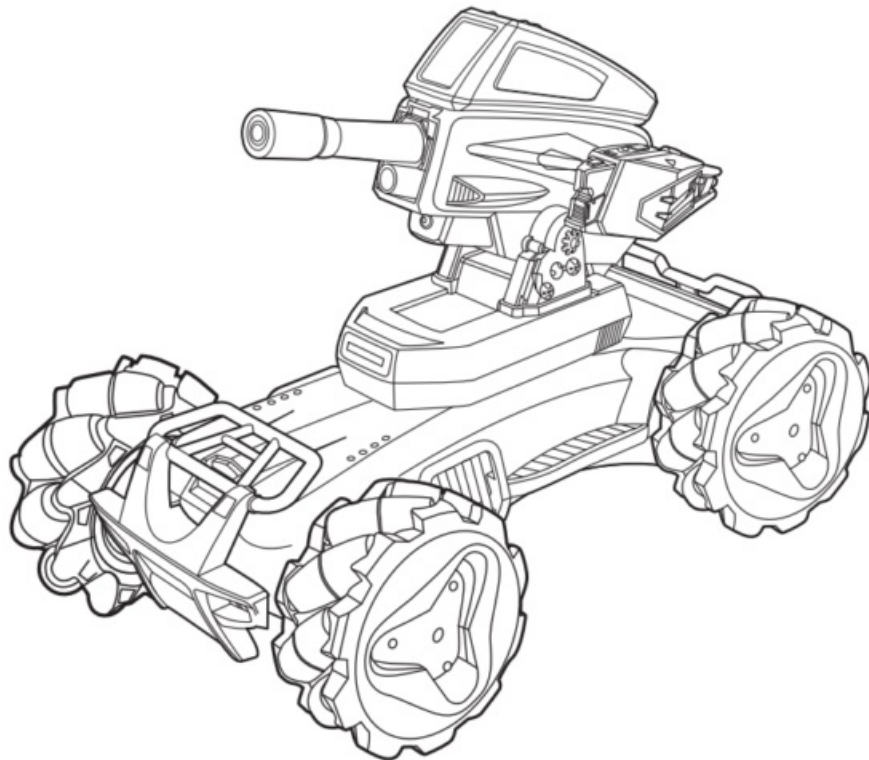




## SHANTOU Intelligence Interactive Robot Instruction Manual

[Home](#) » [SHANTOU](#) » SHANTOU Intelligence Interactive Robot Instruction Manual 

# SHANT U







**8+**  
YEARS

## Contents

- 1 Intelligence Interactive Robot
- 2 PRODUCT INTRODUCTION
- 3 PRODUCT STRUCTURE
- 4 DRIVING CONTROL—DIRECTION BUTTONS
- 5 TRIPOD HEAD CONTROL
- 6 INFRARED LASER AIMING
- 7 SIMULATED BATTLE MODE
- 8 GAME RULES IN SIMULATED BATTLE MODE
- 9 INFRARED INTELLIGENT SENSOR
- 10 PROGRAMMING AND EXECUTION
- 11 CAMERA INSTALLATION AND USE
- INSTRUCTIONS:
- 12 ENTERTAINMENT AND SOUND
- 13 BATTERY REMINDER
- 14 MODULAR UPGRADE
- 15 MAINTENANCE
- 16 BATTERY SAFETY INSTRUCTION
- 17 Documents / Resources
  - 17.1 References

