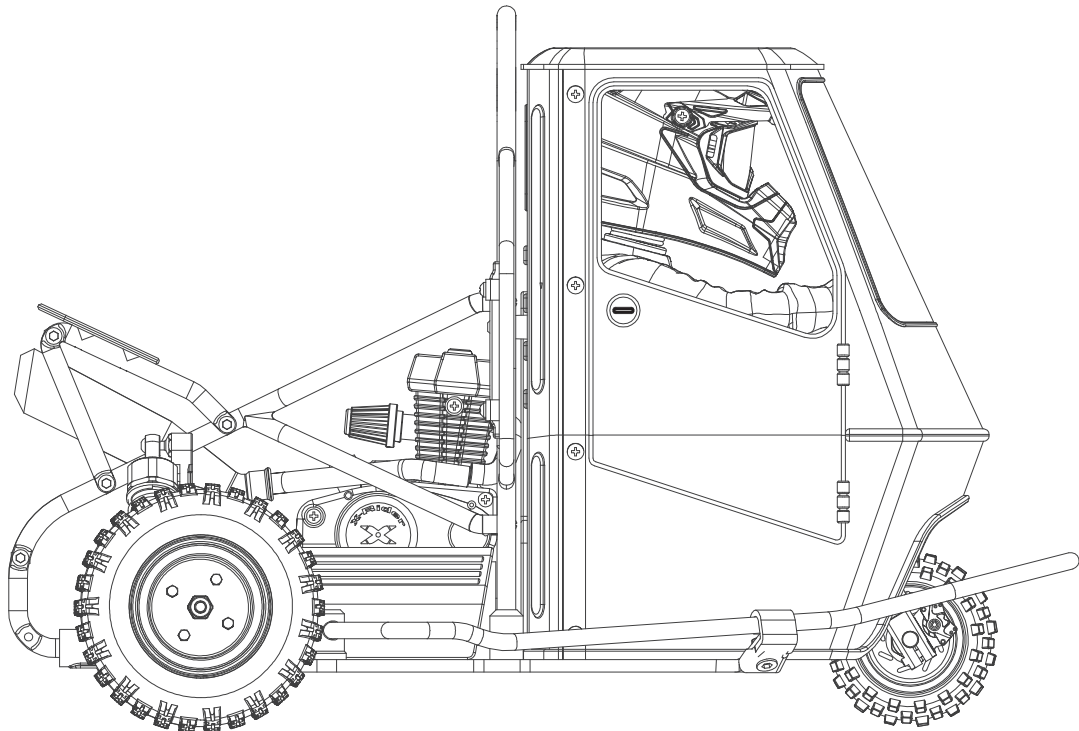


# FLAMINGO

## PRODUCT MANUAL

### 1/8 Remote Control Tricycle



## 01 Product Description

Thank you for purchasing X-RIDER Flamingo. We believe that this new tricycle will bring you infinite happiness. Before use, please read the manual carefully and safe keeping. Accidents are caused by illegal use, the company doesn't undertake any responsibility. The Flamingo is a sport RC tricycle. This product has as below features:

- Easy to drive and install
- Cornering performance is smooth and the posture is as like drift car
- Suitable for two wheel tilt stunts
- Changing shape and the head-shaking cartoon of driver make the whole tricycle more entertaining
- Suitable for DIY interaction between parents and children, through such a common topic, through such a common topic, increase the friendship between Parent-child

In order to exert the performance, for maximum enjoyment of this product, please read this manual carefully. We will have strict testing and debugging before exiting the facility. We promise to customers. Products issue without any material and process problems. We will free for customers to repair within 90 days from the date of purchase. Customer service e-mail: service@cx3rider.com. The warranty doesn't cover crash damage, modification, failure to maintenance, or the damaged caused by improper use. The warranty doesn't cover any result which caused by the final user's assembly or the material used for final user's assembly.

## 02 Safety Precautions

### 1. The specification of the logo

- ⚠ **Caution:** this symbol indicates where caution is essential to avoid injury to yourself or others.
- 💡 **Note:** this symbol indicates where give you a tip in use

### 2. The use of power

- The product use NIMH battery.
- Never disassemble the polarity required for installation. This may lead to damage.
- While charging, the NiMH battery and charger become hot. Do not charge on top of inflammable materials as this may cause fire.
- Do not operate the DC Peak Charger in direct sunlight or in high temperatures. Continually monitor the charger while charging is in progress.
- Short circuit may cause fire or accident so never disassemble or modify the NiMH battery .

