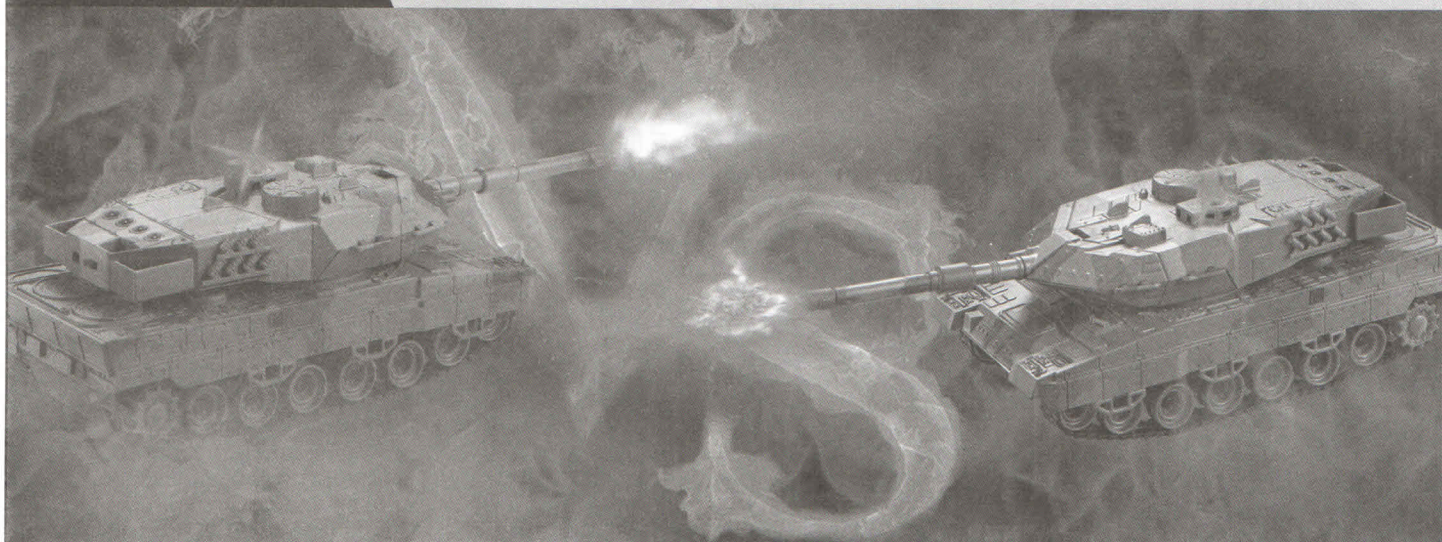




HUANQI

Instruction Manual Of Infrared Control Battle Tank

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Thank you for your purchase of our product. To ensure safety, please read this instruction manual carefully before operating and keep it in a safe place for further reference.

⚠ Caution:

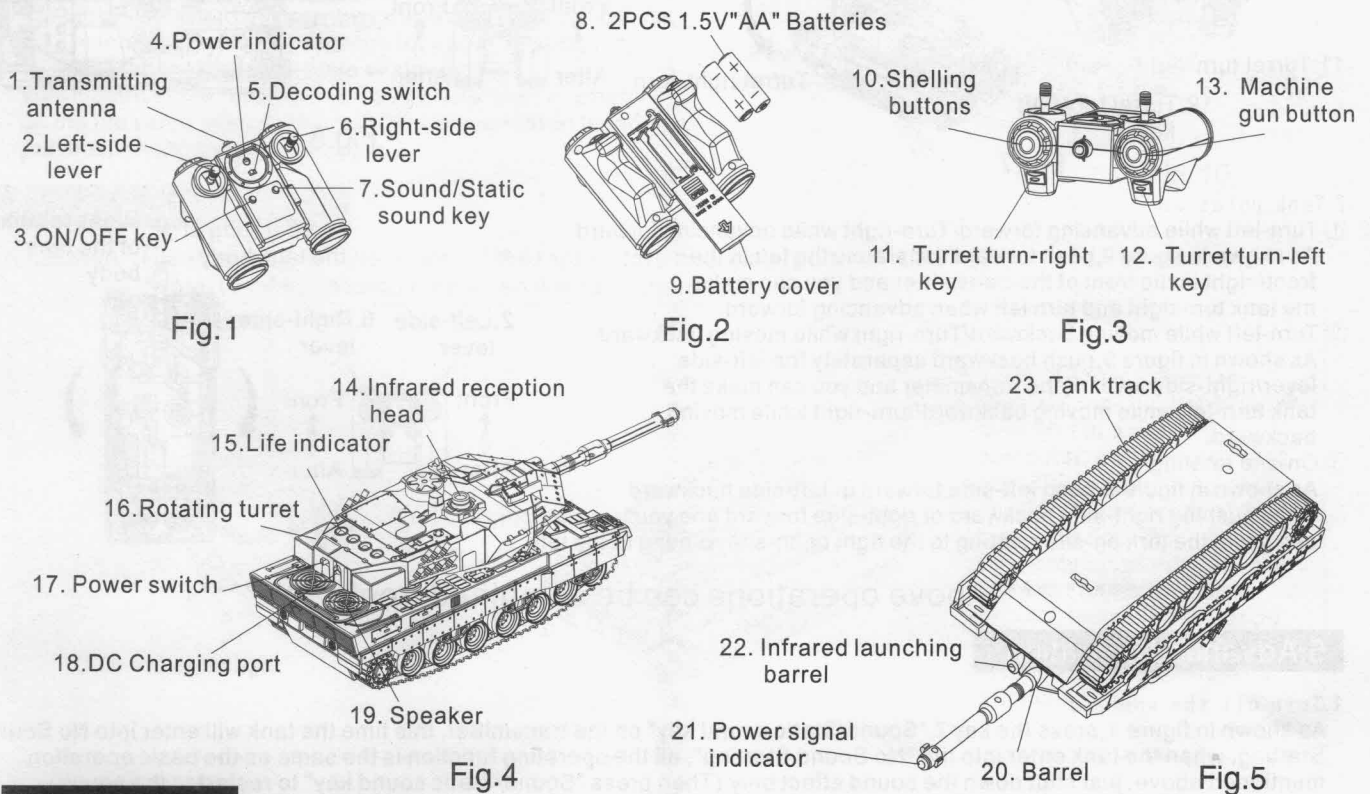
- *Please follow the instruction for installing and operating, some parts are to be installed only by adults.
- *Please operate under parental guidance.
- *Keep small parts away from children as they might be swallowed and cause choking.
- *Please throw the wrapper in time to avoid danger for children.
- *Please regularly check the charger, wire, plug, body shell and other parts. If any damage is observed, don't use it until the damage is repaired.
- *Please DO NOT touch the rotating tank caterpillar.
- *Do not operate on the road or in crowded environment to avoid danger.
- *It is recommended to operate on flat and smooth surface for longer lifetime.
- *Please avoid humidity environment because it may cause electrical failure.
- *Please stop operating if you hear thunder or see lightning.
- *Never share the same frequency with others at the same place to avoid failure or danger.
- *Only use the attached charger to charge the battery.
- *Please use appointed power source to charge the product.
- *The charger is not a toy.
- *Always disconnect the charger with the product before cleaning.
- *Do not point the antenna toward faces.
- *This toy can only be connected to the safe equipment of class II electric appliance.
- *Tanks using 3.7 V 180mAh Lithium rechargeable batteries; Transmitter using 2PCS 1.5 V "AA" non rechargeable batteries(not included).
- *Please recharge the batteries or change the batteries in time if the speed is getting slower.
- *Mind the polarity of battery when installing or changing battery.
- *Non-rechargeable batteries are not to be recharged.
- *Rechargeable batteries should only be charged under adult supervision.
- *To meet the requirement of electromagnetic environment in aviation wireless radio station, all kinds of models of the remote control are banned to use in the area with the center point of airport runway as the center and the radius of 5000 meters.
- *Do not mix different types of batteries or old and new batteries.
- *Exhausted batteries should be removed when it is not used for a long time.
- *Do not short-circuit the terminals.
- *Never short circuit the batteries, disassemble them or throw them into fire.
- *Please save this instruction manual for future reference.

