6+ AGES

2.4GHZ RC SYSTEM

GESTURE SENSING

INTELLIGENT VOICE DIALOGUE

PALADIN

Remote control robot

DEMO Story POPULAR SCIENCE

(Instruction manual)

⚠ WARNING!

This product contains small parts and is not suitable for children under three years of age. This product includes electronic components and must not be used in water or a humid environment. The wires, plugs, casing, and other components of the battery charger should be checked for damages periodically. In case of damage, the usage of the product should be discontinued.

⚠ Caution proceeding

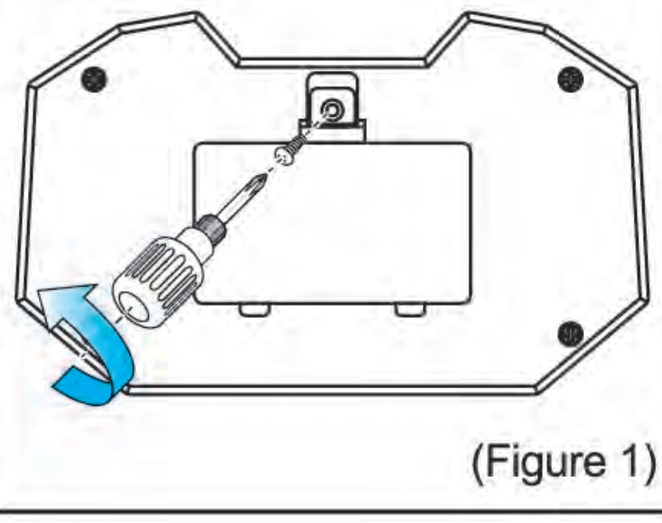
1. Detachable small parts should be stored safely and out of reach of children.
2. If fierceness ray is experienced, turn the model off and try it again in a different area.
3. Remote control will not function correctly if the batteries are low. Please replace the batteries.
4. Please discard old/used batteries in a safe manner. Consider your environment!
5. Please store the robot in cool, dry place.
6. Do not store the robot in a place near the fire, with humid or high temperatures.
7. Should the robot not being used for a long time, please recharge the battery periodically.
8. The rechargeable battery and its charger are not toys.

⚠ Battery use caution proceeding

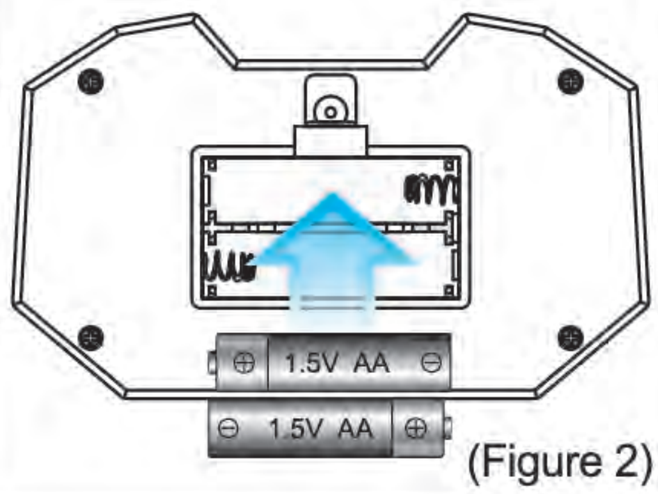
1. The robot uses a single LI-PO 3.7V 400mAh rechargeable battery.
2. We recommend using two 1.5V AA non-rechargeable alkaline batteries for the remote control.
3. While installing batteries for the remote control, please note that the battery polarity should correspond to the polarity identifications in the remote control battery compartment.
4. When the rechargeable battery in the robot is low, it must be charged under adult supervision in time.
5. Do not mix new, old, or different battery models in the remote control.
6. The batteries in the remote control are non-rechargeable batteries which cannot be recharged.
7. Do not leave drained or used up batteries inside the remote control.
8. To avoid accidents or pollution, do not short circuit or dissect the battery, or put it into fire or water.
9. DO NOT short circuit any terminals.
10. The rated input voltage of the adapter must match the local household voltage, and the output voltage must match the USB input voltage.
11. During charging it is quite normal for the charger and batteries to heat up.

Installing remote control batteries:

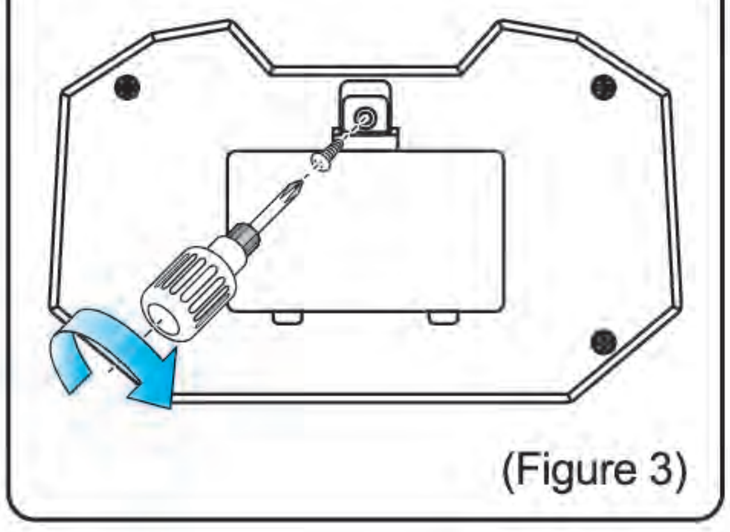
1. The remote control uses two 1.5V AA-size batteries.
2. With a Phillip screwdriver, unscrew the screw on the battery cover at the bottom of the remote control. (Figure 1)
3. Put batteries into the battery compartment, with correctly corresponded battery polarities. (Figure 2)
4. Replace the battery cover and tighten the screws. (Figure 3)



(Figure 1)



