Instruction Manual of Bluetooth Battle Tank

HUANQI **H500**

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 life time.
*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.
*Charger is not a toy.
* When cleaning, please disconnect this product from the charger first.
*Do not point the antenna toward faces.
*Tank is use 3.7V lithium battery（built-in）.
*Please recharge 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.
*Do not mix different types of batteries or old and new batteries.
*This toy can only be connected to the safe equipment of Class II electric appliance.
*Do not short-circuit the terminals.
*Luminous diode, do not look at the light beam directly.
*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.
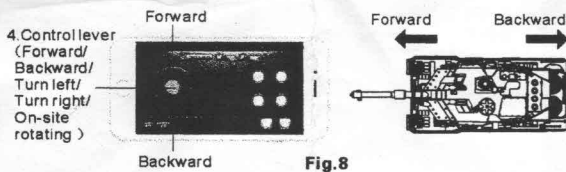
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Forward / Backward

4.Control lever
(Forward/
Backward/
Turn left/
Turn right/
On-site
rotating)

Forward   Backward

Fig.8

5.Tank turn left/turn right/On-site rotating
①Tank turn left/turn right
As shown in figure 9,click the key 4 "**Control lever**" on the control interface of the mobile, push the round ball in the middle to the left or to the right (When the round ball in the middle fail to reach the edge of the control lever), you can let the tank turn to the right or to the left while sending out running sound.
②On-site rotating
As shown in figure 9,click the key 4 "**Control lever**" on the control interface of the mobile, push the round ball in the middle to the left or to the right (when the round ball in the middle reaching the edge of the control lever), you can let the tank make on-site spinning to the right or to the left while sending out running sound.

6.Bullet-loading key
①Bullet-loading key
As shown in figure 9,when the bullet number in the machine gun is shown as "**0**", you are required to press the key 9 "**Bullet-loading key**"to load the bullets till full and it will send out bullet loading sound in the same time.
①Cannonball-loading Key
As shown in figure 9,If the Cannonball number is shown as "**0**", you are required to press the key 10 "**Cannonball-loading key**"to load the cannon-balls till full and it will send out cannonballs loading sound in the same time.
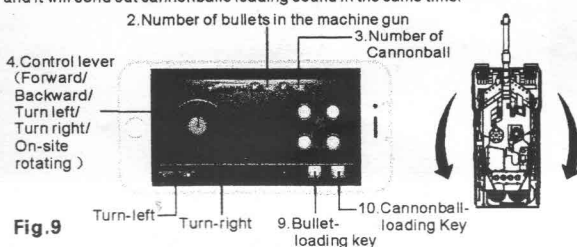

2.Number of bullets in the machine gun
3.Number of Cannonball

4.Control lever
(Forward/
Backward/
Turn left/
Turn right/
On-site
rotating)

Fig.9   Turn-left   Turn-right   9.Bullet-loading key   10.Cannonball-loading Key

******Above operations can be combined freely******
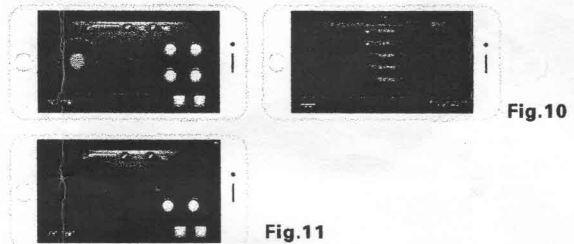
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6.Advanced operation

Fig.10

Fig.11

1.Mobile Gravity-Induction Remote Control
As shown in figure 10,click the "**Setting**" key at the down left corner of the control interface on the mobile to access into the Functional Setting Window, click the "**Gravity Control**"and then click the "**Return**" key at the down left corner to access into the Mobile Gravity-Induction Control (please do put your mobile in a level as much as possible).
Operating Instruction on Gravity-Induction Control
①. As shown in figure 11,when tilting your mobile to the left or to the right (or form the angle with the level ground) for more than 30 degree, the tank will forward or backward.
②.As shown in figure 11,when tilting your mobile to the left or to the right (or form the angle with the level ground) for about 30~50 degree, the tank will turn left or turn right.
③.As shown in figure 11,when tilting your mobile to the left or to the right (or form the angle with the level ground) for more than 50 degree, the tank will make on-site spinning to the left or to the right.
④.As shown in figure 11,click the left side of the control interface by hand, and then slide to the left or to the right, the cannon will be rotating to the left or to the right.
⑤.Other functions are the same as the ordinary operation.

2.Turn off the speaker
As shown in figure 10,click the "**Setting**"key at the down left corner of the control interface of the mobile to access into the Functional Setting Window, click "**Mobile Sound**" (selecting the black dot in front of the "Mobile sound"), and then click the "**Return**" key at the down left corner to enter into the state of Static Sound. (If selecting orange in front of the "**Mobile Sound**", then it will enter into the Sound State when clicking the "**Return**" key.)

3.Demonstrating functions
When the mobile is connected with the tank, the mobile will access into the

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*When you do not play it, please switch off the tank.
*Never short circuit the batteries, disassemble them or throw them into fire.
*Please save this instruction manual for future reference.

1.Main parameters

Frequency：Bluetooth
Control distance：about 10m
Fighting distance：≥3m
Product configuration：Bluetooth tank (1)/ USBCharging box component(1)/ Instruction manual (1)
Type of batteries：Tank：3.7V lithium battery（built-in）
Voltage range：3V<Tank<4.8V

2.Instruction on Software Installation

Please use your mobile to scan the "QR Code" in the front of the color box (For android, it requires system 4.3+, not include system 4.3. For Apple, it requires system of Apple 4+, not include Apple 4) to access into the software installation interface, and then click the icon [ ] on the Android mobile to install the software, or use apple mobile to click the icon [ ] to install the software. When the software installation is finished, the icon "HuangQi Tank" will be shown on your mobile screen.

Software installation
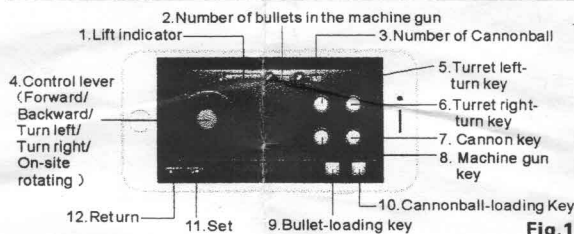
3.Name of each parts(not included Mobile phone)

2.Number of bullets in the machine gun
1.Lift indicator
3.Number of Cannonball
5.Turret left-turn key
4.Control lever（Forward/ Backward/ Turn left/ Turn right/ On-site rotating ）
6.Turret right-turn key
7. Cannon key
8. Machine gun key
10.Cannonball-loading Key
12.Return
11.Set
9.Bullet-loading key
Fig.1

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13. Life indicator 14. Rotating turret

15.Infrared reception head
16.Barrel
19.Power switch
20.Tank caterpillar
17. Power signal indicator
Fig.2
18.Infrared launching head
21.Speaker
22.DC Charging port
Fig.3

4.Instruction

1.As shown in figure 3, pull the ON/OFF of the tank to "ON "position, the power signal indicator and 2 Life Indicators will be flashing ON.
2.As shown in figure 4, open the software in the mobile, and then click the "START ", the mobile will automatically search the tanks nearby (please make sure that the Bluetooth function is in the state of "ON ".)
3.As shown in figure 5, when the tank is searched, there will be one bright spot flashing on the screen of the mobile (if there are more tanks are searched, there will be more little bright spots flashing "ON "), this time you can click to skip or wait for some seconds to skip automatically.
4.As shown in figure 6, click "Tank 1 " [ ] (If more tanks are scanned, you can click either of the tank), wait until the "Disconnected " under the icon turns into "Connected ", please click "START " to access into the operation interface.
Notice：If there are more tanks are played in the same time, it requires each tank to be connected separately rather than connecting them in the same time.