1. Main parameters

Frequency: 2.4GHz
 Control distance: $\geq 8m$
 Fighting distance: $\geq 3m$

Type of batteries: 1. Tank: 3.7V 180mAh Lithium rechargeable batteries (built-in)
 2. Transmitter: 1.5V "AA" Battery X 2PCS (not included)
 Voltage range: $3V < \text{Tank} < 4.2V$; $2.4V < \text{Transmitter} < 3.2V$;

2. Name of each parts

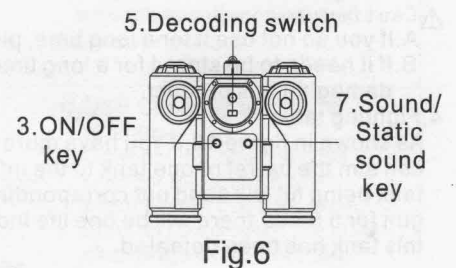


3. Instruction

- As shown in figure 2, please unfold the battery cover and install 2PCS "AA" batteries (not included) properly and then close the cover.
- As shown in figure 4, pull the "ON/OFF" of the tank to "ON" position.
- As shown in figure 1, open the decoding switch of the transmitter (the indicator will be flashing), and the light will turn off after successfully decoding.
- Then press the "ON/OFF" button of the transmitter. Place the tank on the appropriate flat ground surface and ready for operation.

4. Basic operation

- Decoding switch**
 As shown in figure 6, open the decoding switch and it will automatically tune when the indicator light is on, and the light will turn off after successfully decoding.
- ON/OFF key**
 As shown in figure 6, press the key 3 "ON/OFF" on the transmitter, it will send out electronic igniting sound, then the tank is started and send out idling sound, please make sure you can operate other function only when all the four life value indicators are completely ON. When the tank is started, press "ON/OFF" key on the transmitter once again and you can switch off the power of the tank.



⚠ Caution:
 Please do not rotate the turret of the tank by force so as not to cause damaged to the inner part.

- Cannon key**
 As shown in figure 7, when starting the power of the tank, press the key 10 "Cannon Key" on the transmitter and the tank will send out cannon sound. With cannon sound, the tank will make the corresponding action.
- Machine gun key**
 As shown in figure 7, when the tank is started, press the key 13 "Machine gun key" on the transmitter, the tank will send out firing sound, the cannon indicator will be flashing with the machine gun sound.
- Turret left-turn key/Turret right-turn key**
 As shown in figure 7, press down the key 11/key 12 "Turret right-turn key/Turret left-turn key" on the transmitter and you can make the turret rotate to the right or to the left.

6. Tank forward/backward

As shown in figure 8, push forward and backward the left-side lever and the right-side lever in the same time and you can push the tank forward/backward and it will send out sound of travelling tank.

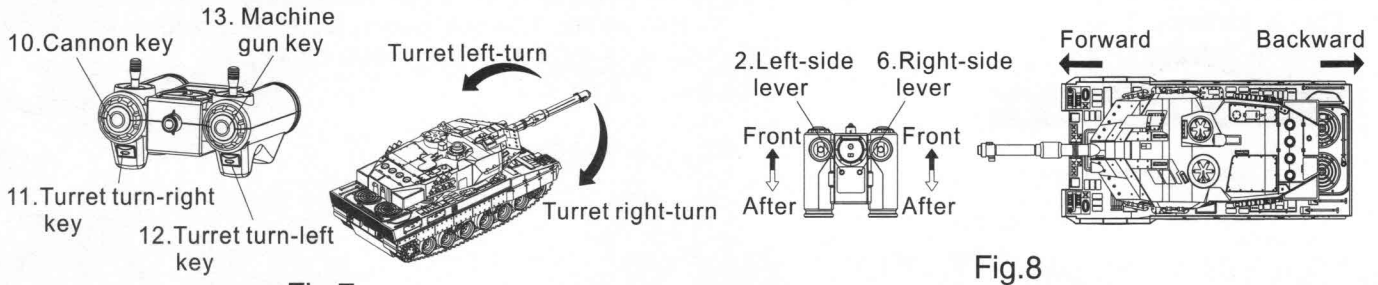


Fig.7

Fig.8

7. Tank rotation

① Turn-left while advancing forward/Turn-right while advancing forward

As shown in figure 9, push forward separately the left in the front/ right in the front of the transmitter and you can make the tank turn right and turn left when advancing forward.

② Turn-left while moving backward/Turn-right while moving backward

As shown in figure 9, push backward separately the left-side lever/right-side lever of the transmitter and you can make the tank turn-left while moving backward/turn-right while moving backward.

③ On-site rotating

As shown in figure 9, push left-side forward or left-side backward while pushing right-side backward or right-side forward and you can make the turn on-site rotating to the right or on-site rotating to the left.