### 3. The safety of Children

- This model is not a toy. It is designed for users over 14 years of age.
- As the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.

### 4. The safety of User

- It's highly recommended that first-time enthusiasts seek the advice of an experienced modeler before operating this vehicle.
- Cutters, wire cutter and screwdrivers need careful handling.
- Do not touch moving gears. They can cause injury.
- During and after operation, the motor and batteries will be hot. Do not touch them until they have had time to cool down.

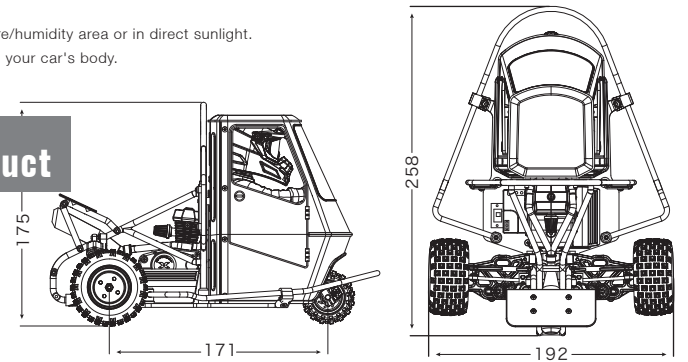
### 5. The range of use

- It can run your car on Asphalt land , on floor, in sandy, on short carpet Etc .
- Do not operate the model on public roads, in crowded places or near infants. It may cause accidents or injury.
- This product emits electrical waves so do not operate: Inside an aircraft. Near automatic devices such as automatic doors and fire alarms. Inside hospitals or medical equipment. Operating may cause accidents.

### 6. The maintenance of product

- Do not store this model in a high-temperature/humidity area or in direct sunlight.
- Do not use water, alcohol, or thinner to clean your car's body.
- Simply wipe it down with a clean, soft cloth.

## 03 The size of Product



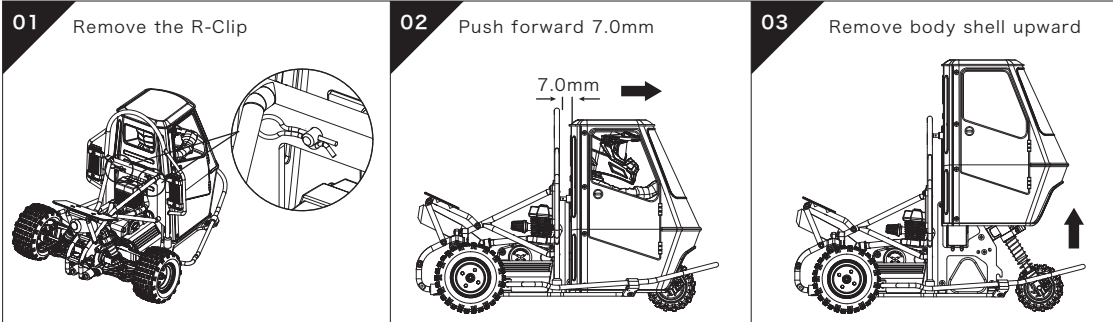
## 04 Ready To Run Preparation

- 1.C
2. Remove the R-Clip on the back body shell and the body shell
3. Connect the battery with the receiver and fix the battery with rubber.
4. With body shell post come through the body shell and fasten it with R clip.

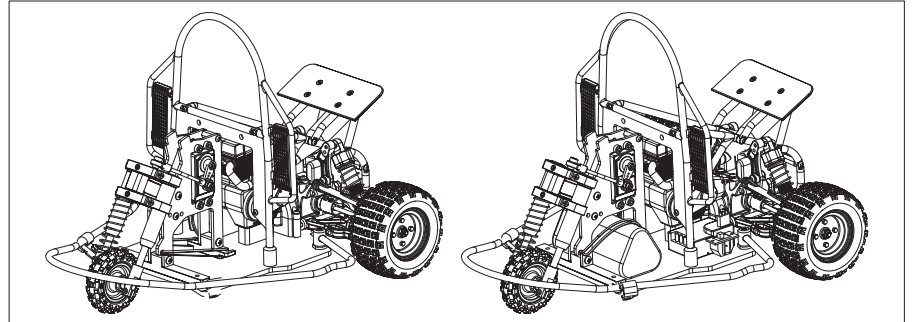
### 5. USB charge LED display

- Connect USB Charger and outlet before usage. the power LED light on, it can charge battery.
- Connect battery, LED light is slow flash
- LED Light off when full
- Breakdown is flashing.