## Intelligence Interactive Robot

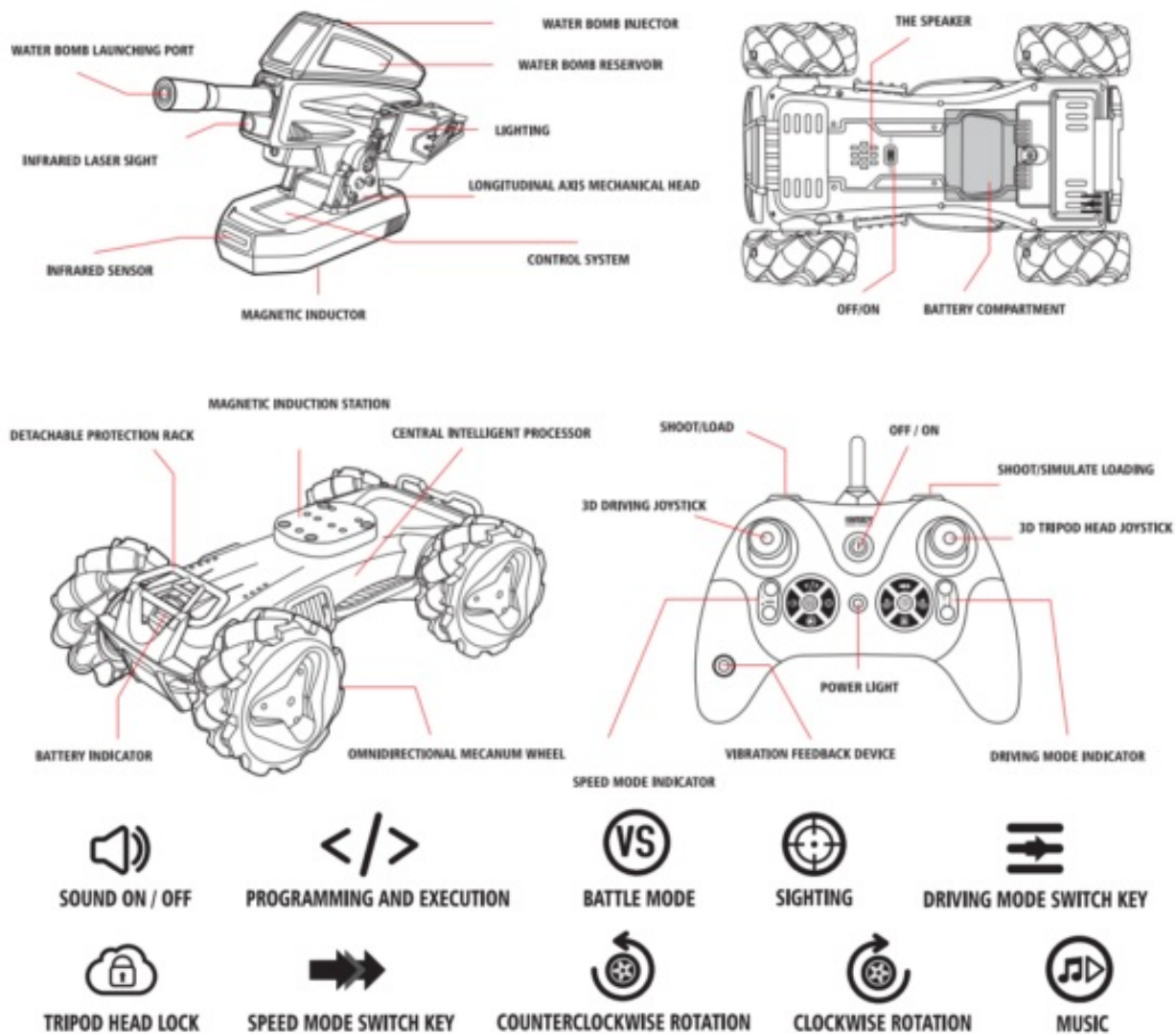
### INTELLIGENCE INTERACTIVE ROBOT

	MEMORY PROGRAMM
	MULTI- DIRECTIONAL MOVEMENT
	MAGNETIC TRANSFORM
	BATTLE CONFRONTATION

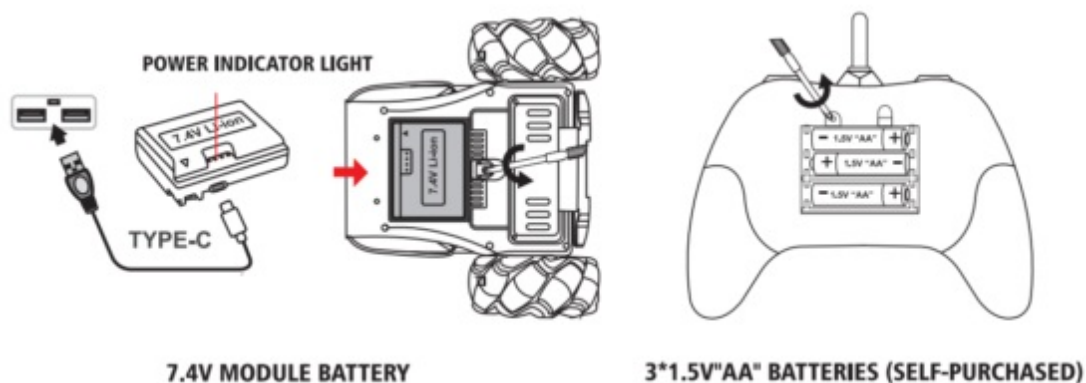
### PRODUCT INTRODUCTION

STORM MASTER IS AN INTELLIGENT INTERACTIVE ROBOT.COMBINED WITH VARIOUS SENSORS SUCH AS LIGHT, SOUND AND FORCE, IT HAVE AN POWERFUL CENTRAL PROCESSING UNIT (CPU), , INDUSTRIAL- GRADE HIGH-STRENGTH MAGNETIC CARBON BRUSH MOTOR, ALL-AROUND MOBILE CHASSIS AND TWO- AXIS MECHANICAL HEAD, SO THAT WE CAN LEARN ARTIFICIAL INTELLIGENCE AND SIMPLE PROGRAMMING KNOWLEDGE WHILE WE ENJOY THE FUN OF THE GAME.

### PRODUCT STRUCTURE



## BATTERY INSTALLATION



1. PLEASE CHARGE THE BATTERY UNDER ADULT SUPERVISION.
2. CHARGING TIME IS ABOUT 3-12 HOURS, ACCORDING TO THE OUTPUT CURRENT OF THE CHARGER. PLEASE FULLY CHARGE THE BATTERY BEFORE THE FIRST USE.
3. WHEN ALL FOUR LIGHTS ON THE MODULAR BATTERY ARE ON THE BATTERY IS FULLY CHARGED

## QUICKSTART

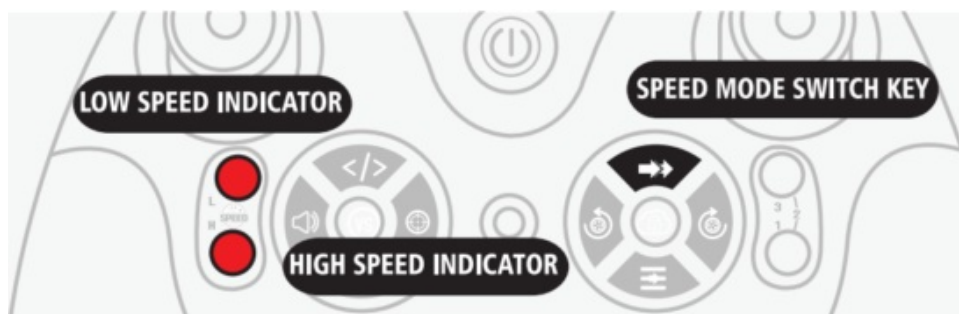
1. LOAD A FULL CHARGING BATTERY INTO THE BATTERY COMPARTMENT AND CONNECT THE POWER

CORD.




2. TURN ON THE UNDERCAR POWER SWITCH.PLACE THE MAGNETIC MODULE ON THE BOTTOM OF THE CAR. LIGHTS FLASH ON BOTH SIDES OF THE MECHA, WAITING FOR FREQUENCY CONNECTION.
3. BATTERY THE REMOTE CONTROL AND TURN ON IT. THE REMOTE CONTROL WILL MATCH TO THE FREQUENCY OF THE MECHA AUTOMATICALLY.WHEN THE “DING” SOUND IS HEARD, THE LIGHT ON THE TWO WINGS OF THE MECHA IS ALWAYS ON AND THE REMOTE CONTROL VIBRATES, THE REMOTE CONTROL WILL MATCH THE.FREQUENCY SUCCESSFULLY WITH THE MECHA.
4. IF THE REMOTE CONTROL IS NOT USED WITHIN THREE MINUTES, IT WILL ENTER SLEEP MODE.YOU CAN USE ANY KEY ON THE REMOTE TO BREAK THIS SLEEP MODE

## SPEED REGULATION

STORM MASTER X2 HAS TWO SPEEDS.PRESS  TO CHOOSE HIGH SPEED OR LOW SPEED.



## REMARKS:

	SPEED INDICATOR
	INDICATES HIGH SPEED MODE
	INDICATES LOW SPEED MODE

1. IN THE HIGH-SPEED MODE, THE MAXIMUM DRIVING SPEED CAN REACH ABOUT 12KM/H, AND THE MAXIMUM DRIFTING PEED IS ABOUT 4KM/H.
2. IN THE LOW-SPEED MODE, THE MAXIMUM DRIVING SPEED CAN REACH ABOUT 6KM/H, AND THE MAXIMUM DRIFTING SPEED IS 2KM/H.