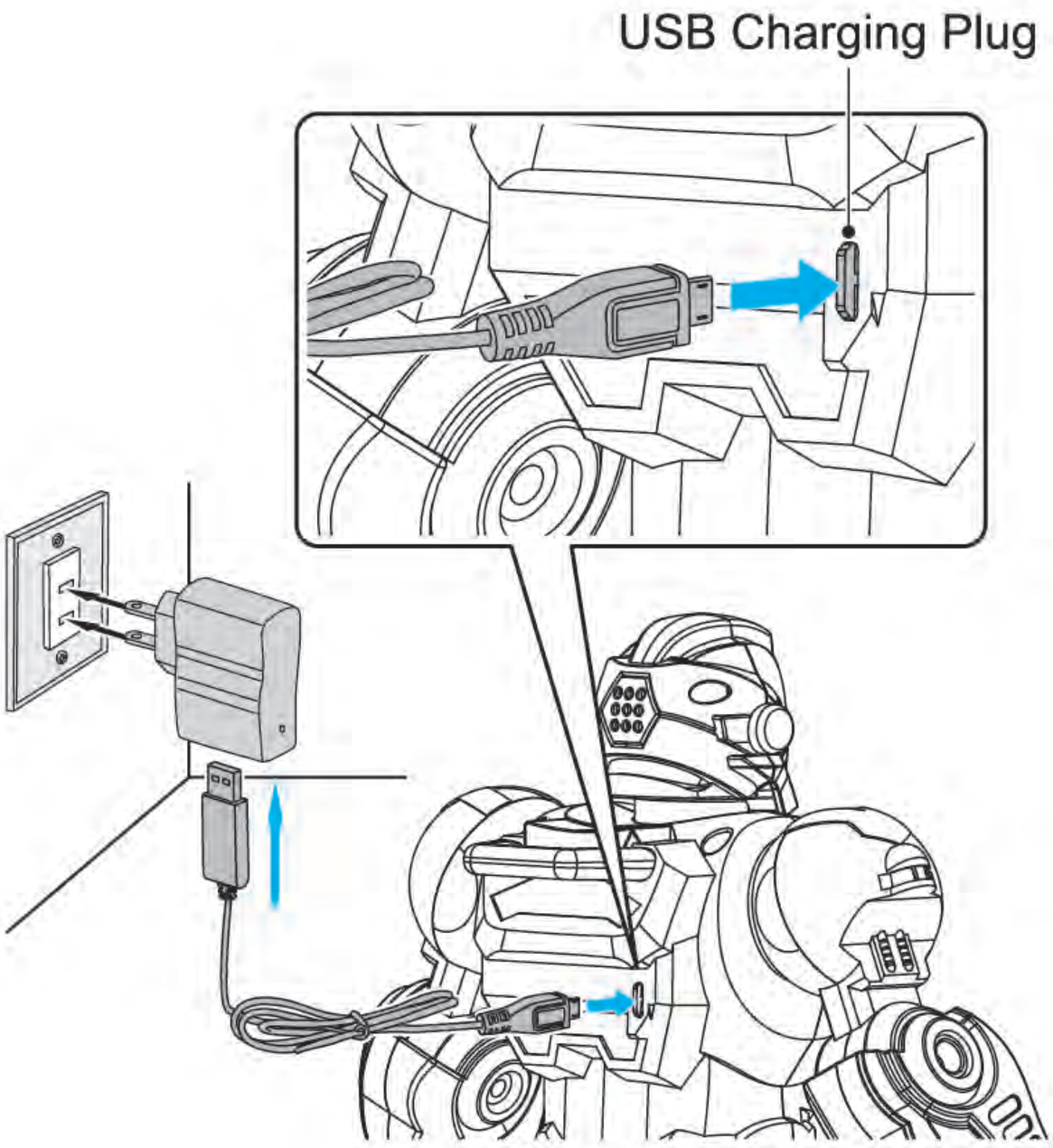
(Figure 2)



(Figure 3)

Charging with USB:

1. The robot must be fully charged before the first usage to ensure it has sufficient power. If not being used for a long time, the rechargeable battery of the robot will be subject to self-discharge. Overcharging will shorten battery life. Please power off the robot and store it fully charged after use, or when it will not be used for a long time.
2. The robot should not be connected to an undesired power source for charging. Charging Method: Connect the input port of the USB charging cable to a USB-related power supply with an output DC voltage of 5V and a current no less than 500mA. Plug the other end into the charging socket on the back of the robot. The charging time is about 90 minutes.
3. Charging instructions: Insert the USB port of the USB charging cable into the USB port of a power medium with a USB port (such as a desktop computer, laptop, mobile power supply, USB power adapter, or plugged into the power through a USB adapter), and then insert the other end of the USB charging cable into the charging socket on the back of the robot. At this time, the USB charging indicator light will remain on and enter charging mode. After a period of time, the USB charging indicator light will turn off and charging is complete.
4. The controlling circuit of the robot is disconnected in the charging mode. The charging indicator of the robot stays lit. The robot will not work. Pressing the power button will also not wake it up. You need to unplug the charging cable from the back of the robot then press the power button to make it work again.
5. After being fully charged, the standby time is 30 days. The charging time is related to the charging current of the charger. Taking 500mA as an example, the charging time is about 90 minutes. The usage time is about 60 minutes (slightly different depending on the frequency and duration of the operation).