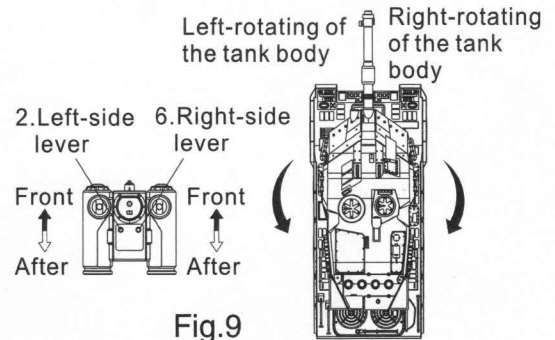


Fig.9

***** Above operations can be combined freely *****

5. Advanced operation

1. Turn off the speaker

As shown in figure 1, press the key 7 "Sound/Static sound key" on the transmitter, this time the tank will enter into No Sound Starting, when the tank enter into the "No Sound Starting", all the operating function is the same as the basic operation mentioned above, just shut down the sound effect only. (Then press "Sound/Static sound key" to restart to the sound)

2. Demonstrating functions

If you do not operate the transmitter, the tank will automatically enter into the DEMO state after around 10 seconds no matter the tank is started without sound or with sound. The tank can simulate any basic function in real practice.

△ Caution:

A. During the course of the Demonstration, if the tank can receive the effective signal, the tank will exit from the Demonstration function automatically and then conduct the corresponding action by following the effective signal it has received.

B. If there is any other signal interfering during the course of demonstration, the tank may exit from the demonstration function.

3. Auto shut off

When the tank is started without sound or with sound, however, if it still can't receive any effective signal within 4 minutes, the tank will automatically enter into standby state. You can directly use the transmitter to start it when it is in the state of standby.

△ Caution:

A. If you do not use it for a long time, please pull the ON/OFF power switch of the tank to "OFF" position.

B. If it needs to be stored for a long time, please remove the batteries in the transmitter to prevent the battery leakage from damaging this product.

4. Fighting tank

As shown in figure 10, if you have more than 2 infrared control battling tank (with different frequencies) in the same time, you can aim the barrel of one tank to the infrared receiving end of another tank and quickly launch the cannon or fire the gun, the tank being hit will send out corresponding pitiful yell with the light flashing. Every time it is hit for one time or being hit by the gun for 5 times, there will be one life indicator OFF and takes turn until all the life indicators are OFF. This time shows that this tank has been defeated.

6. Instruction on life value indicator

1. When starting, with the starting sound, life value indicator D1, D2, D3, D4 will be ON successively, when the four life value indicators are all ON, the tank will send out sound of "du", that means the tank is in the very good fighting state. When starting, please note that only when all the four indicators D1, D2, D3, D4 are ON can you conduct any other actions.
2. One life value indicator will be OFF when it is hit by cannon for one time or hit by machine gun for 5 times. The OFF sequence will be from D1 to D4 one by one. If all the life value indicators are OFF, that means the tank is defeated.
3. When the tank gets hit by the cannon bullet or the machine gun bullet, the D4 life value indicator will be flashing, when the D4 life value indicator is in the state of flashing, the tank won't get hit by your opponent, only when the D4 life value indicator stop flashing can the tank be easily hit by your opponent.

4. When the life value indicator D1, D2 are OFF, the machine gun of the tank will be damaged and can not be used, therefore you can only shoot the cannon bullet.
5. When the life value indicator D1, D2, D3 are OFF, not only your machine gun can not be used but your turret will be damaged and can not make rotating, however, you can still shoot the cannon bullet.
6. When all the life value indicators are OFF, that means the tank is defeated. (When the tank is defeated, D1, D2, D3, D4 indicator will keep flashing for about 30 seconds, this time the tank is in the state of simulating self-maintenance, this time you can not re-start it, when all the life value indicators are OFF can you restart it and join the fighting game once again.)