## DRIVING MODE

PRESS  TO CHOOSE DIRVING MODE



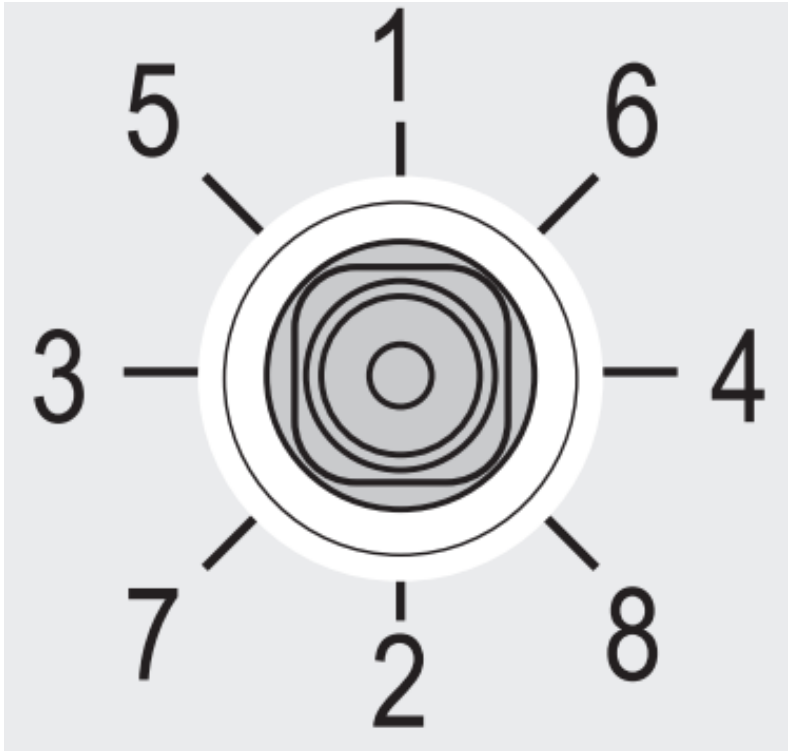
"1" ●	STRAIGHT-LINE DRIFT.
"2" ● ●	DRIFT ARoUND THE PILE.
"3" ●	SIMPLE DRIFT.

**NOTE:** PLEASE REFER TO THE DESCRIPTION OF THE 3D DRIVING JOYSTICK AND DIRECTION BUTTONS FOR THE SPECIFIC CONTROL OF THE MODE.

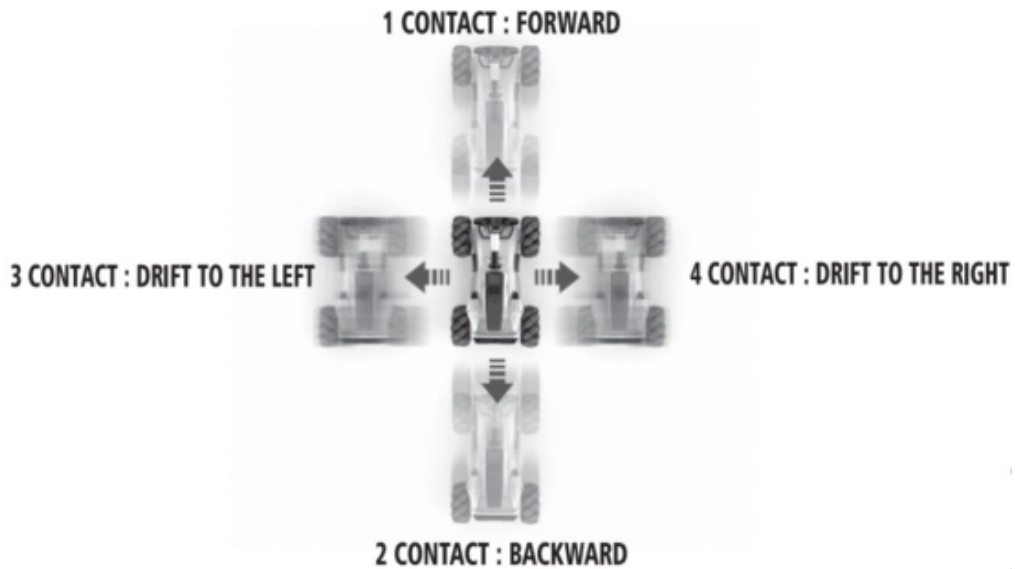
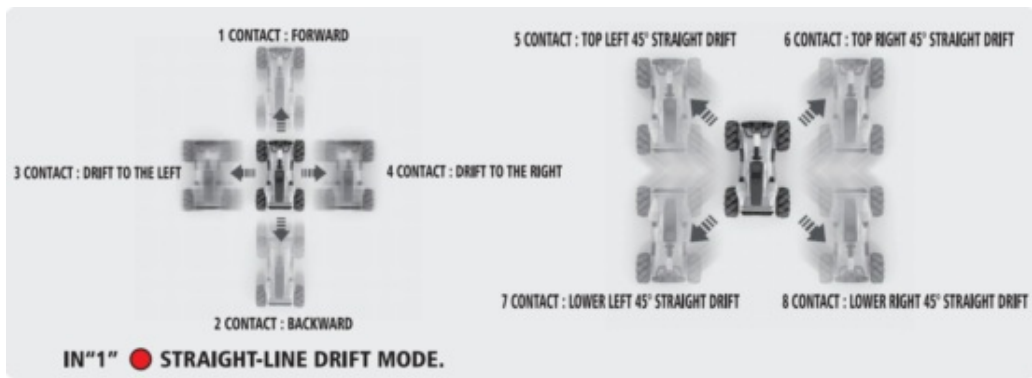
**DRIVING CONTROL—3D DRIVING JOYSTICK**



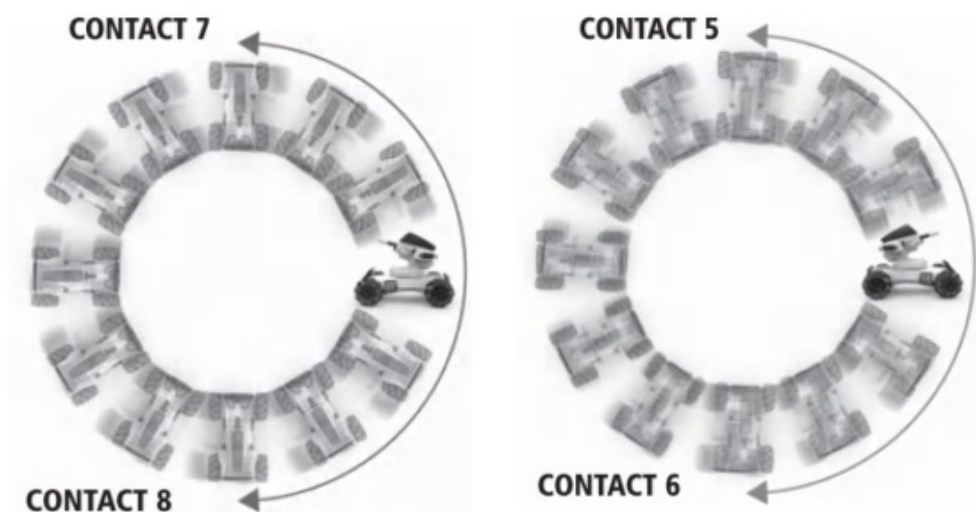
THE DRIVING CONTROL CAN BE CARRIED OUT THROUGH THE 3D DRIVING JOYSTICK AND DIRECTION BUTTONS.



