



OPERATING INSTRUCTIONS

1:18

REMOTE CONTROL BATTLE TANK

BROTHER TANK

GEARS OF WAR



2.4G

● **PLEASE READ THIS MANUAL CAREFULLY BEFORE USE.**



Caution: (Operating Instructions) Please read this manual carefully before use.

This RC (radio-controlled) battle tank is not a toy. It is a tank model operated by radio signals. Its motorised air gun and plastic BB pellets are powerful, with a range of 20-30 m. Use it carefully to avoid injury, and read all the following safety precautions before use.

This tank has a built-in motorised air gun. Use it carefully to prevent injury from accidental firing or misuse!

Wear protective goggles.



Everyone in the area must wear protective goggles when shooting. BB pellets may ricochet off hard objects. (Make sure no passers-by can be injured.)

⚠ Caution: Do not shoot at people or animals.



Do not aim or fire the gun at people or animals. You may face penalties for causing bodily injury.

⚠ Caution: Do not operate the tank on roads.



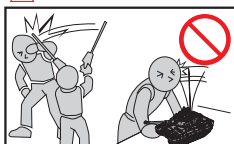
Do not operate the tank on roads, to avoid traffic accidents. Avoid puddles, sand and carpets, which may cause malfunctions.

⚠ Caution: Prevent young children from swallowing small parts.



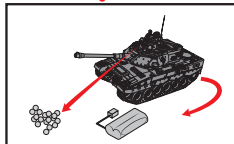
Do not give small parts or the plastic bag to young children, to prevent accidental swallowing.

⚠ Caution: Do not wave the antenna or bring it close to your face.



The antenna tip can injure your eyes. Do not wave it or bring it close to your face. If the antenna breaks, the sharp end can be extremely dangerous. Contact our after-sales service centre for a replacement (charges apply).

Set the shooting switch to OFF after use.



After use, set the main switch to OFF. 1. Set the shooting switch to OFF. 2. Remove the BB pellets. (Turn the tank upside down and pour out the remaining BB pellets.) 3. Remove the batteries. (Otherwise, they may self-discharge and leak.)

⚠ Caution: Never look into the gun muzzle.



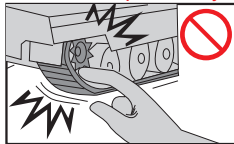
To protect your eyes, never look into the gun muzzle, whether or not it contains a BB pellet. A weak radio signal may also cause accidental firing.

⚠ Caution: Do not shoot where people or vehicles are passing.



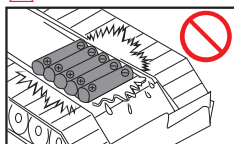
Shooting where people or vehicles are passing may put them in danger. Do not shoot in these areas.

⚠ Caution: Keep hands away from the wheels and tracks.



Keep your hands away from the wheels and tracks to avoid injury. Do not touch them while holding the tank, as accidental operation may cause injury.

⚠ Caution: Install batteries correctly to prevent burns.



Handle alkaline batteries carefully. Never install them with reversed +/- polarity. This may damage the batteries and cause leakage, with a risk of burns.



Caution: The company is not responsible for injuries or accidents caused by misuse, modification or disassembly of the product by the user. We do not repair products modified or disassembled by the user.

Do not point the gun muzzle at fragile or easily breakable objects, such as glass, electrical appliances, tableware or furniture.

Using anything other than the specified BB pellets may cause blockages.

Do not put other projectiles or objects into the pellet hatch or gun muzzle.

Keep this manual in a safe place. If it is lost, contact us to order a replacement by post.

Do not expose the tank or controller to strong sunlight. They may become deformed or stop working properly.

Immersion in water or getting wet may cause the tank or controller to malfunction. Stop using it immediately, remove all batteries and contact our after-sales service centre.

Do not disassemble or modify the product, as this may cause malfunctions or hazards.

RC Battle Tank Operating Instructions

■ Assembly tools

Caution

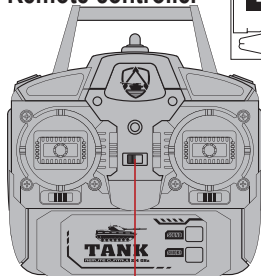
An alarm sounds when the battery is low.
Take care when using tools.
The controller uses four 1.5 V AA batteries.

