

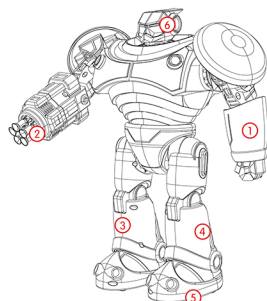
DEFENDER



*Please read the user manual carefully before operation and keep the manual in proper place for future reference.

Know Your Defender

DEFENDER, the remote control intelligent combat robot, can mimic human actions, such as walking, sliding, doing a 360-degree rotation and dancing at your command through the remote control. It can also attempt to launch missiles from multiple directions, thus creating great fun in head-to-head combat gameplay.



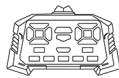
- | | |
|-----------------|---------------------------|
| ① Flexible arms | ④ Left leg |
| ② Shoot | ⑤ Foot wheels |
| ③ Right leg | ⑥ Blinking LED eye lights |

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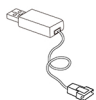
Accessory List



Robot*1
(Battery included)



Remote Control*1



USB Charging Cable *1



Missiles*8



User Manual*1

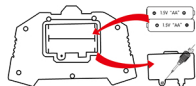
Notes:

Please check the list of accessories. If you find any component missing, please contact the retailer for exchange with your receipt.

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Battery Assembling and Charging

1. Battery Assembling for Remote Control

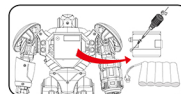


Open the battery cover, and insert the two AA batteries (not included) and ensure the polarity symbols on the batteries match the symbols inside the battery compartment.

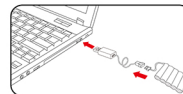
Notes:

1. Ensure the polarity symbols on the batteries match the symbols inside the battery compartment.
2. Do not mix new and old batteries.
3. Do not mix different types of batteries.

2. Battery Charging for Robot



A. Open the battery cover on robot's back, and take out the 4.8V battery.



B. Connect the USB charger with USB charging interface.

Option One



Connect with USB interface of computer.

Option Two



Connect with USB interface of portable charger.

Option Three



Connect with USB interface of USB charging plug.

Notes:

Charging duration: 150 minutes; Game duration: 20 minutes; Control distance: 6-8 meters.

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▲ Attention to Battery Usage

- There is a certain risk when using lithium battery. It may cause fire, body injury or property loss. Users must be aware of the risks of using this product. Manufacturers, retailers and dealers do not bear any responsibility once accidents occur.
- If battery leakage occurs, please avoid contacting your eyes and skin with electrolyte. Once it happens, please wash your eyes with clean water and seek medical care immediately. Please remove the plug immediately if you sense any peculiar smell, noise or smog.

Charging

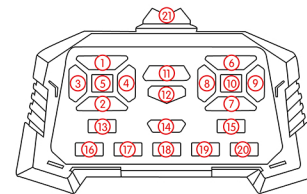
- Please use the charger from original factory to ensure your safe usage.
- Do not charge the dilutant or outborn battery.
- Do not overcharge the battery. Please pull out the charger once the battery is fully charged.
- Do not charge the battery next to inflammables, such as carpet, timber floor or wood furniture or on the surface of electro-conductive objects. Please always keep an eye on the battery when charging.
- Do not charge the battery next to inflammables or on the surface of electro-conductive objects. When charging please observe the battery at all times.
- Do not charge batteries which is not cool down yet.
- The charging temperature should be between 0°C to 40°C.

•Recycle

This equipment is composed of electronic elements and batteries. For electronics garbage, please dispose them according to the special requirements.

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Know Your Remote Control



- | | | |
|------------------------|------------------------|--------------------|
| ① Slide forward | ⑧ Walk-left turn | ⑮ Volume - |
| ② Slide backward | ⑨ Walk-right turn | ⑯ Combat |
| ③ Slide-left turn | ⑩ Walking speed switch | ⑰ Right arm up |
| ④ Slide-right turn | ⑪ Display | ⑱ Launch |
| ⑤ Sliding speed switch | ⑫ Program | ⑲ Right arm down |
| ⑥ Walk forward | ⑬ Volume + | ⑳ Dance |
| ⑦ Walk backward | ⑭ Stop | ㉑ Infrared emitter |

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Control Your Robot

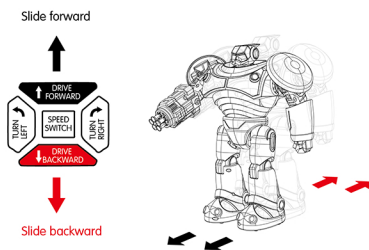
1. Turn On/Off

Press the power switch up or down on the robot's back to turn on or turn off under sleep mode.