THE 3D DRIVING JOYSTICK HAS EIGHT CONTACTS, EACH OF WHICH REPRESENTS AN ACTION.THE 8 CONTACTS OF THE 3D JOYSTICK REPRESENT DIFFERENT ACTIONS IN DIFFERENT DRIFT MODES.



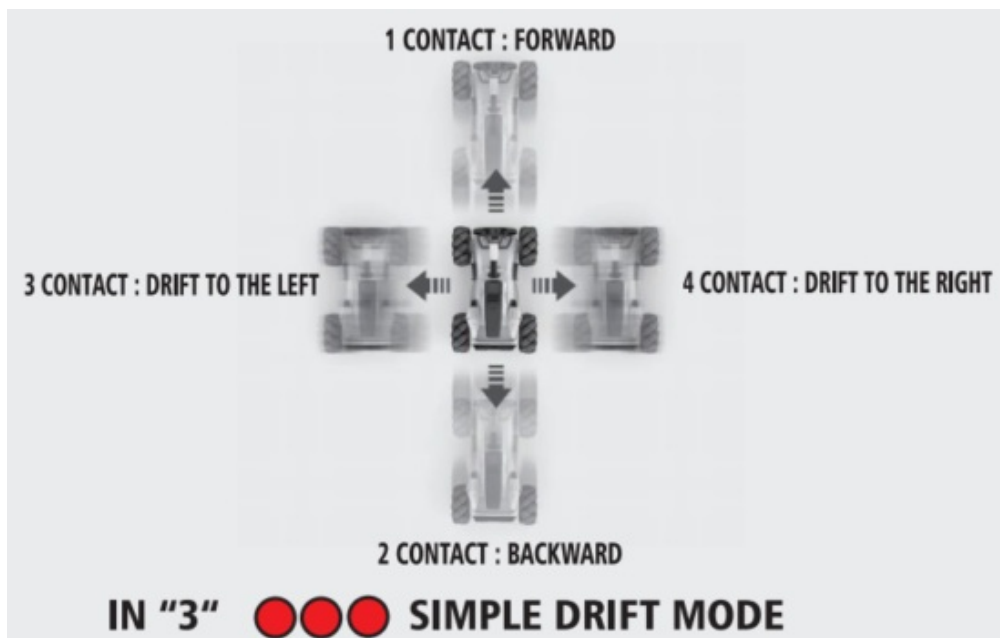
**IN"2" ●● DRIFT AROUND PILE MODE.**



**CONTACT 5/6:** THE FRONT TURNS OUTWARD, AND THE WHOLE VEHICLE DRIFTS 360° COUNTERCLOCKWISE/CLOCKWISE AROUND THE PILE.

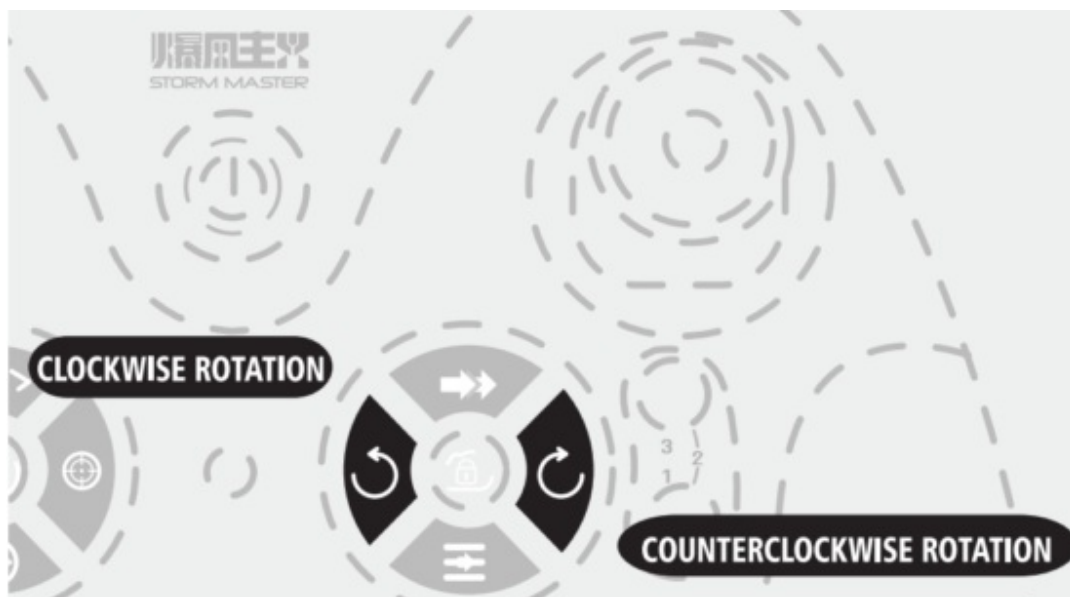
**CONTACT 7/8:** THE FRONT TURNS INWARD, AND THE WHOLE VEHICLE DRIFTS 360° COUNTERCLOCKWISE/CLOCKWISE AROUND THE PILE.





ONLY FUNCTION OF 1/2/3/4 CONTACTS IS RETAINED, AND FUNCTION OF 5/6/7/8 FOUR CONTACTS IS INVALID. IT IS SUGGESTED THAT BEGINNERS CAN CARRY OUT INITIAL PRACTICE IN THIS MODE.