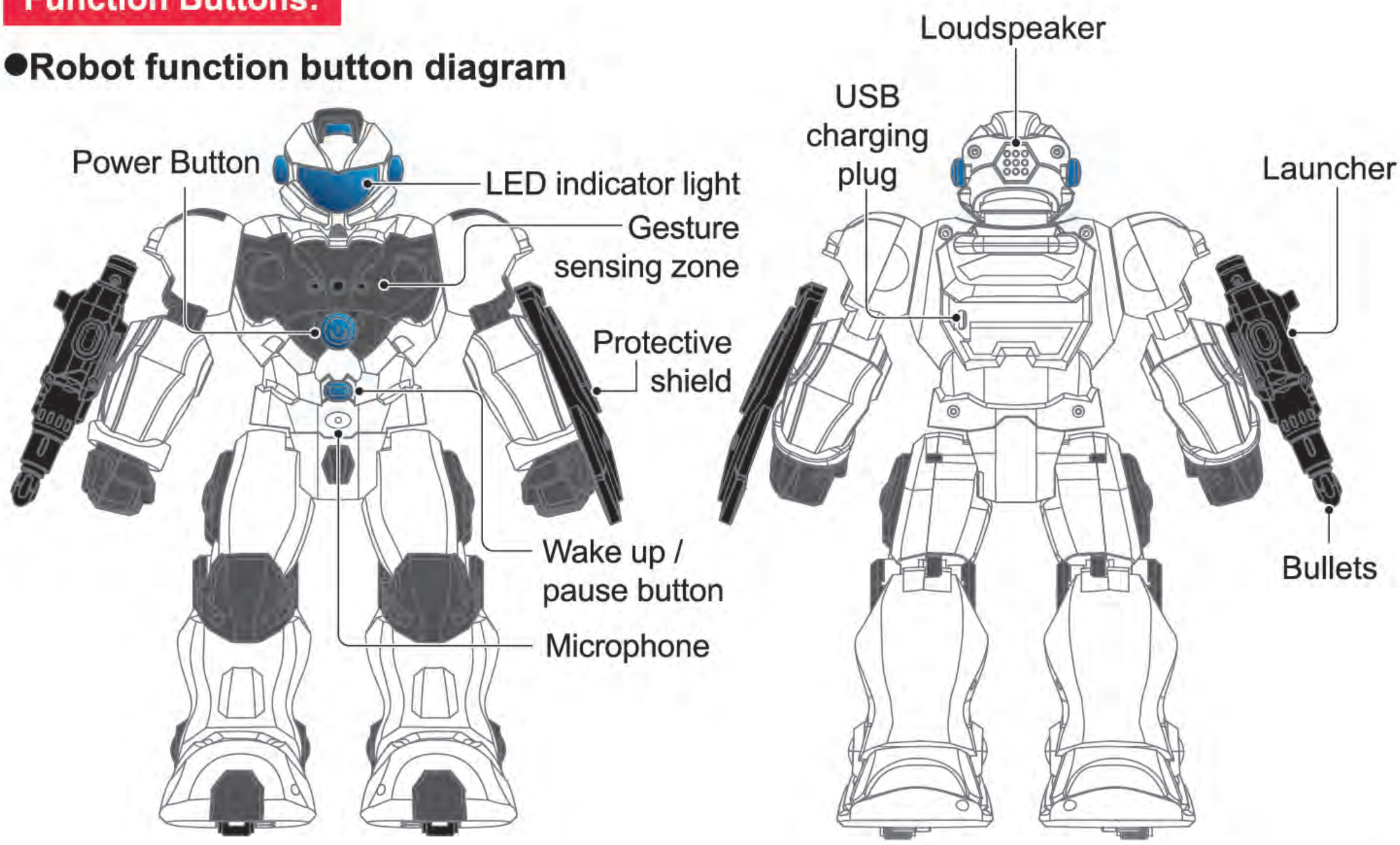
3.7V battery has been built into the body
(Battery replacement must be carried out by professionals)

⚠ Notice:

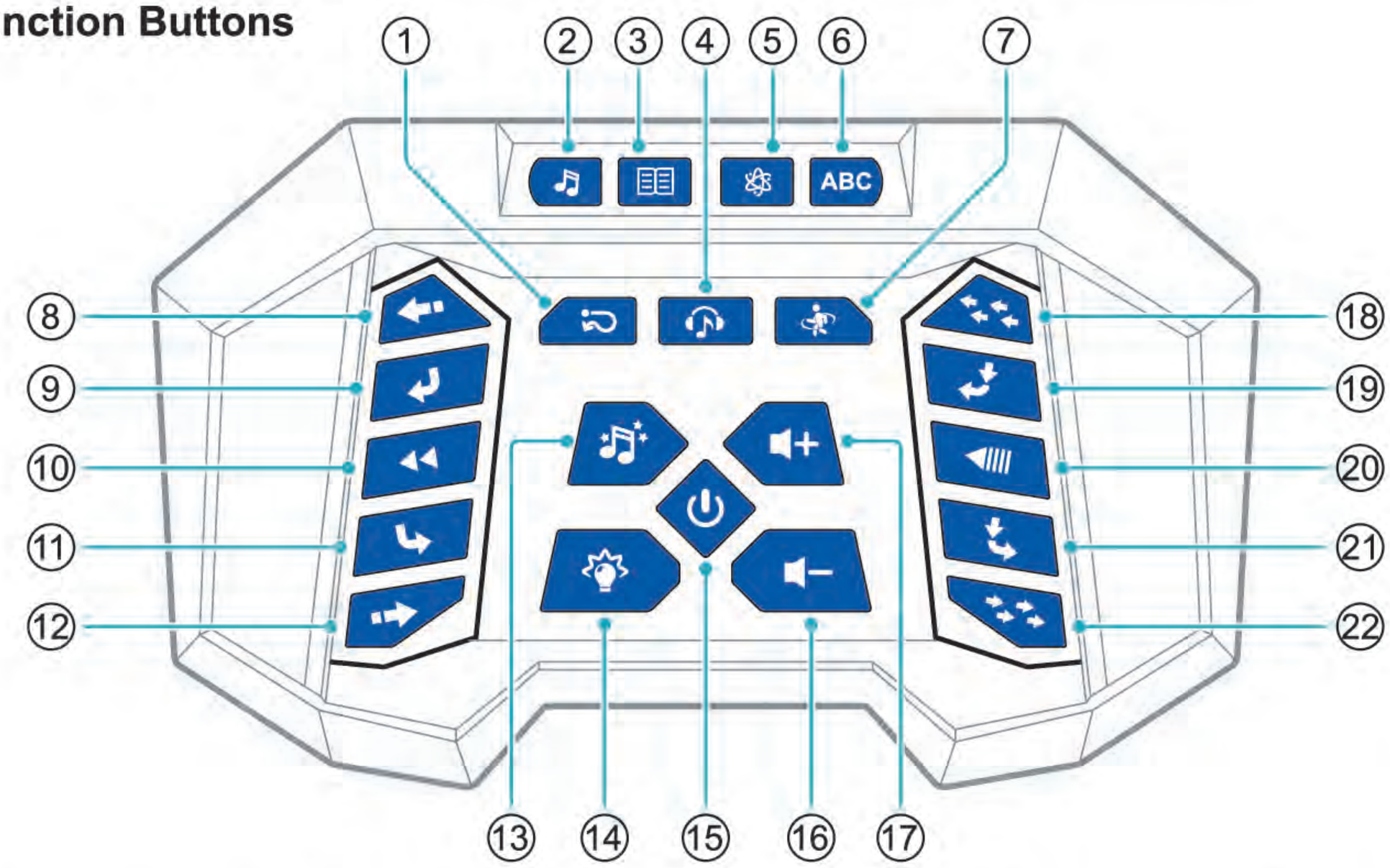
1. Only use the USB charging cable provided by our factory to recharge the robot.
2. The recharging process must be supervised by an adult.