Note: A warning tone sounds when the battery runs out. Recharge it promptly!

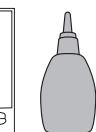
⚠ Caution: Check that the tank works correctly before fitting the accessories.

Package contents

Remote controller

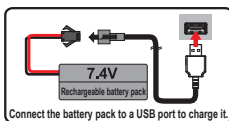
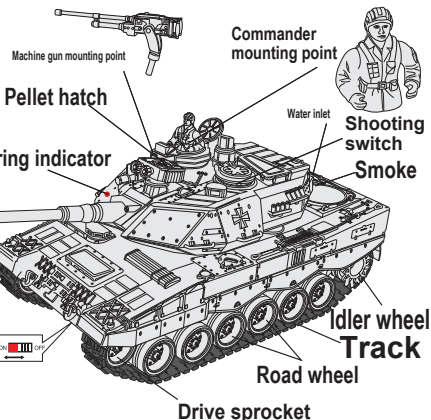


Power switch

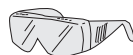


Note: Use tap water!

Tank main switch (under the body)



⚠ Wear protective goggles for safe play.



7.4 V lithium battery

● Rechargeable 7.4 V battery

⚠ Battery safety precautions.



Check that the tank works correctly before fitting the accessories.

If the tank does not work correctly, contact our after-sales service centre or the retailer you bought it from.

Caution: Once accessories have been fitted, replacing the tank may be difficult. Only repair service is available in such cases.

Warning

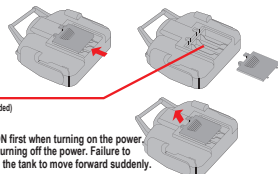
Reversed battery polarity may cause leakage or device malfunction.



Uses 4 AA batteries (not included)

1 BATTERIES (CONTROLLER)

Press PUSH on the battery cover and remove the cover at the same time. (Make sure the switch is OFF.) Install the batteries with the correct polarity.



Caution: Switch the controller ON first when turning on the power. Switch the tank OFF first when turning off the power. Failure to follow this sequence may cause the tank to move forward suddenly.

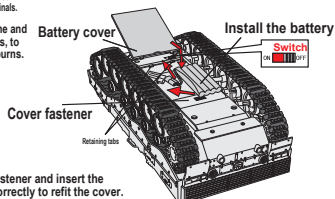
Warning

1. Take care not to injure your hands on the battery terminals.

2. Do not mix alkaline and manganese batteries, to avoid leakage and burns.

2 BATTERY (TANK)

Pull the cover fastener under the body and remove the battery cover.



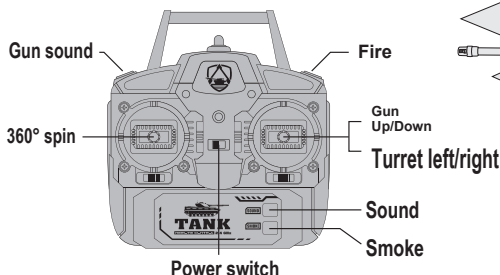
Pull the cover fastener and insert the retaining tabs correctly to refit the cover.

Caution:

- Switch the controller ON first when turning on the power. Switch the tank OFF first when turning off the power. Otherwise, the tank may malfunction and move forward suddenly.
- If the controller is too close to the tank or its antenna touches other objects, the tank may not respond correctly.

Indoor use may reduce the radio control range.

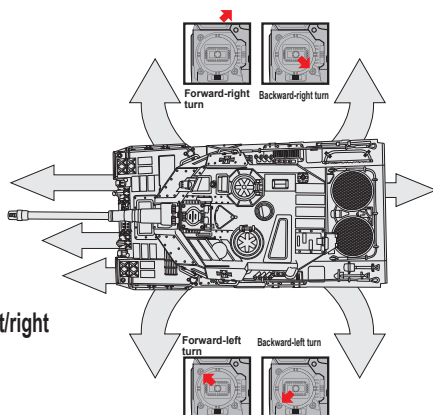
- If the tank is within 1 m of the controller, shorten the antenna.
- If the gun hits an object while moving, it may bend and become unable to fire.