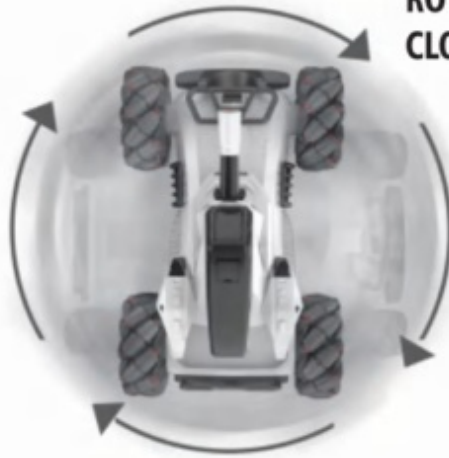
## DRIVING CONTROL—DIRECTION BUTTONS



**ROTATE 360°  
COUNTERCLOCKWISE  
IN PLACE**



**ROTATE 360°  
CLOCKWISE IN PLACE**



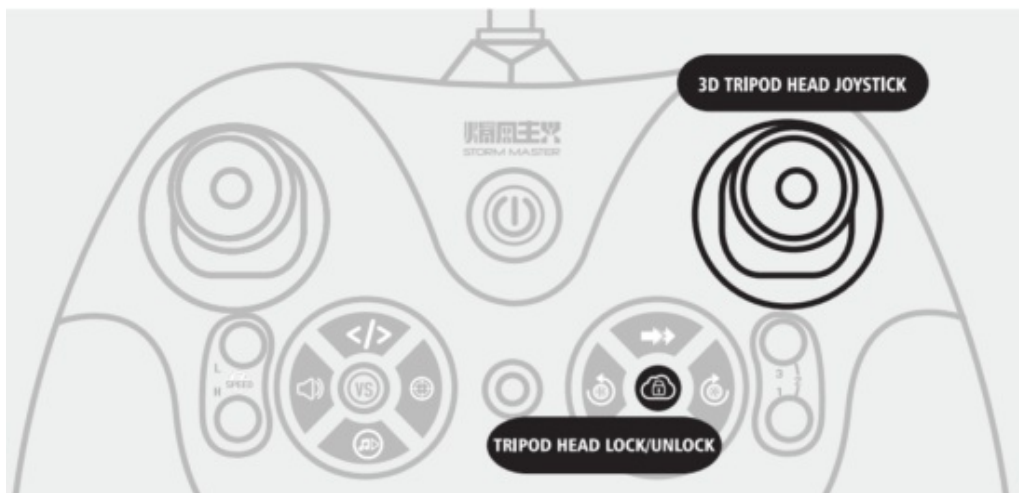
IN ANY MODE, THE LEFT AND RIGHT DIRECTION BUTTONS CAN RESPECTIVELY CONTROL THE LEFT AND RIGHT 360° IN SITU ROTATION. AND THE DIRECTION AND ANGLE CAN BE ADJUSTED ACCORDING TO THE DURATION OF PRESSING THE BUTTON.

## **TRIPOD HEAD CONTROL**

THE STORM MASTER X2 HAS A TWO-AXIS MECHANICAL TRIPOD HEAD THAT CAN MOVE UP AND DOWN 45° OR MOVE LEFT AND RIGHT 170° BY THE 3D TRIPOD JOYSTICK.



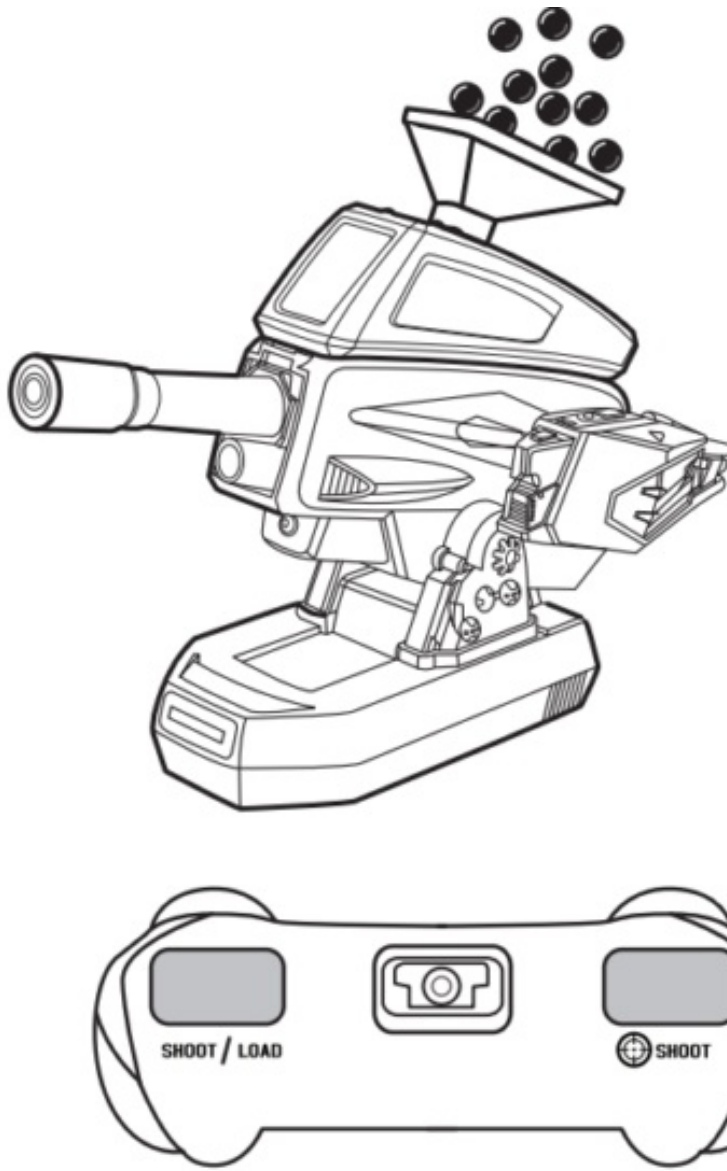
**TRIPOD HEAD LOCK**



**WATER BOMB SHOOTING**

**WATER BOMBS INLET**

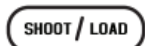




STORM MASTER COMES EQUIPPED WITH MASSIVE STORAGE, WHICH CAN HOLD UP TO 55 CRYSTAL BULLETS 7-8 MM IN DIAMETER.



1. WATER BOMBING REQUIRES THE SUPERVISION OF AN ADULT IT IS FORBIDDEN TO AIM AND SHOOT AT PEOPLE, ESPECIALLY EYES AND FACE. WHEN SHOOTING WATER BOMBS, PLEASE WEAR GOGGLES AT THE SAME TIME.
2. DO NOT OVERLOAD THE WATER BOMB, OTHERWISE IT WILL JAM EASILY AND MAKE IT IMPOSSIBLE TO SHOOT.
3. WHEN THE WATER BOMB PROJECTILE IS NOT SUCCESSFUL, IT CAN BE OPERATED BY THE 3D TRIPOD HEAD JOYSTICK TO CONTROL THE TRIPOD HEAD SWING UP AND DOWN, LEFT AND RIGHT.



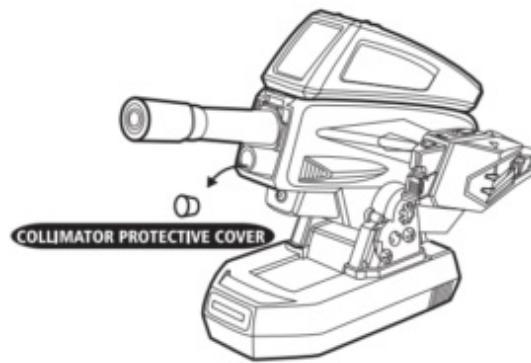
LAUNCH WATER BOMB



LAUNCH WATER BOMB

PRESS ONE OF TWO BUTTONS IN THE FRONT OF REMOTE CONTROL TIGHTLY TO SHOOT CONTINUOUSLY FOR UP TO 5 SECONDS. WATER BOMB HAS A MAXIMUM RANGE OF 15 METERS.

## INFRARED LASER AIMING



DO NOT DIRECT INFRARED LASERS AT THE EYES!