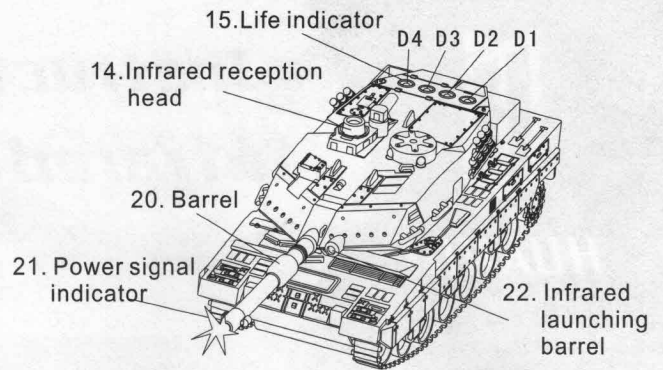
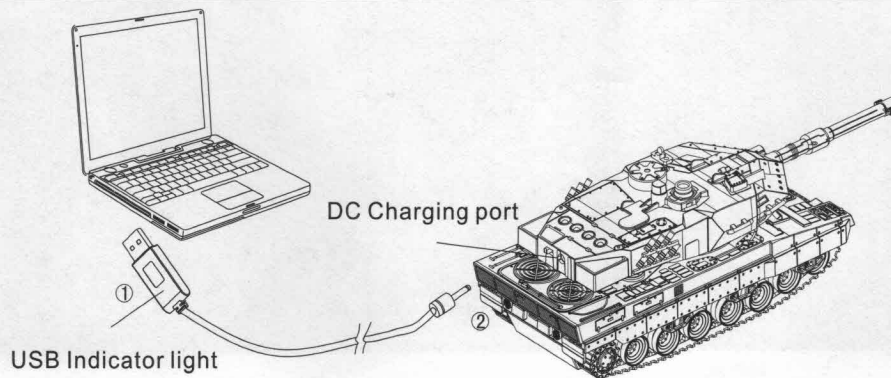


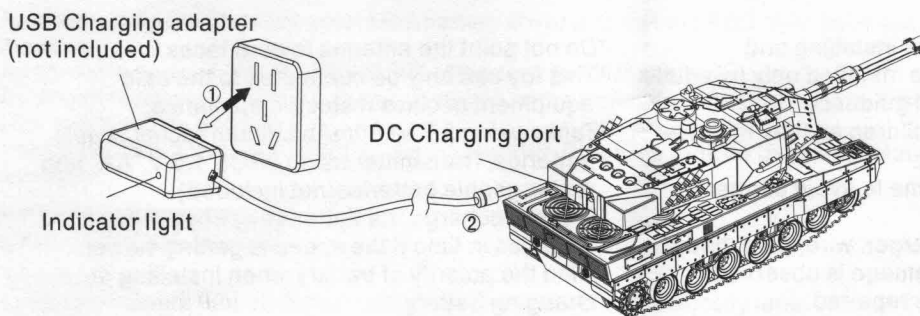
Fig.10

7. Charging instruction

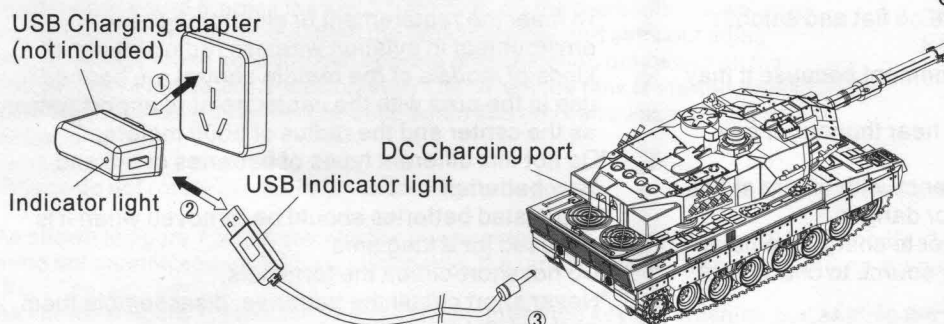
⚠ Caution: Please switch off the power of the tank before charging (pull it to "OFF" state). It can be played for about 10 minutes each time when it is fully charged.



A. USB Charger to charge:
Connect the USB cable to the USB port of a working computer, and then connect the USB charging plug with the DC charging port of the tank. This time the indicator will lights up, after about 100 minutes, the indicator will turn off, indicating charging is finished. Please disconnect all connections after charging.



B. Charging adapter to recharge:
Insert the charging adaptor into the assigned power socket. Finally please connect the charging wire with the DC charging port of the tank. This time the USB charging indicator will be ON. If the indicator is OFF after being charged for about 100 minutes, which represents the charging process is finished. This time please disconnect all the connections.



C. USB Charging adapter to recharge:
Connect the original USB charger included in this product with the USB charging adaptor, then insert the USB charging adaptor into the assigned power socket, finally please connect the USB charging plug with the DC charging port of the tank. This time the USB charging indicator will be ON. If the indicator is OFF after being charged for about 100 minutes, which represents the charging process is finished. This time please disconnect all the connections.