3 DRIVING CONTROL

- Switch on the controller first, then the tank. (Switch them off in the reverse order.)

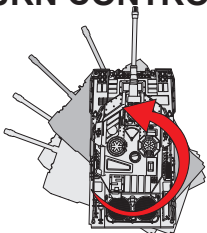
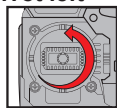
Controller functions



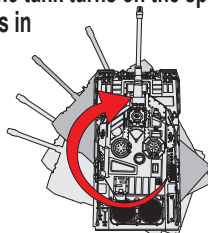
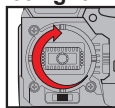
4 PIVOT TURN CONTROL

What is a pivot turn? The tank turns on the spot by driving its two tracks in opposite directions.

Pivot left



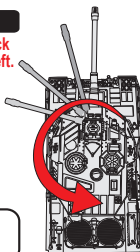
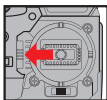
Pivot right



5 TURRET CONTROL

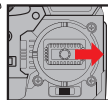
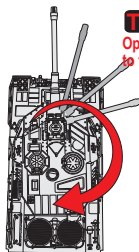
Turret left

Operate the joystick to turn the turret left.



Turret right

Operate the joystick to turn the turret right.



- ※The clutch engages when the turret reaches its rotation limit and prevents it from turning any further.

Switch on the controller first, then the tank. Switch them off in the reverse order.

⚠ Warning

Radio interference or weak control signals may cause the tank to malfunction or fire accidentally. Stop driving and shooting immediately if this happens. (Remember to switch off the switch inside the turret.)

⚠ Caution

When the turret reaches its rotation limit at the rear of the tank, the clutch engages and prevents further rotation. This is normal. Do not force the turret beyond its limit, to avoid damage.

⚠ Caution

● The RC tank has a maximum shooting range of 25 m. This may vary with shooting conditions, including the gun elevation angle and wind speed.

⚠ Caution

Keep the turret horizontal when shooting.

The turret design prevents pellets from feeding if its left or rear side is lower than the opposite side. Shooting is then impossible.

⚠ Warning

● Only shoot in a safe environment.

● Everyone in the shooting area must wear protective goggles.

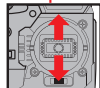
● A BB pellet may remain inside the tank even if you believe it is empty. This is dangerous, as the pellet may be fired accidentally.

● After use, refit the protective cap on the gun muzzle and turn off the main switch and the tank shooting switch.

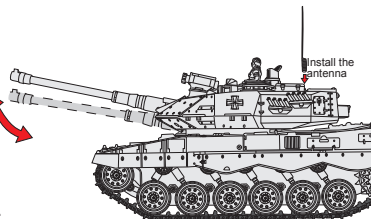
Operate the Gun Up/Down joystick.

※ Hold the joystick to move the gun continuously up and down.

Gun Up/Down



Gun Up/Down



Install the antenna

⚠ Caution

Load the BB pellets as shown in Section 6 below, then turn on the shooting switch.

※ The BB firing indicator lights up just before firing.



Press and hold Fire

⚠ Caution

The gun cannot fire when the main switch and the shooting switch inside the turret are OFF.

Tip: Combine functions to simulate the movements of a real tank.

Examples

Drive + Turret rotation + Gun Up/Down = The tank moves while the turret rotates and the gun moves up and down.

Drive + Turret rotation + BB firing = The tank moves while the turret rotates and the gun fires BB pellets.

Turn + Turret rotation + BB firing = The tank turns while the turret rotates and the gun fires BB pellets.

※ You can try other combinations of functions.

⚠ Caution Combining functions uses more battery power.

⚠ Caution

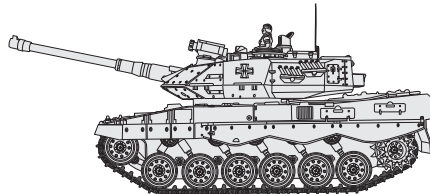
● Once fired, BB pellets become dirty and are unsuitable for reuse.

