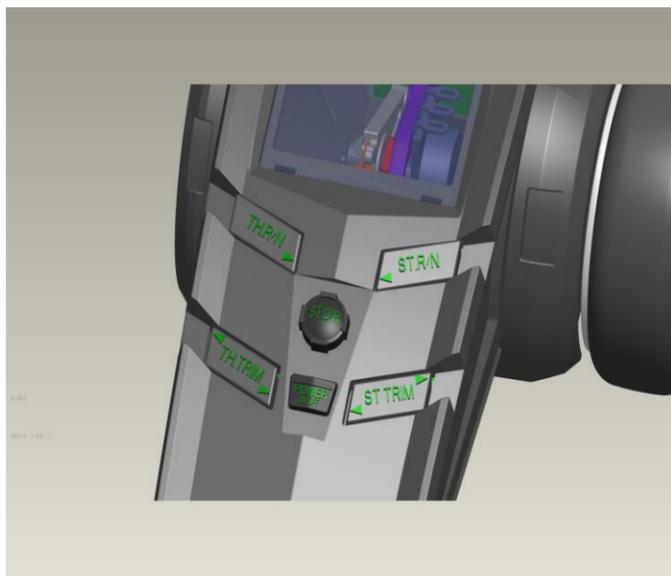


BER digital proportional radio control FHSS system

*Thank your for purchasing BER radio control products.
*Before using, please read this manual carefully.



SAFETY GUIDE:

To work with your models correctly and safely. This product is only equipped for radio controlled models.

1. The usage of this product should be approved by local law and relevant regulations.
2. We will not be responsible for the damage caused by unauthorized modification, adjustment and replacement of parts of this product.
3. First turn on the transmitter make sure the batteries are well loaded. The voltage of TR batteries is never low than 4.4V. Then please check and confirm that the servos are all well and proper connected. Finally the receiver connect the full power.
4. Keeping the radio away from moist, high temperature, and strong interference place. Please do not clean the radio with solvent. Do not strong shake.
5. The antenna (silver part) does not touch anything or be bent when radio working. Otherwise will interfere the control range or lead the radio out of control.
6. Please do not play in night, bad weather such as rainy day or thundering days. Do not play beside high-voltage wire. Do not play near high power radio transmitting station etc. It will strongly interfere the transmitter signal and lead unexpected accident.
7. Before playing, please make sure the movement of servo correspond with you used to.
8. Before starting, please make sure the TH and TH. TRIM in the lowest position or TH. TRIM in the neutral position.
9. The sequence to end playing, Turning off the receiver first, then turn off the transmitter (TR) power and take out batteries. If operation is opposite, leading uncontrolled and accident.
10. If the operators do not comply with safety guides instruction. may lead to serious injuries to yourself or others.
11. The manual may be altered without prior notice to. Please contact us if you have any corrections or clarification that should be made in this instruction.

BER 2.4GHz FHSS RADIO CONTROL SYSTEM

QUICK OPERATOR GUIDE:

BINDING PROCESS: (English)

Transmitter (TR) with batteries and keep 3CH button switch on, the TR led blue light flashing and buzzer sound 'B-B-B...'. It is in matching status. Then receiver (RX) connect power, the RX led green light slow flash, Putting RX close TR and keep RX BIND button till led green light quick flash several times then slow flash, It shows binding successful. And turn off TR power and switch on TR again, RX led light green become solid, It's working status.



SERVO DIRECTION: Keeping the "TH. R/N" or "ST. R/N" button arrow mark 2 seconds and meanwhile buzzer sound "B". It has reversed the direction of TH or ST servo.

Le récepteur lié: (Français)

Mettre la pile dans l'émetteur, appuyer sur la touche (3CH) pour démarrer, le voyant bleu LED sur l'émetteur clignote, Le ronfleur lance le son « B-B-B », cela signifie l'entrée dans l'état de liaison. Brancher le récepteur, le voyant vert LED sur le récepteur clignote lentement. Approcher le récepteur à l'émetteur, appuyer sur la touche BIND pendant deux secondes, le voyant vert LED du récepteur clignotent vite, puis lentement, cela signifie la liaison réalisée. Eteindre l'émetteur, puis le démarrer. Le voyant LED du récepteur est allumé fixe, entre dans le mode de fonctionnement.

La direction opposée de l'appareil de la barre:

Appuyer sur la partie flèche de la touche "TH. R/N" ou "ST. R/N" pendant deux secondes, en même temps, le ronfleur lance un « B » l'appareil de la barre tourne vers la direction opposée.

Den Empfänger binden: (Deutsch)

Installieren Sie die Batterie auf den Sender, drücken Sie (3CH)-Taste und starten die Maschine, dann die blaue LED auf dem Sender blinkt. Der Summer klingt „B-B-B“, das bedeutet, dass der Empfänger in die gebundene Situation geht. Dann wird der Empfänger eingeschaltet, die grüne LED auf dem Empfänger blinkt langsam. Halten Sie den Empfänger in der Nähe des Senders und drücken die BIND-Taste zwei Sekunden, dann wird die grüne LED auf dem Empfänger schnell blinkt und nach einer Weile langsam. Das signalisiert, dass dem Binden gelingt. Dann schalten Sie den Sender aus und starten wieder. An diesem Punkt wird die grüne LED auf dem Empfänger dauernd blinkt, dann geht der Empfänger in den Arbeitsmodus.

Revers des Lenkbetriebes:

Drücken Sie den Pfeil der Taste „TH. R / N“ oder „ST. R / N“ für zwei Sekunden, gleichzeitig wird der Summer „B“ klingen und sich der Lenkbetrieb in entgegengesetzte Richtung drehen

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

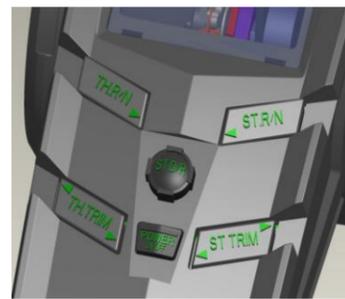
AUX CHANNEL (3CH)



Press 3CH button one time the 3ch servo moving 90°. Pressing again, return back.

NOTE: When hold "3CH" switch on radio, it's in binding process. 3CH is a BIND button. Not 3CH at this time

STEERING DUAL RATES ADJUSTMENT (ST.D/R)



Adjusting the dual rate of steering by adjusting ST.D/R knob, the picture showing

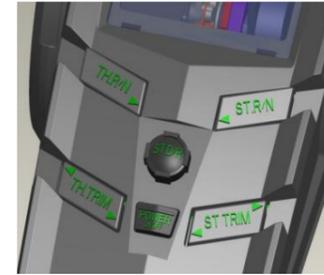
FAIL SAFE SETUP (S/F)

This function is to protect your models when signal weak or lost. F/S will automatic put TH in lowest position or in setted place.

1. The F/S is setted in receiver and setting data will be saved.
2. To electronic power models, the F/S has been setted in RX.
3. To gas power model, Putting trigger in brake position, keeping F/S button till led green light quick flash several times then go solid, releasing F/S button, this F/S function setted successfully.
4. Rebinding the receiver, need resetting the F/S function.

Caution: For your safety, when has setted F/S function. Before playing, checking F/S function work is very necessary!

TH.TRIM AND ST.TRIM ADJUSTMENT



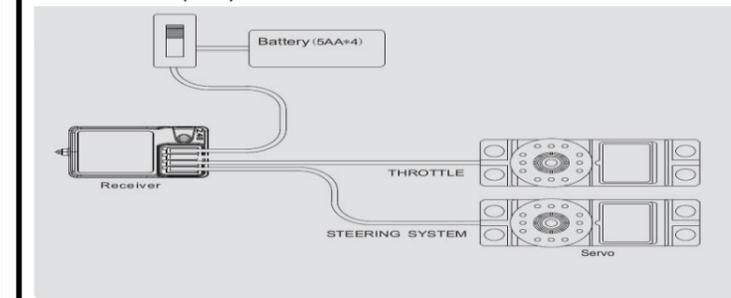
"TH.TRIM" and "ST.TRIM"
Each have two push buttons
Pressing, buzzer sound type:
"BBB>>>>>>B<<<<<<BBB"
Big sound B in neutral position

Caution: TR rebinding RX can not change the "TH" or "ST" trim position that you previously have been setted. Switching on TR first make sure "TH. TRIM" in lowest position.

HANDING FOR BATTERY

1. Making sure install the batteries are in correct polarity order. If batteries are loaded reversed, the TR may be damaged.
 2. Using AA*4 dry batteries or Ni-MH*4 batteries.
 3. We test use 2S Li-Po(7.4V) battery work but not guarantee, nor responsible for any damaged or injured if you insist on DIY do
- Caution: Before installing batteries, checking the correct polarity loaded and right connection is very necessary.

RECEIVER(RX) CONNECTION DIAGRAM



TECHNOLOGY PARAMETER

TR TYPE BER-TRV1S/TRV2S	RX TYPE : BER-RXV1C
Channel: 3CH	Channel: 3CH
Frequency: 2.4GHz	Frequency: 2.4GHz
Use DC:6V 100mA	DC: 6V 20mA
N.W.: 320g	N.W.: 6g
R/F Power: ≤ 20dBm ;	Sensitivity: 1024
Modulation : 2-FSK ;	Frequency Signal : FHSS