### Remove Body Shell



### Install Battery



## 05 Remote Control System

### Install the batteries:

1. Remove the battery compartment cover.
2. Replace the used batteries with new AAA size batteries

Please replace the batteries when the power indicator blinks or the buzzer beeps.

### REV:

1. Please turn the wheel to left or right with Max angle, and press REV for 2 seconds, then ST will be reverse
2. Please pull the throttle or push the throttle to Max position , and press REC for 2 seconds, then REV will be reverse

### DR:

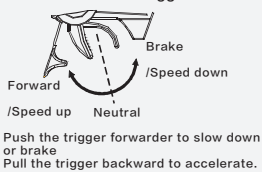
1. Please turn the wheel to left or right with Max angle, and press ST-TRIM+ or ST-TRIM-, then adjust the angle of ST
2. Please pull the throttle or push the throttle to Max position, and press the angle of TH

### Low battery alarm:

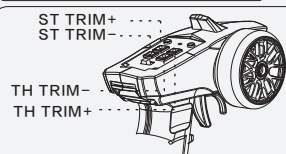
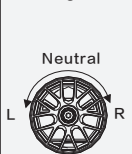
Do not operate the radio system when the battery power is low. Using the AAA batteries or NIMH batteries, when the voltage is lower than 4.5V  $\pm$  0.2, the buzzer sounds continuously, and the LED should start flashing.

### Transmitter Adjustment

#### Throttle Trigger



#### Steering Wheel

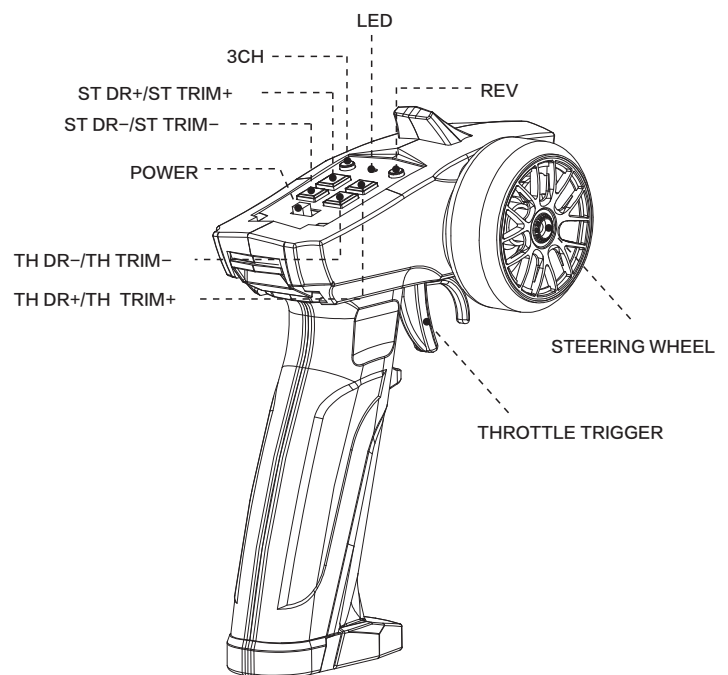
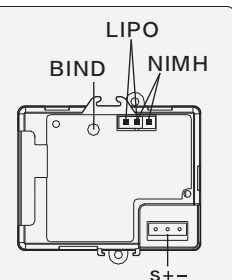
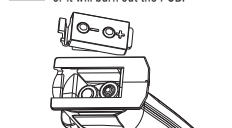


Throttle Trim: Trim the throttle servo slightly when the trigger is at the neutral position  
Steering Trim: If the front wheels do not align straight, use the steering trim to adjust.

### Binding the transmitter and receiver

1. **BIND**  
After connecting the receiver to the power source, connecting the Bind connector to the "pair" pin header. The LED on the receiver should start flashing rapidly.
2. **ON**  
Turn on the transmitter.
3. **LED**  
The LED on the 2in1 should become solid. That is making the remote control code successfully. (Binding the transmitter and 2in1).

⚠ Please don't remove the battery, or it will burn out the PCB.





This assembly manual provides step-by-step instructions for building a remote-controlled car chassis. The process begins with installing the engine and drivetrain components, including gears, bearings, and shafts. It then moves through suspension setup, wheel attachment, and the installation of various structural beams and plates. The final stages involve fitting the body panels, including the hood, doors, and rear panel, and securing them with screws and glue.

