse transmission switch:**

This function is reverse setting on direction or accelerograph,it can suits personal favor/

**6. AM/FM changing switch:**

Because of adopting FM radio, so it isn't useful on our equipment!

**7. AUX changing switch:**

It is the third channel switch this equipment doesn't have this function

**8. AM/FM indicator lamp:**

This equipment adopts FM radio so there is one status

**9. AUX indicator lamp**

The third channel indicator, this equipment has no third channel, so there is one status

**10. PWR indicator lamp:**

PWR is the logogram of "power", it is the indicator of battery

**11. FUL/MID indicator lamp:**

Indicator of battery capacity, full capacity is red, lower is green, extinction is no power, reminds you to charge the battery or change battery.

**12. SIGNAL INTENSITY:**

Radio power indicator, full is five light, lower extinction in turn, if five extinction please change battery

### **III. FCC Statement**

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment