**DEFEENDER**

**Know Your Defender**

DEFENDER, the remote control intelligent情感 robot, can mimic human emotions, such as walking, smiling, dinging a 5-degree head rotation, and dancing at your command through the remote control. It can also set up to launch missiles from multiple directions, thus creating great fun in head-to-head combat games.

**Accessory List**

- Robot (Battery Included)
- Remote Control
- USB Charging Cable
- Missile
- User Manual

**Battery Assembling and Charging**

1. **Battery Assembling for Remote Control**

   Open the battery cover, and insert the two 7.4V batteries (not included), and then screw the outer cover on the batteries match the symbols inside the battery compartment.

2. **Battery Charging for Robot**

   - A. Connect the inner cable switch, and take out the 4 batteries.
   - B. Connect the USB charging plug.

**Notes:**

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

**Attention to Battery Usage**

1. There is a certain risk when using lithium batteries. It may cause fire, bodily injury, or property loss. Users must be aware of the risks of using this product. Manufacturers, retailers and dealers do not have any responsibility for accidents occurring.

2. Battery leakage occurs, please avoid contacting your eyes and skin with electrolyte. Once happened, please wash your eyes with clean water and seek medical care immediately. Please remove the plug immediately. If you sense any peculiar smell, taste, or smell.

- Charging:
  - Please use the charger from original factory to ensure your safety.
  - Do not charge the battery in direct light or ultraviolet light.
  - Do not overcharge the battery. Please pull out the charger once the battery is fully charged.
  - Do not charge the battery, and do not store batteries, such as a heater, power source or other objects on the surface of battery over 120°C objects.
  - Do not charge batteries which are not cool down yet.
  - The charging temperature should be between 10°C to 40°C.

**Technical Support**

Dear JRC Users,

Thank you for purchasing JRC products. Should you have any problems in using our products, please see more information of our official websites.

If you have problems at:

- Operation: Please watch tutorial videos or read user manuals.
- Function: Please test 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 and we will address your questions as soon as possible.

Thanks again for your support!

JBC TECHNOLOGY CO., LTD.
www.jrc-tech.com

**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 the robot.

2. **Steady Mode**

   The robot would automatically go into steady mode after 16 seconds of inactivity. And it weakened for 60 seconds, then the robot would spin in a circle; if weakened for 600 seconds, the robot would turn off.

3. **Slide Forward/ Backward**

4. **Slide-Left/ Right Turn**

5. **Walk Forward/ Backward**

6. **Walk-Left/ Right Turn**

7. **Switch Sliding Speed**

   Press “sliding speed switch” button to switch sliding speed or stop sliding forward/ backward (robot’s turn left/right hand) 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 (robot’s turn left/right hand) 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 owner’s instructions.

10. **Launching**

    When the command “Launch”, the robot would rotate right arm and execute the command. After the missiles have been launched, it would then withdraw arm.

11. **Right Arm Up/ Down**

    There are two joints in the right arm. The robot would move its right arm up and down at the command “right arm up/down” and continue to execute the command till the limbs are in the right place.

12. **Display**

    Press “display” button to display and slide backward, walk forward, walk backward, with left hand, turn left, turn right, stretch right arm, raise arm, branch missiles, withdraw right arm.

13. **Stop**

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

14. **Program**

    Press “program” button to draw. Users can create up to 50 variations of programs. When completing program settings, press “program” button again, the robot would operate the programmed actions one by one.

15. **Dance**

    Press “dance” button to turn dancing mode.

16. **Cantell**

    Users can program up to 3 combat modes with sound and light effects:
    - Forward Control Mode: Robot’s sliding forward, slide-left, slide-right, down, withdraw arm, withdraw arm.
    - Accelerated Control Mode: Slide/ slide-left, slide-right, forward, backward, slide-left, slide-right turn in a circle while raising arm.
    - Advanced Control Mode: Slide/ slide-left, slide-right, forward, backward, slide-left, slide-right turn in a circle while raising arm.

17. **Volume Control**

    Users can control the output volume by adjusting the volume knob.

18. **Infrared emitter**

   The infrared emitter is composed of electronic elements and batteries, for electromagnetic leakage, please dispose them according to the special requirements.

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