### Assembly Steps Summary

- Step 01:** Install bearing BL/04x07x2.5 and gasket PB-809.
- Step 02:** Assemble front suspension components like TX219-1, TX212, and PB/M1.6X6.
- Step 03:** Install BL/05X010X4 bearings and M3 hex flange nuts.
- Step 04:** Assemble the rear axle with P/M2.5X8, TX054, TX052, and TX055.
- Step 05:** Install BL/06x010x3 bearings and PB/M2.5X8 round head screws.
- Step 06:** Assemble the main chassis frame with PM/M2X6 and KB/M2.5X8 screws.
- Step 07:** Install PB/M2X4 round head screws and KB/M2.5X8 flat head screws.
- Step 08:** Assemble the motor mount with KM/M3X6 flat head screws.
- Step 09:** Install PB/M2.3X6 round head screws and KB/M2.5X8 cap head screws.
- Step 10:** Install JM/M3X6 set screws and PB/M2.5X12 round head screws.
- Step 11:** Attach wheels and install diff gear TX041.
- Step 12:** Apply glue and install PB/M2X12 round head self-tapping screws.
- Step 13:** Install KB/M2X6 flat head screws.
- Step 14:** Assemble the front suspension arms with PM/M2X6 round head screws.
- Step 15:** Install JM/M3X4 set screws and TX301 coilovers.
- Step 16:** Assemble the side rails with JM/M3X3 set screws and M2.5 hex nuts.
- Step 17:** Install PB/M2X4 round head screws and TX207-L/R plates.
- Step 18:** Assemble the rear suspension with PB/M2X8 round head screws.
- Step 19:** Install KB/M2X6 flat head screws and TX206-1 plate.
- Step 20:** Assemble the rear suspension arms with JM/M3X4 set screws.
- Step 21:** Install M2.5 hex nuts and TX292 plate.
- Step 22:** Assemble the rear suspension with KM/M2.5X10 round head screws.
- Step 23:** Install PB/M2X6 round head screws and TX243-R/L fenders.
- Step 24:** Assemble the body frame with KB/M2X5 flat head screws.
- Step 25:** Fit the body shell onto the chassis.
- Step 26:** Final assembly check and completion.