Fig.4

Fig.5

3

Control Interface, the tank will start and the life indicators will be ON successively. If you can not receive the signal after about 10 seconds, you do not have to use mobile to control it, the tank will enter into Functional Auto DEMO, the tank making AUTO-DEMO can imitate the basic function in the real operation. Click either key on the Control Interface of the mobile by hand, the tank will switch from the Auto Function DEMO into the Battle Mode.
⚠Notice：
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. If there is any other signal interfering during the course of demonstration, the tank may exit from the demonstration function.
4.Auto shut off
When the mobile is disconnected with the tank, the life indicator D1, D4 will be flashing. If it fails to be re-connected within 2 minutes, the tank will automatically enter into the Standby State. This time you need to switch off the power of the tank, and then switch on the power of the tank once again in order to connect with the mobile.
⚠Notice：
If you do not use it for a long time, please pull the ON/OFF power switch of the tank to "OFF" position.
5. Fighting tank
As shown in figure 12, if you have 2 or more than 2 tanks (with different frequencies) for operating, you can initiate the high-simulation battle. During the process of real operation, please aim the barrel of the cannon to the IR receiver of another tank and quickly launch the cannon or launch the machine gun, the mobile of your opponent will send out the corresponding screaming sound with shock and also have some actions with flashing light effect. Each time the tank of your opponent is hit by the cannonball for 1 time or being hit by the bullet of the machine gun for 5 times, 1 life indicator will be OFF and shown on the control interface. Following like this, the game will continue until all the life indicators are OFF, which represents this tank is defeated.

7.Instruction on life value indicator

1.When starting, four life indicators D1, D2, D3, D4 will be ON successively with the starting sound. When your mobile sends out idling sound, it represents your tank is under the good fighting state; Please pay more attention that only when all the life indicators D1, D2,D3,D4 are all "ON" can you carry out other actions.
2.When the tank gets hit for one time, one life value indicator will be OFF. The sequence of turning off will start from D1 to D4 and will be OFF in this sequence. If all the life value indicators are all OFF, that means this 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.
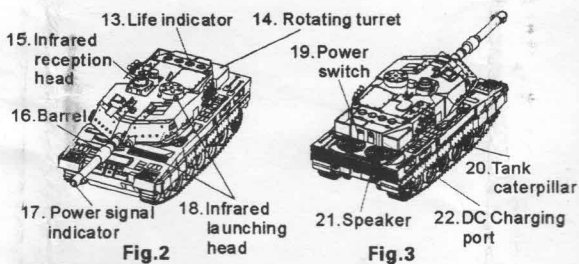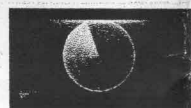
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4.When all the life value indicators are OFF, that means the tank is defeated. (When the tank is defeated, D1, D2,D3,D4 indicator will keep flashing for about 30 seconds, this time the tank is in the state of simulating self-maintenance, this time 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.)
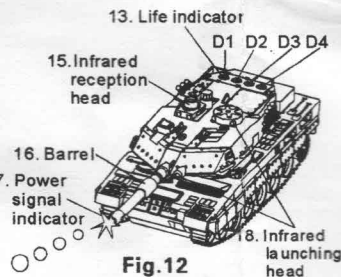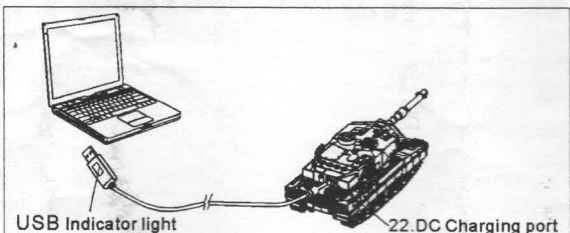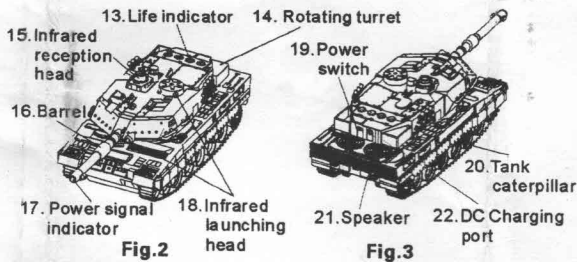