● Pellets weighing more than 0.2 g will not travel far enough.



● BB pellets with dirt or fine sand on them may block the gun barrel and damage the internal mechanism.

● Incorrect pellet loading may cause malfunctions.



○ Trajectory with Hop-Up system

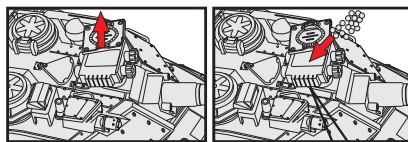
→ Trajectory without Hop-Up system

6 LOADING BB PELLETS

Open the pellet hatch and load approximately 20 BB pellets.

If a pellet jams

● Dirt or dust in the pellet hatch may prevent pellets from feeding, making shooting difficult or impossible. Turn the tank upside down with the pellet hatch facing down and shake it gently to remove the dirt or dust. If necessary, remove the turret cover and blow into the gap to clear the dirt before loading pellets.



The following unsuitable pellets may cause internal damage.

✗ BB $\varnothing > 6$ mm

✗ Eccentric BB pellet

✗ BB: uneven surface

Close the pellet hatch.

Set the shooting switch to ON. Keep the shooting switch (safety device) OFF except when shooting.



■ The pellets travel much further, as shown.

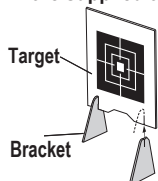
※ How the Hop-Up system works

The RC tank is equipped with a Hop-Up system.

The system gives the BB pellet strong backspin as it moves forward at high speed. This creates lift and allows it to travel further.

7 TARGET SETUP

- Enjoy shooting at the supplied target.



Caution

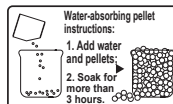
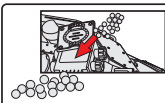
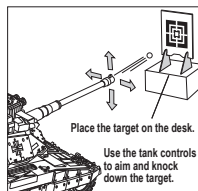
No screws are needed for assembly.

- Insert the target firmly into the slots in the supports.

Water beads/BB pellets:

Note: (1) This product is not edible;
(2) Do not heat this product. Keep it away from fire to prevent shrinking;
(3) Handle plastic bags carefully and keep them away from children.

Tips: Aim at the bull's-eye from behind the tank before shooting. Fire as you aim the gun to knock down the target.



Note: Repairs for damage caused by the following are chargeable, whether or not the warranty period is still in effect.

Warning

Caution

Ignoring these precautions may cause injury or malfunctions. Follow all instructions.

Caution: This battle tank is for indoor use only! Avoid the following types of misuse.

This tank is a precision product. Handle it carefully. Avoid impacts and keep dust, sand and stones out of the body and wheels. (The same applies to the controller.) (Otherwise, the user bears all related costs.)



Accidental drops or strong impacts damage the tank or controller.



The tank (or controller) gets wet when used in wet conditions, causing malfunctions or damage.



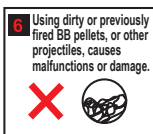
Driving on excessive sand, mud or dirt, or on uneven surfaces, causes malfunctions or damage.



Driving on carpets, lawns or other surfaces with excessive resistance causes malfunctions or damage.



Putting objects other than the specified BB pellets into the pellet hatch causes internal blockages.



Previously fired BB pellets may be dirty. Do not reuse them, to avoid damage to the tank.

7 Other malfunctions caused by ignoring the warnings or precautions in this manual.

8 Malfunctions caused by misuse (reversed battery polarity, wet parts or impacts).

9 Malfunctions caused by incorrect assembly, modification or the use of unspecified parts.

10 Malfunctions occurring during movement, from falls or from poor storage conditions.

11 Malfunctions caused by unspecified batteries. Chassis or motor damage caused by driving on surfaces with excessive resistance.

12 Other malfunctions or damage outside the scope of our warranty.

*The manufacturer does not repair products modified or disassembled by the user.

KV-2 HEAVY TANK



Install accessories



Assembled model

IS-2 HEAVY TANK

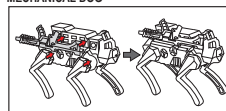


Install accessories



Assembled model

MECHANICAL DOG



DIY self-assembly