Item No	Item Name	Qty	Item No	Item Name	Qty	Item No	Item Name	Qty	Item No	Item Name	Qty
TX001	Rear Tire	2	TX044	Spring Adjuster	2	TX233	Exhaust Pipe	1	BL03X07X3	Bearing o3X07X3	2
TX002	Rear Wheel Rim	2	TX045	Rear Shock Spring	2	TX234	Guard Assy Post	2	JM/M3X3	Set Screw M3x3	2
TX003	Upper Gear Cover	1	TX046	4.5MM Ball	4	TX235	Guard Assy	1	JM/M3X4	Set Screw M3x4	4
TX004	Lower Gear Cover	1	TX047	O-ring	2	TX236	Guard Assy Clip	2	JM/M3x6	Set Screw M3x6	2
TX005	Motor Mount	1	TX048	O-ring	4	TX237-1	Body Shell Plate	1	HM/M2X5	Cap Head Screw M2x5	2
TX006-54T	54T Spur Gear	1	TX049	Dogbone Pin	2	TX238-1	Chassis Stand	1	HM/M2X6	Cap Head Screw M2x6	2
TX007-18T	18T Motor Gear	1	TX060	NiMH Battery 7.2V/800mAh	1	TX239	Body Shell Post	2	KB/M1.6X6	Flat Head Self-tapping Screw M1.6X6	4
TX008	Suspension Arm	2	TX061-R	Receiver	1	TX240-1	Windshield	1	HM/M2.5X10	Flat Head Self-tapping Screw M2.5x10	1
TX009	Diff Gear Box	1	TX061-T	transmitter	1	TX241	Hex Post	1	KB/M2.5X15	Flat Head Self-tapping Screw M2.5X15	2
TX010	Diff Gear Box	1	TX201-1	Main Chassis	1	TX243-L	Helmet (left)	1	KB/M2.5X8	Flat Head Self-tapping Screw M2.5X8	13
TX011	Arm Mount	1	TX202-1	Roll Cage	1	TX243-R	Helmet (Right)	1	KB/M2X5	Flat Head Self-tapping Screw M2X5	8
TX012	Rear Hub Carrier	2	TX203-L-1	Left Roll Cage	1	TX244	Visor	1	KB/M2X6	Flat Head Self-tapping Screw M2X6	8
TX013	Diff Plate	1	TX203-R-1	Right Roll Cage	1	TX245	Eyeshade	1	KB/M3X6	Flat Head Self-tapping Screw M3X6	5
TX014	Shock Tower	1	TX204-L-1	Left Wing Stay	1	TX246	Rider	1	KB/M3X8	Flat Head Self-tapping Screw M3X8	2
TX015	Chassis Link	2	TX204-R-1	Right Wing Stay	1	TX248	Front Shock Body	2	KM/M2.5X10	Flat Head Self-tapping Screw M2.5x10	2
TX016	Arm Plate	1	TX205	Hex Post	3	TX249	Front Shock Cap	2	KM/M2.5x8	Flat Head Screw M2.5x8	2
TX056	Gear Diff Shaft	1	TX206-1	Rear wing	1	TX250	Front Shock Slipper	2	KM/M2.5X8	Flat Head Screw M2.5x8	2
TX054	Diff Cup	2	TX207-L	Left Radiator	1	TX251	Front Shock Bottom	2	KM/M3X6	Flat Head Screw M3X6	2
TX050-32T	32T Diff Gear	1	TX207-R	Right Radiator	1	TX252	Steering Shaft	1	KM/M3X8	Flat Head Screw M3X8	2
TX052-15T	15T Diff Gear	2	TX208-L-1	Left Engine	1	TX253	Ball End	2	PB/M1.6X6	Round Head Self-tapping Screw M1.6X6	1
TX051-11T	11T Diff Gear	1	TX208-R-1	Right Engine	1	TX255-1	Steering Turnbuckle	1	PB/M2.3X6	Round Head Self-tapping Screw M2.3X6	2
TX053-9T	9T Diff Gear	3	TX210	Chassis Stand	1	TX258	Hex Post	1	PB/M2.3X8	Round Head Self-tapping Screw M2.3X8	5
TX024	Dogbone	2	TX211	Steering Support	1	TX259	Helmet Spring	1	PB/M2.5X12	Round Head Self-tapping Screw M2.5X12	2
TX055	Gear Diff Mount	1	TX212	Rear Shaft	1	TX265	Spring o5xo22x0.4	2	PB/M2.5X15	Round Head Self-tapping Screw M2.5X15	2
TX028	Ball End	4	TX213	Front Shock Shaft	2	TX290	Front Shock Tube	2	PB/M2.5X6	Round Head Self-tapping Screw M2.5X6	4
TX029	Rear Shock Spring Cap	2	TX214	Shock Absorber Triples	2	TX291	32T Brushed Motor	1	PB/M2.5X8	Round Head Self-tapping Screw M2.5X8	2
TX030	Rear Shock Body	2	TX215	Front Shock Spring Cap	1	TX292	Steering Servo	1	PB/M2X12	Round Head Self-tapping Screw M2X12	7
TX031	Rear Shock Piston	2	TX217	Front Shock Spring	1	TX300	Foam Inserts	2	PB/M2X20	Round Head Self-tapping Screw M2X20	3
TX032	Ball End	2	TX218-1	Front Wheel Rim	1	TX221	Gasket o4.1x o6x3.2	1	PB/M2X4	Round Head Self-tapping Screw M2X4	13
TX033	Rear Shock Upper Cap	2	TX219-1	Front Tire	1	TX264	Gasket o6xo8x0.1	2	PB/M2X6	Round Head Self-tapping Screw M2X6	5
TX034	Rear Shock Bottom Cap	2	TX220-1	Front Brake Disc	1	TX301	Gasket o3xo5x0.5	2	PB/M2X8	Round Head Self-tapping Screw M2X8	4
TX035	Rear Shock Piston	2	TX222-1	Front Brake Caliper	1	O2xO4x0.1	Gasket o2xo4x0.1	4	PB/M3X6	Round Head Self-tapping Screw M3X6	6
TX036	adjusting ring	2	TX226-1	Main Body Shell	1	PB8-089	Gasket o4xo6x0.3	1	PM/M2.5X8	Round Head Screw M2.5X8	2
TX037	adjusting ring	2	TX227-1	Body Shell Cover	1	91	Gasket o3xo7x1	3	PM/M2X12	Round Head Screw M2X12	4
TX038	Rear Shock Shaft	2	TX228-1	Wheel Axle	2	M2.5	Hex Nut M2.5	5	PM/M2X6	Round Head Screw M2X6	2
TX039	Suspension Arm Shaft	2	TX229-1	12MM Hex Wheel Hub	2	25	Hex Flange Nuts M3	2	PM/M2X8	Round Head Screw M2X8	4
TX040	Suspension Arm Shaft	2	TX230-L	Left Frame	1	BL/O4XO7X2.5	Bearing o4Xo7X2.5	2	PB8-1		