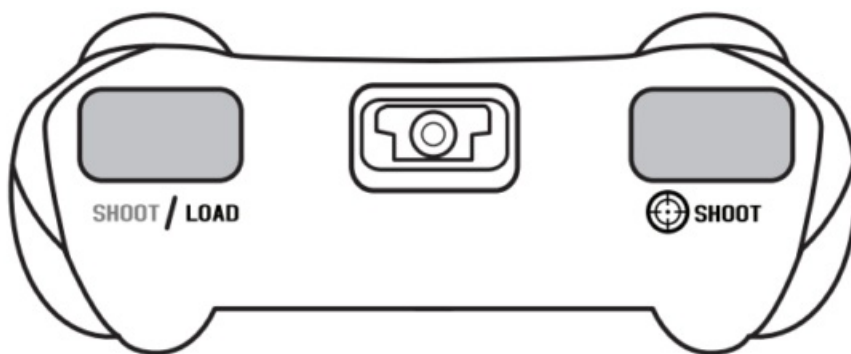
REMOVE THE SIGHT PROTECTION COVER AND PRESS THE SWITCH  TO ACTIVATE THE STORM MASTER INFRARED AIMING FUNCTION.

THE SIGHT IS ONLY USED AS A REFERENCE FOR TARGET POSITIONING, AND THE USER CAN JUDGE THE TARGET ACCORDING TO THE LASER CENTER POINT.

## SIMULATED BATTLE MODE



PRESS  AND TWO OR MORE STORM MASTER X2 WILL ENTER THE SIMULATED BATTLE MODE



1. IN SIMULATED BATTLE MODE,   ANALOG CONTROL.

 SIMULATED BULLET LOADING , EACH LOADING CAN FIRE 20 VIRTUAL BULLETS.

 SIMULATION OF LAUNCH, ~ SIMULATE FIRING A VIRTUAL BULLET WITH SOUND EFFECTS

2. IN SIMULATED BATTLE MODE, BLANK, LOADED AND FIRED ALL HAVE CORRESPONDING SOUND EFFECTS.

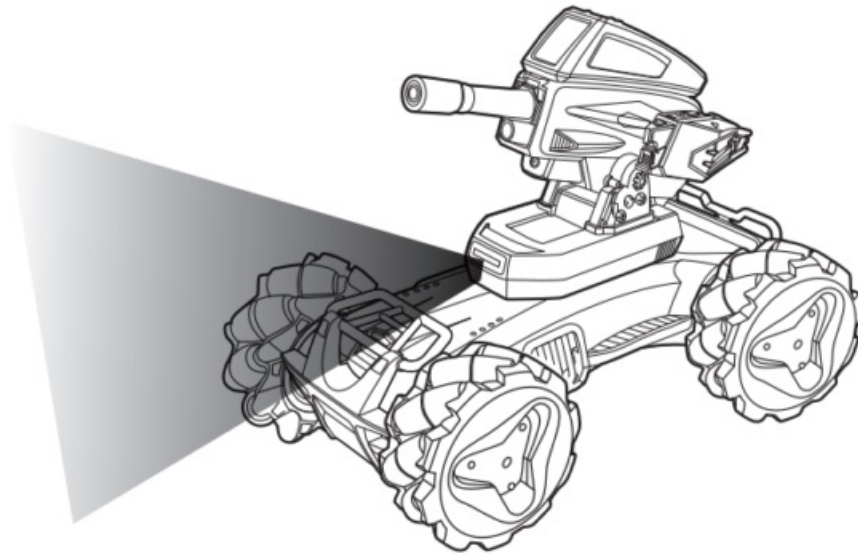
## GAME RULES IN SIMULATED BATTLE MODE

1. IN SIMULATED BATTLE MODE, EACH STORM MASTER X2 HAS 8 HEALTH POINTS
2. STORM MASTER X2 LOSE ONE CELL HEALTH WHEN IT WAS HIT, AND THE FEEDBACK ON THE REMOTE VIBRATES.

THE NUMBER OF BEING HITS	THE STATE AFTER BEING HIT		FEEDBACK ON REMOTE CONTROL	REMAINNING HEALTH POINTS
1	THE FRONT LEFT WHEEL LOSE 50% POWER	SOUND PROMPT	VIBRATION	7
2	THE FRONT RIGHT WHEEL LOSE 50% POWER	SOUND PROMPT	VIBRATION	6
3	THE LEFT REAR WHEEL LOSE 50% POWER	SOUND PROMPT	VIBRATION	5
4	THE RIGHT REAR WHEEL LOSE 50% POWER	SOUND PROMPT	VIBRATION	4
5	THE FRONT LEFT WHEEL LOSE 100% POWER	SOUND PROMPT	VIBRATION	3
6	THE FRONT RIGHT WHEEL LOSE 100% POWER	SOUND PROMPT	VIBRATION	2
7	THE LEFT REAR WHEEL LOSE 100% POWER	SOUND PROMPT	VIBRATION	1
8	ALL MECHA FUNCTION FAIL NEED TO RESTART THE MECHA	SOUND PROMPT	ALL REMOTE CONTROL BUTTONS ARE INVALID NEED TO RESTART	0

## INFRARED INTELLIGENT SENSOR

BEST RECOGNITION RANGE: WITHIN 1.5 M DIRECTLY IN FRONT OF THE SENSOR UP AND DOWN 45°/LEFT AND RIGHT 45°



IN SIMULATED BATTLE MODE, STORM MASTER X2 IDENTIFY COMBAT THROUGH INFRARED INTELLIGENT SENSORS. THE BEST RECOGNITION RANGE IS WITHIN 1.5M DIRECTLY IN FRONT OF THE SENSOR, UP AND DOWN 45°, LEFT AND RIGHT 45°, AS SHOWN IN THE SHADED SECTION.

## PROGRAMMING AND EXECUTION




STORM MASTER X2 CAN BE PROGRAMMED AND EXECUTED USING 18 BUILT-IN ACTION COMMAND LANGUAGES.



**PROGRAMMING:** THE USER CONTROLS VARIOUS ACTION KEYS FOR PROGRAMMING. EACH ACTION KEY REPRESENTS AN ACTION LANGUAGE PROGRAMMING SESSION. MECHA CAN BE PROGRAMMED IN UP TO 60 ACTION LANGUAGES.



**EXECUTION:** PRESS AGAIN AND THE MECHA WILL PERFORM THE PROGRAMMED ACTION. **USERS CAN PROGRAM AT DIFFERENT SPEEDS AND DIFFERENT DRIVING MODES, AND THE SPECIFIC 'CORRESPONDING LANGUAGE ACTIONS ARE AS FOLLOWS**