Function Buttons:

●Robot function button diagram



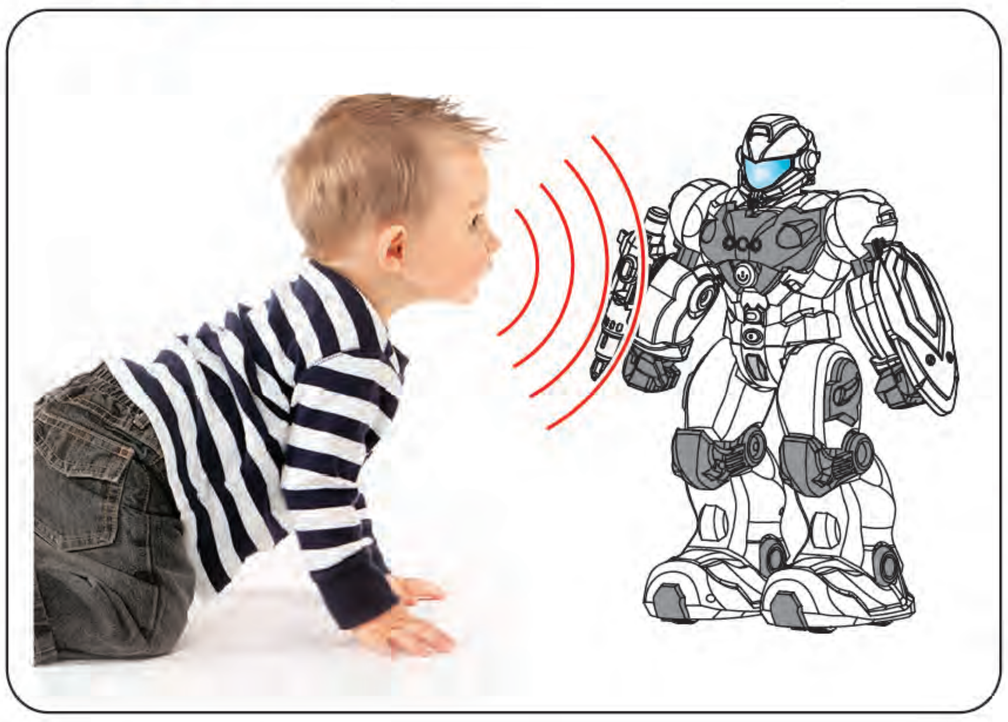
●Function Buttons



① Automatic demonstration	② Song	③ Stories	④ Dance	⑤ Joke
⑥ Poetry	⑦ Programming	⑧ Slide forward	⑨ Slide turn left	⑩ Fast sliding
⑪ Slide turn right	⑫ Slide backward	⑬ Robot language	⑭ Eye lamp	⑮ Stop
⑯ Volume-	⑰ Volume+	⑱ Walk forward	⑲ Walk turn left	⑳ Fast walk
㉑ Walk turn right	㉒ Walk backward			

Robot Functions Demonstrations:

1. **Power-On:** Press the switch button " " on the robot, it will enter the power-on mode.
2. **Boot language:** (boot sound + sliding forward action + sound effect) Hi, my friend! I'm Robocop from Planet Alpha. Let's play together!
3. **Power-Off:** A robot under the power-on mode will power off after its power switch button " " is pressed.



⚠ Notice:

1. In order to achieve the best effect of voice dialogue, people must be directly opposite the robot and within 1 meter from the robot, and use standard Mandarin. When the operation is not sensitive, please recharge the robot.
2. Please do not use it in noisy environment, otherwise it will affect the use effect.
3. If not in use temporarily, please turn off the power.

4. Intelligent dialogue:

(1) Hello

① (Forward movement) Hello, sir!
② (Sliding forward action) Nice to meet you!
③ (Sliding forward action) It's been a long time. You look so cute!

(2) What can you do?

① Action speaks louder than words. Let me show you a dance. (Randomly play a dance music + corresponding action)
② I like to tell jokes when I'm bored. (Randomly play a joke + corresponding action)
③ I can also tell stories. How about one? (Play a story randomly)
④ Speaking, dancing, joking and singing - All are within my ability.

(3) You are so cool

① Thank you!
② With you, that's for sure.
③ I'm flattered! And so are you!

(4) Sing a song

① No problem! (Random song + action)

(5) Tell a story

① OK! (Play a story randomly)

(6) Go forward / vorwärts / En avant / avanti / Avanzar

① Yes, sir. (Sliding forward action + sliding forward sound effect)
② Copy. (Walking forward action + walking forward sound effect)

(7) Go backward

① Yes, sir. (Sliding backward action + sliding backward sound effect)

② Copy. (Walking backward movement + walking backward sound effect)

(8) Turn left

① Got it. (Sliding left turn action + sliding left turn sound effect)

② OK. (Walking left turn action + walking left turn sound effect)

(9) Turn right

① Got it. (Sliding right turn action + sliding right turn sound effect)

② OK. (Walking right turn action + walking right turn sound effect)

(10) Dance for me

① No problem! (Randomly play a dance music + dance action)

② It's just a piece of cake! (Randomly play a dance music + dance action)

5. Intelligent function:

(1) Think aloud

① Sir, I'm waiting for your instructions.

② Sir, Everything goes well.

(2) Sleep language

After entering standby mode without any operation for 60 seconds, the prompt is " Sir, I'm waiting for your instructions". After another 60 seconds, the prompt is "Sir, Everything goes well." After another 60 seconds, the prompt is "I'm going back. Byte!" to enter sleep mode; You can also long press the wake-up button "  " on the robot to prompt "I'm going back. Bye!" to enter sleep mode (Voice control, remote control, and gesture commands cannot be recognized during sleep)

(3) Wake up

During sleep, press the wake up button "  " on the robot to wake up and play the startup language, or press the power button again to turn on the device.

6. Remote control operating instructions

(1) Walk forward: A short press on button "  " will make the robot walk forward for a certain distance, accompanied by a sound effect. Press and hold button "  " will keep the robot walking forward, accompanied by a repeat playing sound effect. It will stop when you release the button.

(2) Walk backward: A short press on button "  " will make the robot walk backward for a certain distance, accompanied by a sound effect. Press and hold button "  " will keep the robot walking backward, accompanied by a repeat playing sound effect. It will stop when you release the button.

(3) Fast sliding: short press "  " to realize the robot to slide forward quickly for a certain distance, and cooperate with the sound effect. Long press "  " to realize the robot to slide forward quickly without stopping. The sound effect is played repeatedly and stops when you let go.

(4) Slide turn left: A Short press on button "  " will make the robot turn left for about 90 degrees (left foot turns forward-left, then right foot backward-right), accompanied by a sound effect. Press and hold button "  " will keep the robot turning left, accompanied by a repeat playing sound effect. It will stop when you release the button.

(5) Slide turn right: A short press on button "  " will make the robot turn right for about 90 degrees (left foot turns forward-right, then right foot backward-left), accompanied by a sound effect. Press and hold button "  " will keep the robot turning right, accompanied by a repeat playing sound effect. It will stop when you release the button.

(6) Song mode: after receiving the "  " trigger song signal, the robot will say a short sentence and enter the song playing state. After the demonstration is completed, it will enter the standby state. (8 songs to choose from)

(7) Story mode: After receiving the "  " touches the story signal, the robot will say a short sentence and enter the states state after the demonstration is completed. (There are 5 stories to choose from)

(8) Joke mode: after receiving the "  " touch joke signal, the robot will say a short sentence and enter the joke playing state. After the demonstration is completed, it will enter the standby state. (There are 5 jokes to choose from)

(9) Poetry mode: After receiving the "  " touches the signal of poetry, the robot will say a short sentence and enters the state of playing poetry. After the demonstration is completed, enter the standby. (There are 5 poems to choose from)

(10) Programming mode

① Press the programming key "  " once to enter the programming mode. At the same time, the robot emits "beep" and "beep" to enter the status to be edited. Players can press the keys of "walking forward, walking backward, walking left, walking right, sliding forward, sliding backward, sliding left, sliding right, demonstration, dance, story, song, poem and joke" to program. The maximum number of keys can not exceed 30. Each press, The robot will send out a sound effect of "beep" to confirm. After pressing all the keys, the player will press the programming key "  " . After the voice prompt of "beep", the programming will be completed and the programming command will be executed (the robot executes the programming action + the corresponding action sound effect).

② If more than 30 keys are operated, there will be an error sound effect prompt, and then press the programming key "  " to give a voice prompt: "beep" after programming, start to execute the programming command; The robot only performs the first 30 action programming.

③ Press the programming key "  " once, there is no programming action, and then press this key again, the voice will prompt: "report sir, you have no programming action."

④ Press the programming key "  " once, and if there is no programming key operation for 10 seconds, the voice prompt: "exit programming"; Exit programming mode.

(11) Dance: after receiving the dance signal triggered by "  " , the robot will play dance music and dance demonstration, and enter standby after the demonstration is completed. (There are 4 dance songs to choose from)

(12) Automatic demonstration: after receiving the automatic demonstration signal triggered by "  " , enter the demonstration mode, The robot said, "Hello, sir! Now enter the basic action demonstration mode. (walking forward + walking forward action + sound effect, walking backward + walking backward action + sound effect, walking left turn + walking left turn action + sound effect; walking right turn + walking right turn action + sound effect; sliding forward + sliding forward action + sound effect, sliding backward + sliding backward action + sound effect, sliding left turn + sliding left turn action + sound effect; sliding right turn + sliding right turn action + sound effect), please indicate after the demonstration."

(13) Machine language: after receiving the "  " trigger machine language signal, the robot turns on the microphone to play machine language. (Play a machine language randomly)

(14) Eye lamp: after receiving the "  " trigger eye lamp signal, the robot eye lamp displays different eye expressions.

(15) Volume adjustment: there are five levels of volume, and the default is three when starting up.

① After receiving the volume + "  " signal, the volume increases.

② After receiving the volume - "  " signal, the volume decreases.

(16) Stop: Press the wake up button "  " or the stop button "  " while the robot is in motion to stop all actions and sound effects of the robot and enter standby mode

(17) Slide Forward: A short press on button "  " will make the robot slide forward for a certain distance, accompanied by a sound effect. Press and hold button "  " will keep the robot sliding forward, accompanied by a repeat playing sound effect. It will stop when you release the button.

(18) Slide Backward: A short press on button "  " will make the robot slide backward for a certain distance, accompanied by a sound effect. Press and hold button "  " will keep the robot sliding backward, accompanied by a repeat playing sound effect. It will stop when you release the button.

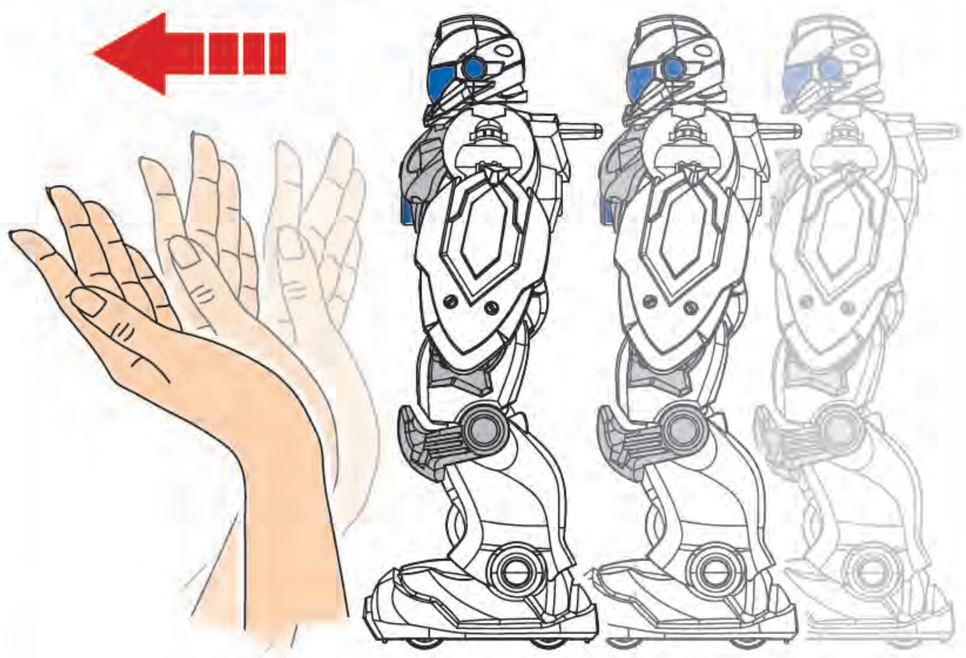
(19) Walk left turn: short press "  " to realize the sliding left turn action of the robot, and cooperate with the sound effect at the same time. Long press "  " to realize the continuous left turn action of the robot. The sound effect is played repeatedly and stops when you let go.

(20) Walk right turn: short press "  " to realize the sliding right turn action of the robot, and cooperate with the sound effect. Long press "  " to realize the right turn action of the robot continuously. The sound effect is played repeatedly and stops when you let go.

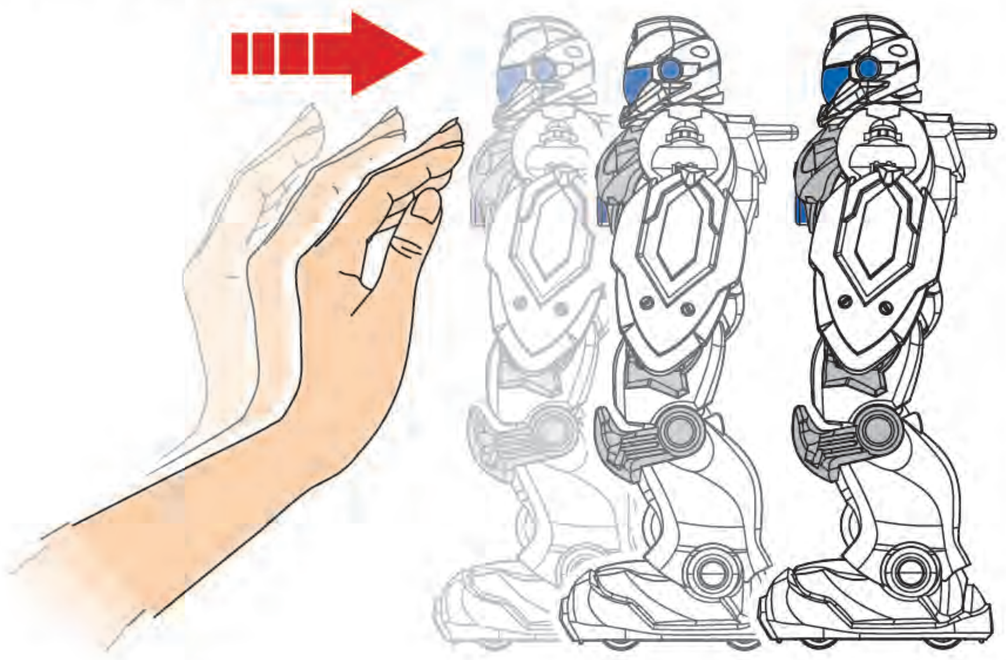
(21) Fast walking: short press "  " to realize the robot's fast walking forward for a certain distance, combined with the sound effect. Long press "  " to realize the robot's continuous fast walking forward. The sound effect is played repeatedly and stops when you let go.

(22) Gesture Sensing: The gesture sensing is only functional under the standby mode. You may make gesture commands in front of the robot's chest, including turn left, turn right, step forward, and step backward. The robot will execute accordingly upon a command.

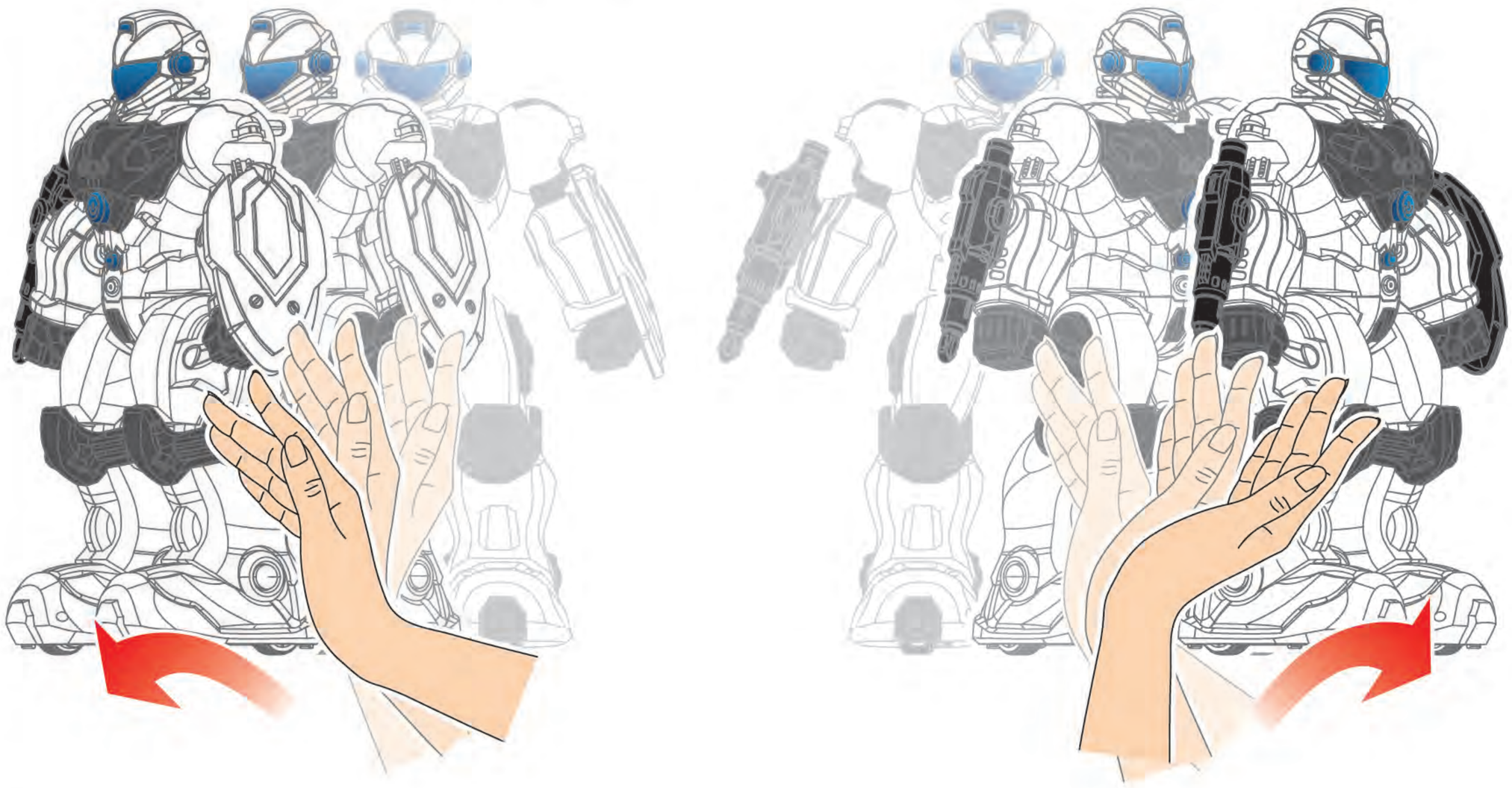
①. Gesture Sensing - Step Forward



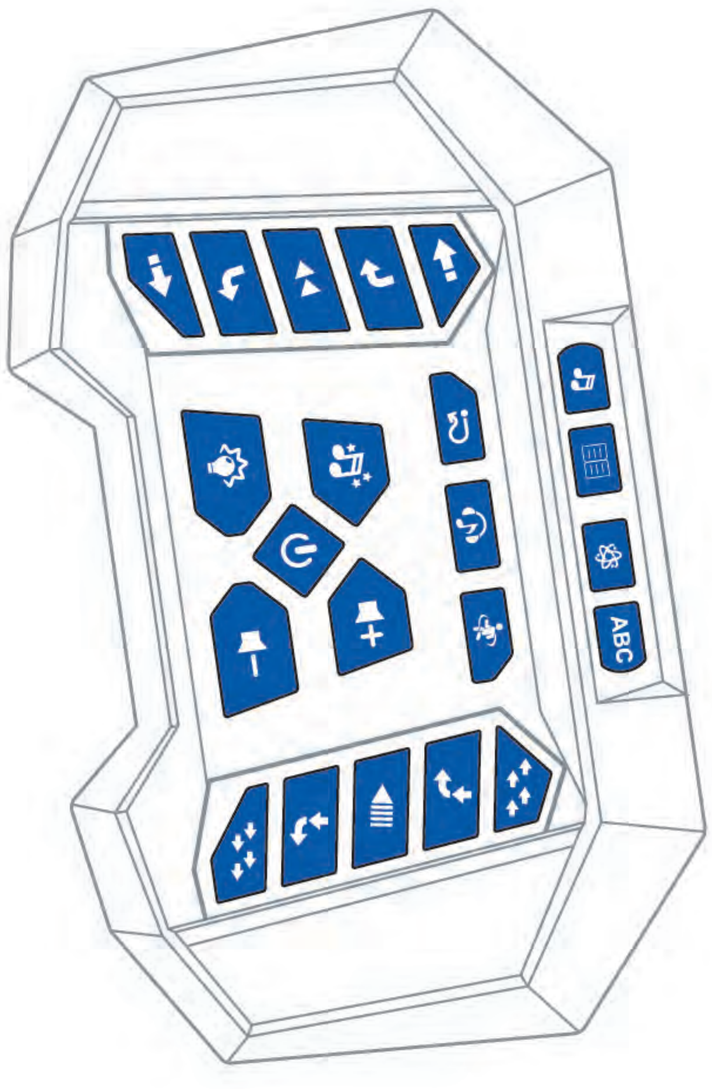
②. Gesture Sensing - Step Backward

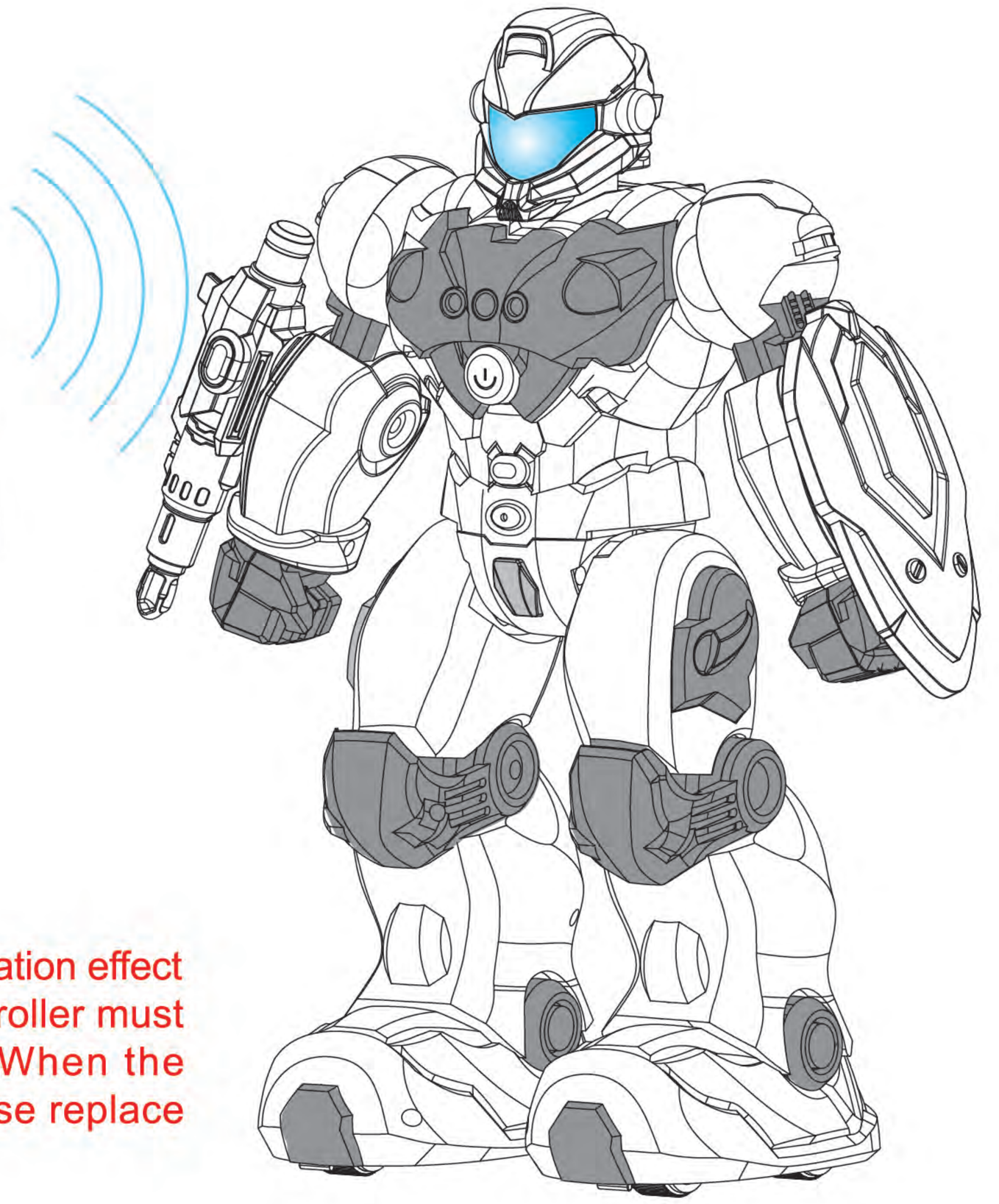


③. Gesture Sensing - Turn Left/Right



2.4G remote control signal





⚠ Notice:

In order to achieve the best operation effect of this product, the remote controller must be aimed at the robot head. When the operation is not sensitive, please replace the battery.

Plate content

1. Story

(1). Seven kid goats
(2). The Monkey and the crocodile
(3). The fox and the goat
(4). Little bear's entertainment
(5). The three little pigs

2. Song

(1). Bobby Shaftoe
(2). Eensy Weentsy Spider
(3). Humpty Dumpty
(4). It's Raining It's Pouring
(5). John Jacob Jingleheimer Schmidt
(6). Polly Wolly Doodle
(7). The Bear Went Over the Mountain
(8). The Wheels on the Bus

3. Dance music

(1). Shape of You
(2). Tez Cadey - Seve (Radio Edit)
(3). Keep On (Original Mix)
(4). This is street dance

4. Poetry

(1). Rain
(2). Who Has Seen the Wind
(3). What Does The Bee Do
(4). What Does Little Birdie Say
(5). At The Seaside

5. Joke

(1). Two Birds
(2). The New Teacher
(3). Tom's excuse
(4). He Won
(5). A Good Boy

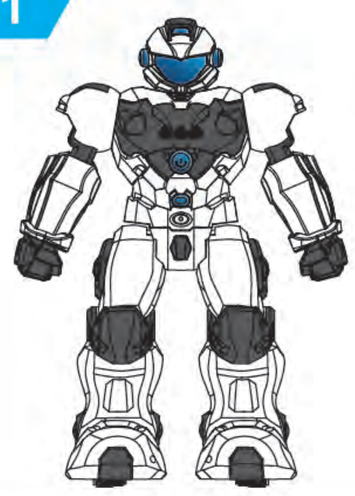
6. Machine language: about 8

Solutions to possible problems:

Symptom	Cause	Correction