13. Life indicator
D1 D2 D3 D4
15.Infrared reception head
16. Barrel
17. Power signal indicator
Fig.12
18. Infrared launching head

8.Charging instruction

⚠Notice: Please switch off the power of the tank before charging (pull it to "OFF" state).
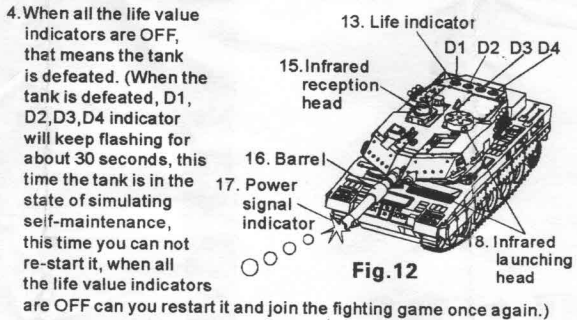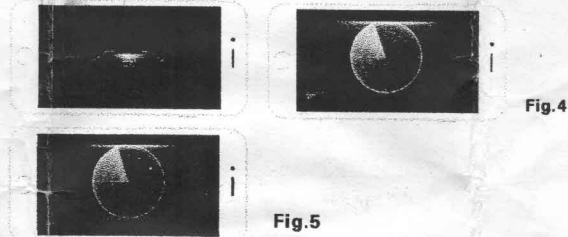

USB Indicator light
22.DC Charging port

A.Charging of the USB charger:
Please connect the USB cable to the USB port of a working computer . Then connect the USB cable with the tank and the indicator will turn to ON. After about 40 minutes, the indicator will be OFF, indicating charging is finished. Please disconnect all connections after charging.
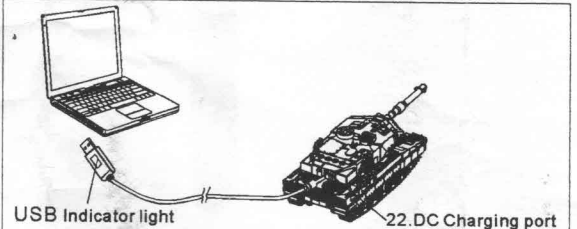
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15. Infrared reception head
13. Life indicator
14. Rotating turret
19. Power switch
16. Barrel
20. Tank caterpillar
17. Power signal indicator
18. Infrared launching head
21. Speaker
22. DC Charging port

Fig.2

Fig.3

Fig.6

4. Instruction

1. As shown in figure 3, pull the ON/OFF of the tank to "ON" position, the power signal indicator and 2 Life Indicators will be flashing ON.
2. As shown in figure 4, open the software in the mobile, and then click the "START", the mobile will automatically search the tanks nearby (please make sure that the Bluetooth function is in the state of "ON".)
3. As shown in figure 5, when the tank is searched, there will be one bright spot flashing on the screen of the mobile (if there are more tanks are searched, there will be more little bright spots flashing "ON"), this time you can click to skip or wait for some seconds to skip automatically.
4. As shown in figure 6, click "Tank 1 " ▬▬▬ (If more tanks are scanned, you can click either of the tank), wait until the "Disconnected" under the icon turns into "Connected ", please click "START" to access into the operation interface.