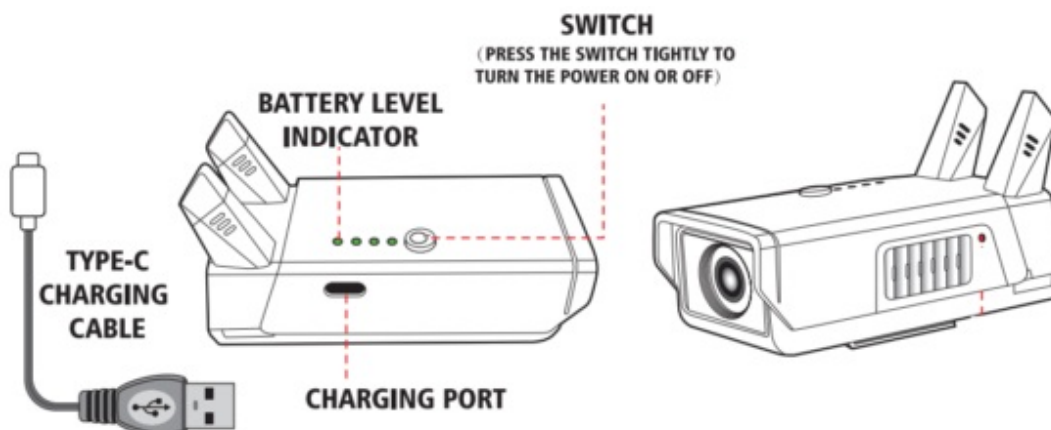
CONTROL UNIT DRIFT MODE	3D DRIVING JOYSTICK	LEFT/RIGHT DIRECTION BUTTON	3D TRIPOD HEAD JOYSTICK
"1"  STRAIGHT-LINE DRIFT MODE	FORWARD/ BACKWARD/ DRIFT TO THE LEFT/ DRIFT TO THE RIGHT/ TOP LEFT 45 STRAIGHT DRIFT/ TOP RIGHT 45 STRAIGHT DRIFT/ LOWER LEFT 45 STRAIGHT DRIFT/ LOWER RIGHT 45 STRAIGHT DRIFT	ROTATE 360 CLOCKWISE IN PLACE/ROTATE 360 COUNTERCLOCKWISE IN PLACE	THE LAUNCH PAD OF THE TRIPOD HEAD MOVES UP AND DOWN: THE TRIPOD HEAD MOVES LEFT AND RIGHT
"2"  DRIFT AROUND PILE MODE	FORWARD/ BACKWARD/ DRIFT TO THE LEFT/ DRIFT TO THE RIGHT/ LEFT INSIDE OR RIGHT INSIDE 360° DRIFT AROUND THE PILE/ LEFT OUTSIDE OR RIGHT OUTSIDE 360° DRIFT AROUND THE PILE	ROTATE 360 CLOCKWISE IN PLACE/ROTATE 360° COUNTERCLOCKWISE IN PLACE	THE LAUNCH PAD OF THE TRIPOD HEAD MOVES UP AND DOWN: THE TRIPOD HEAD MOVES LEFT AND RIGHT
"3"  SIMPLE DRIFT MODE	FORWARD/ BACKWARD/ DRIFT TO THE LEFT/ DRIFT TO THE RIGHT	ROTATE 360 CLOCKWISE IN PLACE/ROTATE 360 COUNTERCLOCKWISE IN PLACE	THE LAUNCH PAD OF THE TRIPOD HEAD MOVES UP AND DOWN: THE TRIPOD HEAD MOVES LEFT AND RIGHT

## CAMERA INSTALLATION AND USE INSTRUCTIONS:

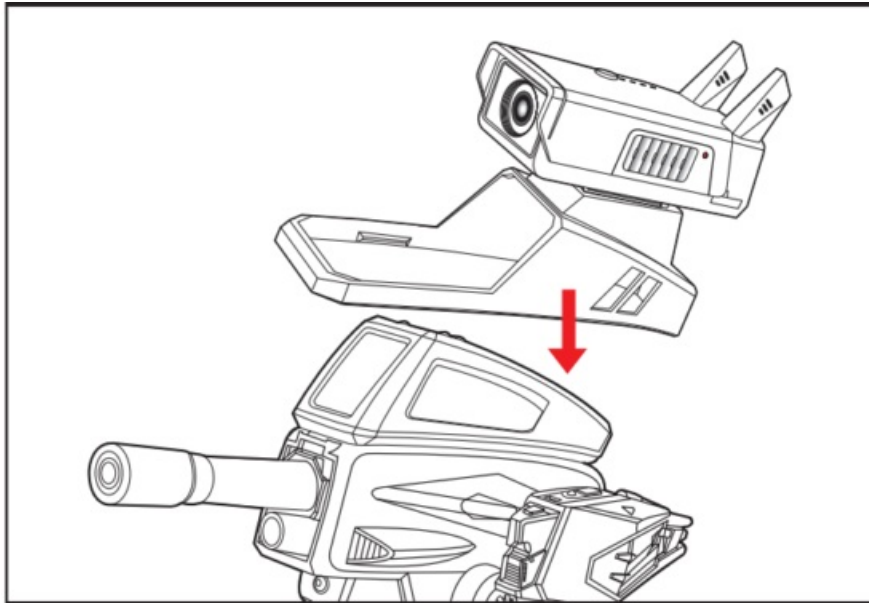
**THREE TYPES OF SUPPORT:** MAGNET SUPPORT, DECORATION SUPPORT, MECHA SET (INSTALLATION AS SHOWN BELOW)



**FASTEN THE CAMERA TO THE BRACKET**



THE CAMERA IS ATTACHED TO THE MECHA SU. THEN ATTACHED TO THE MECHAS HEAD



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.

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

**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.

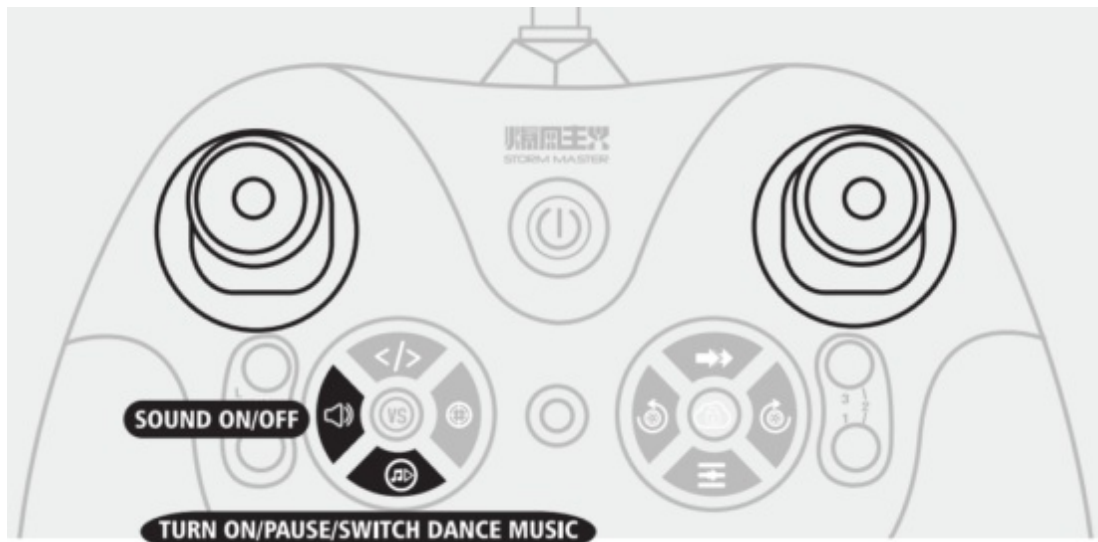
This device and its antenna (s) must not be co-located or operation in conjunction with any other antenna or transmitter.