2. Standby Mode

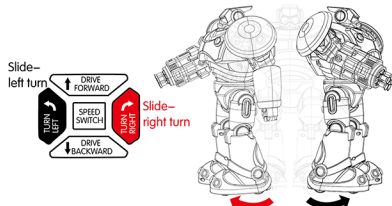
The robot would automatically go into standby mode after 10 seconds of inactivity. And if inactivated for 60 seconds, the robot would spin in a circle; if inactivated for 200 seconds, the robot would turn off.

3. Slide Forward/ Backward

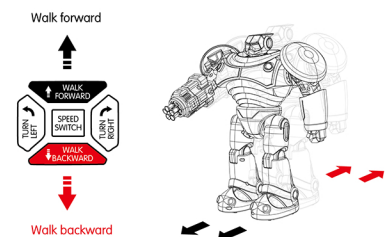


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4. Slide-Left/ Right Turn

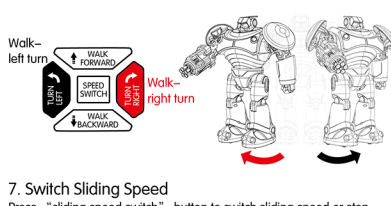


5. Walk Forward/ Backward



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6. Walk- Left/ Right Turn



7. Switch Sliding Speed

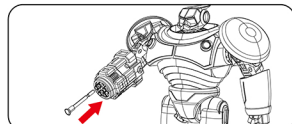
Press "sliding speed switch" button to switch sliding speed or stop sliding (forward/ backward/ turn left/ turn right), and press again to return to previous state of speed and movement.

8. Switch Walking Speed

Press "walking speed switch" button to switch speed of walking forward and/ or backward, or stop walking (forward/ backward/ turn left/ turn right), and press again to return to previous state of speed and movement.

9. Installing Missiles

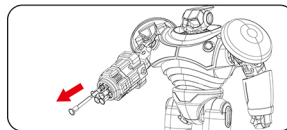
Install the missiles on the robot's right arm in accordance with the arrow's instructions.



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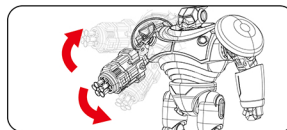
10. Launching

At the command of "launch", the robot would raise right arm and execute the command. After the missiles have been launched, it would then withdraw arm.



11. Right Arm Up/ Down

There are six joints in the right arm. The robot would move its right arm up and/ or down at the command of "right arm up and/ or down", and continues to execute the command till the joints are in the right place.



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13. Display

Press "display" button to start: slide forward, slide backward, walk forward, walk backward, turn left, turn right, stretch right arm, raise arm, launch missiles, withdraw right arm.

14. Stop

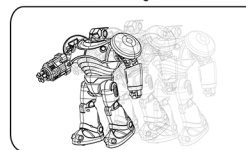
Press "stop" button to a complete halt and go into standby mode.

15. Program

Press "program" button to start. Users can create up to 50 variations of programs. When completing program settings, press "program" button again, and the robot would replay the programmed actions one by one.

16. Dance

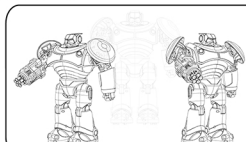
Press "dance" button to turn dancing mode on.



17. Combat

Users can program up to 3 combat modes with sound and light effects.

- ① Fundamental Combat Mode: Triple sliding forward, slide-left turn, slide forward, raise arm, withdraw arm.
- ② Escalated Combat Mode: Slide forward, slide-right turn whilst raising arm and slide-right turn again, slide-left turn in a circle, withdraw arm.
- ③ Advanced Combat Mode: Raise arm, withdraw arm, slide forward, raise arm, slide-left turn, slide-right turn in a circle whilst slide-left turn, raise arm, withdraw arm.



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Technical Support

Dear JIRC Users,

Thanks for purchasing JIRC products. Should you have any problems in using our products, please see more information at our official website.

If you have problems at:

Operation: Please watch tutorial videos or read user manuals.

Function: Please watch product videos, go through product details on product pages or user manuals.

Service: Please read the customer service policies.

If you still have questions after trying the above solutions, please leave a message on our website with descriptions of your unsolved problems. We will try to reply to you as soon as possible.

Thanks again for your support!

JIANJIAN TECHNOLOGY CO., LTD.
www.jirc-tech.com

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