Notice: If there are more tanks are played in the same time, it requires each tank to be connected separately rather than connecting them in the same time.
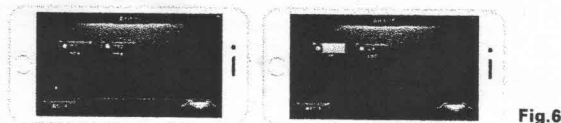
Fig.4

Fig.5

5. Basic operation on how to use the mobile for remote-controlling

1.Turret right-turn /Turret left-turn
As shown in figure 7, please click the key 6/key5 "**Turret turn-right** ◯/**Turre turn-left** ◯ "on the control interface of the mobile to turn the turret to the right or make left rotation and the tank will send out rotating sound with turret rotating.

2.Cannon key
As shown in figure 7, when starting the tank, please click the key 7 "**Cannon key** ◯ "on the control interface of the mobile, the tank will send out Cannon sound and make corresponding action with the launching sound of the canno

3.Machine gun key
As shown in figure 7, when the tank is started, please click the key 8 " **Machin gun key** ◯ "on the control interface of the mobile, the tank will send out shooting sound of the machine gun, the indicator of the cannon will be flashir with the shooting sound of the machine gun.

4.Tank forward/backward
As shown in figure 8, click the key 4 "**Control Lever**"on the control interface, push the round ball in the middle to forward or backward, you can make the tank run forward or backward while sending out running sound.

5. Turret left-turn **6.** Turret right-turn

Turret left-turn

7. Cannon key
8. Machine gun key

Turret right-tur

Fig.7

4. 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.)

13. Life indicator
D1 D2 D3 D4
15. Infrared reception head
16. Barrel
17. Power signal indicator
18. Infrared launching head

Fig.12

8. Charging instruction

⚠**Notice:** Please switch off the power of the tank before charging (pull it to "OFF" state).

USB Indicator light
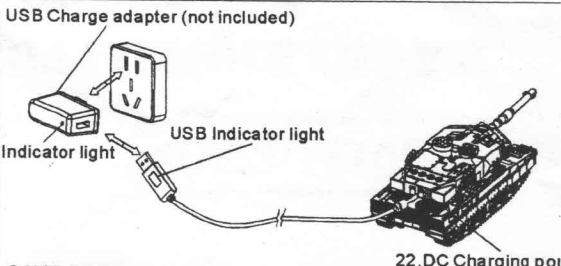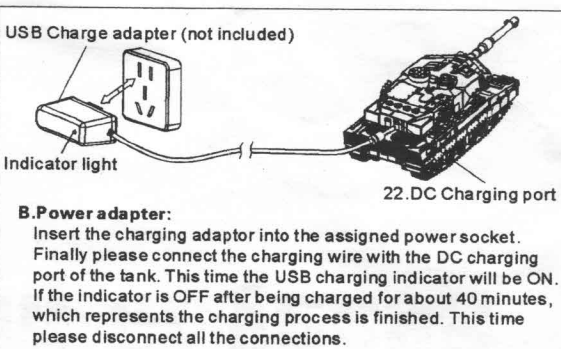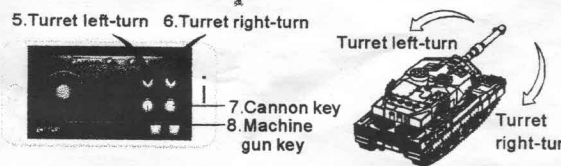**22.** DC Charging port

A.Charging of the USB charger:
Please connect the USB cable to the USB port of a working computer . Then connect the USB cable with the tank and the indicator will turn to ON. After about 40 minutes, the indicator will be OFF, indicating charging is finished. Please disconnect all connections after charging.

USB Charge adapter (not included)
Indicator light
22. DC Charging port

B.Power adapter:
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 40 minutes, which represents the charging process is finished. This time please disconnect all the connections.

USB Charge adapter (not included)
Indicator light
USB Indicator light
22. DC Charging por

C.USB Power adapter:
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 40 minutes, which represents the charging process is finished. This time please disconnect all the connections.