#### **Radiation Exposure Statement**

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.

## **ENTERTAINMENT AND SOUND**



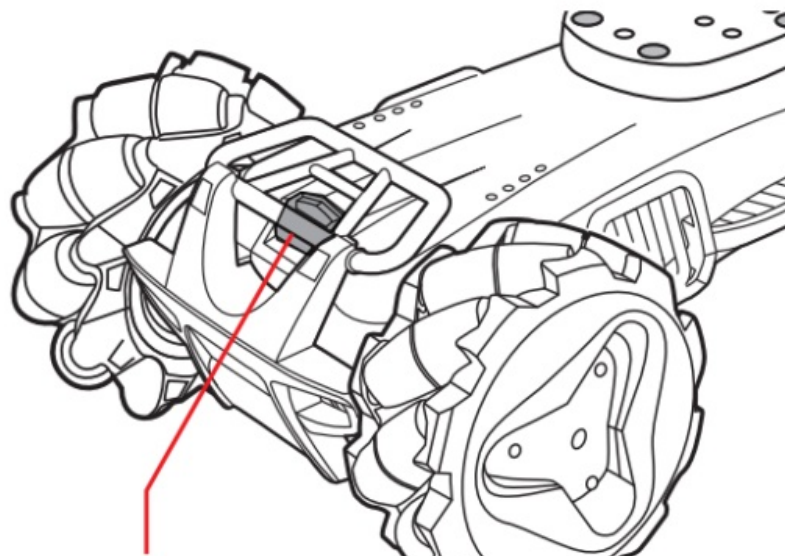


STORM MASTER HAS HIGH-QUALITY AUDIO SPEAKERS AND IS EQUIPPED WITH A 32-BIT, 16-CHANNEL, HIGH-DEFINITION INTELLIGENT SOUND EFFECT SYSTEM.

STORM MASTER BUILT-IN 4 DYNAMIC MUSIC, AND CAN BE BASED ON THE DIFFERENT ACTIONS OF THE GAME TO SEND OUT THE CORRESPONDING VIBRATION SOUND EFFECT, GIVING PEOPLE THE FEELING OF IMMERSIVE.

## **BATTERY REMINDER**

THE ELECTRIC QUANTITY PROMPT LIGHT IS ALWAYS ON WHEN THE ELECTRIC QUANTITY IS SUFFICIENT. WHEN THE POWER INDICATOR LIGHT BLINKS OR GOES OFF, THE POWER IS LOW PLEASE CHARGE IT IN TIME.



## **SMART BATTERY INDICATOR**

## **MODULAR UPGRADE**

STORM MASTER X2 USES MAGNETIC MODULAR DESIGN TO FACILITATE THE EXPANSION OF DIFFERENT MODULES AND FUNCTIONS. LATER MANUFACTURERS WILL RELEASE NEW EXTENSION KITS TO UPGRADE, SO STAY TUNED.

## **MAINTENANCE**

PLEASE WIPE STORM MASTER X2 WITH A CLEAN SOFT CLOTH.

DO NOT SOAK STORM MASTER X2 IN WATER, OR THE TOY PARTS WILL BE DAMAGED.  
DO NOT EXPOSE STORM MASTER X2 TO THE SUN OR STORE IN A PLACE WITH TOO HIGH OR TOO LOW TEMPERATURE.  
IF THE USER DOES NOT USE IT FOR A LONG TIME, PLEASE TAKE OUT THE BATTERY OF THE CAR BOTTOM AND REMOTE CONTROL,

#### POSSIBLE SITUATIONS AND SOLUTION

POSSIBLE SITUATIONS	REASON	SOLUTION
THE BARREL CAN NOT MOVE UP AND DOWN	BAD CONTACT	WIPE THE COPPER SHEET OF THE BODY AND THE MAGNETIC MODULE OF THE MECH.
LEFT AND RIGHT FLANK LIGHTS ARE NOT BRIGHT		
CAN NOT FIRE WATER BOMBS		
THE VEHICLE IS NOT UNDER CONTROL	BATTERY IS LOW	REPLACE WITH A FULLY CHARGED BATTERY
	THE WHEEL WAS CAUGHT IN A FOREIGN OBJECT	CLEAN THE WHEELS
UNABLE TO FIRE A WATER BOMB	WHEN THE PROJECTILE IS RELEASED, THE WATER BOMB JUMPS UP AND DOWN AND JUMPS OUT OF THE WATER BOMB CHAMBER	IT CAN BE OPERATED BY THE GIMBAL ROCKER TO CONTROL THE GIMBAL TO MOVE UP AND DOWN, LEFT AND RIGHT

#### BATTERY SAFETY INSTRUCTION

- A NON-RECHARGEABLE BATTERY CANNOT BE CHARGED.
- THE BATTERY MUST BE CHARGED BY AN ADULT. DO NOT ALLOW CHILDREN TO CHARGE THE BATTERY BY THEMSELVES.
- PLEASE DO NOT LEAVE WHILE CHARGING.
- IF THE BATTERY GETS HOT DURING CHARGING, PLEASE STOP CHARGING IMMEDIATELY. DO NOT MIX OLD AND NEW BATTERIES OR DIFFERENT TYPES OF BATTERIES,
- PLEASE DO NOT THROW THE BATTERY INTO THE FIRE/WATER TO AVOID ACCIDENTS.
- WHEN NOT CHARGING, UNPLUG THE CABLE AND DISCONNECT THE POWER SUPPLY.
- AFTER DRIVING, THE BATTERY TEMPERATURE IS HIGH, IT IS RECOMMENDED TO WAIT 20 MINUTES BEFORE CHARGING THE BATTERY, WHICH CAN EFFECTIVELY PROLONG THE BATTERY LIFE.
- PLEASE PAY ATTENTION TO BATTERY POLARITY WHEN INSTALLING OR REPLACING BATTERIES.
- IF THE USER DOES NOT USE IT FOR A LONG TIME, PLEASE TAKE OUT THE BATTERY OF THE CAR BOTTOM AND REMOTE CONTROL.

#### NOTICE

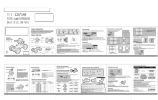
- PLEASE INSTALL AND USE THE STORM MASTER X2 CORRECTLY UNDER THE SUPERVISION OF AN ADULT.
- THE PRODUCT CONTAINS SMALL PARTS, PLEASE DO NOT INGEST.
- PLEASE DEAL WITH PACKING IN ACCORDANCE WITH LOCAL LAWS AND REGULATIONS.



**WARNING:** CHOKING HAZARD-Small parts. Not for children under 3 years.



## Documents / Resources



[SHANTOU Intelligence Interactive Robot](#) [pdf] Instruction Manual  
V997, 2AFO7-V997, 2AFO7V997, Intelligence Interactive Robot, Interactive Robot, Robot

## References

- [User Manual](#)

### Manuals+, [Privacy Policy](#)

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