The remote control fails to function	1. Fail to put the battery into the right electrodes.	1. Check and make sure that the battery is put in according to the signs of the electrodes on the battery box.
	2. Low battery.	2. Replace with new batteries.
The robot is out of control	1. Low battery.	1. Recharge when it is running low.
	2. The robot sounds unclear and its body dimly lit.	2. Recharge when it is running low.

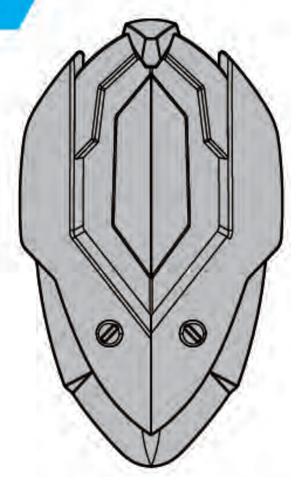
Product listing:

001



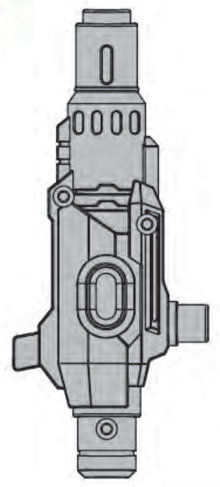
Robot

002



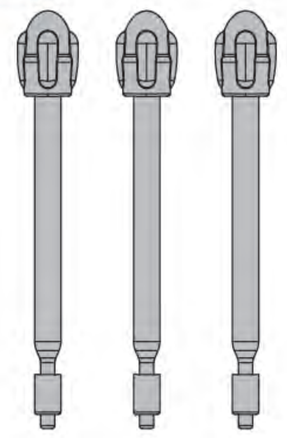
Defend shield

003



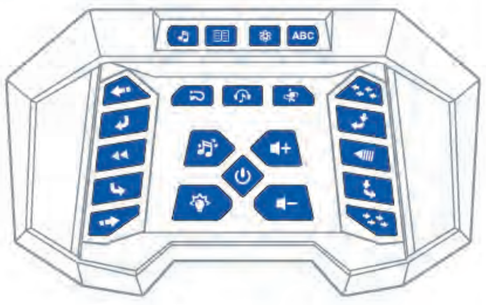
Weapon

004



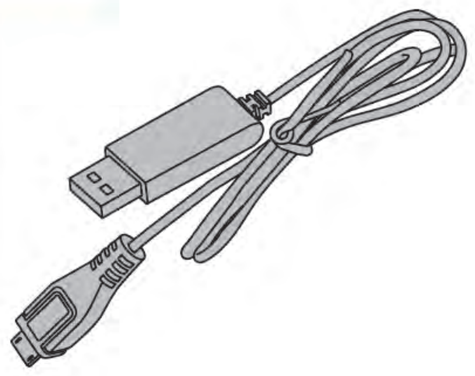
Emanant bullet

005



Transmitter

006



USB charger

007



Screwdriver

008



Instruction manual

009



Dialog Instruction manual

⚠ Notice

Specifications colors & contents may vary from illustrations.

⚠ WARNING

The contained small parts have the risk of suffocation and are not suitable for children under 3 years old. Adults must be present when using them for supervision and guidance. The manual contains important information and cannot be discarded for query.

FCC Statement
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirment. The device can be used in portable exposure condition without restriction.

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.