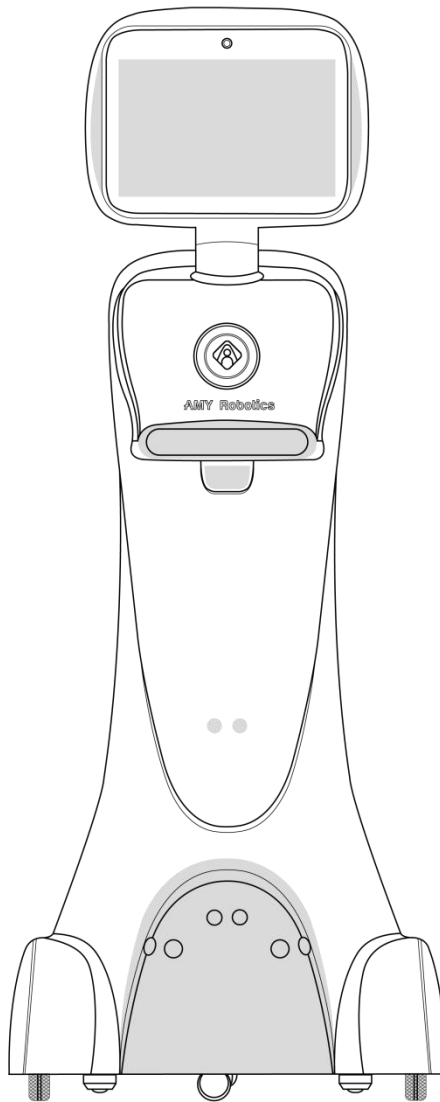


AMY-A1

User Manual



Before operating the appliance, please read this manual carefully and retain it for your reference.

***FOR INDOOR USE ONLY**

Welcome

Dear Family and Friend,

This is an AMY-A1, thank you for taking me to your home. I am so excited to be here and be a part of your life. I am a helpful social robot and I love to engage with people. I can talk with you, move independently, avoid obstacles, you can remotely operate and make a video call at the same time and I can also be customized to serve in different scenarios.

Although Mom and Dad said that Amy is excellent robot. But surely I am not perfect. I think there is much to learn for me. Sometimes, if Amy ignores you, say "hello, Amy" once again for I just a little sleepy and I'll wake up; if I react slowly, you need to check the internet since my is on the cloud. Please use me in sufficient wireless network environment to make use of all of my functions. The recommended bandwidth is above 20M for a better user experience. Knowledge has no boundaries. My brain will be updated with new skills developed by the developers from AMY Robotics.

Also, if you have technical questions, please contact Amy's family. They would be most happy to help.

Best regards,
Amy

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Safety information

READ ALL SAFETY AND OPERATING INSTRUCTIONS BEFORE USING YOUR AMY.

THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE ROBOT IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED. CHILDREN SHALL NOT PLAY WITH THE ROBOT. CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN WITHOUT SUPERVISION.

CAUTION: DO NOT EXPOSE THE ELECTRONICS OF YOUR ROBOT, ITS BATTERY, OR THE INTEGRATED CHARGER DOCK KNOWN AS HOME BASE. THERE ARE NO USER SERVICEABLE PARTS. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. PLEASE ENSURE INSIDE VOLTAGE RATING FOR ENCLOSED HOME BASE MATCHES STANDARD OUTLET VOLTAGE.

Important safety instructions

When using an electrical appliance, basic precautions should be observed, including the following:

General safety instructions

- Use only as described in this manual
- Do not insert objects or place heavy objects on the robot.
- Keep the machine away from harsh environments such as strong magnetic fields, high temperatures, and exposure in the sunshine. The internal components may be damaged or malfunctioned.
- Please do not allow moisture or humidity of any kind to come into contact with the robot.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Do not disassemble or modify the machine

- Attempts to disassemble or modify the equipment without AMY Robotics or third parties authorized by Amy Robotics will void the warranty service.

Do not attempt to replace the internal battery

- The internal battery must be replaced by a repair facility authorized by Amy Robotics or a technician approved by Amy Robotics.

This product is for indoor environment use only

- Make sure the floor is flat and avoid surface drop height of more than 1 cm and slopes of more than 15 degrees.
- Do not use the robot outdoors. Do not place the machine under strong sunlight or intense lighting; otherwise it will affect normal use.

Battery Safety

- Charge using a standard outlet only. Product may not be used with any type of power converter. Use of other power converters will immediately void the warranty.
- Do not use a battery charger with a damaged cord or plug. If the cord or plug is damaged, it must be serviced by the manufacturer or similarly qualified persons.
- Use only the battery charger supplied by the manufacturer to charge this device.
- Do not incinerate the battery. Do not short-circuit the battery.
- Unplug from outlet when not in use and before conducting maintenance.

WARNING: to reduce the risk of fire, electric shock, or injury:

Sensors

- The robot is equipped with microphones, 3D cameras, ultrasound sensors, infrared sensors, etc . Please keep them clean and do not blocked them anytime as this will affect the robot's normal performance.

Motors Safety

- Do not stop the robot or push the head of the robot with excessive force to avoid mechanical damage when powered on.
- Do not push the robot with the "emergency stop button" pop-up, so as to avoid damaging the electric motor.

Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

AMY Robotics Co.,LTD., its affiliates, agents, and employees, and all persons acting on its or their behalf, disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

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The information in this document is subject to change without notice. The manufacturer makes no representations or warranties with respect to the contents hereof and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. The

manufacturer reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation of the manufacturer to notify any person of such revision or changes. Update can be available at the Amy Robotics website (www.amyrobotics.com/support) or contact Amy Robotics Customer Service (400-100-0837). Our technical staff is always available to help with your questions.

AMY Robotics is a registered trademark. All other product names or brand mentioned in this manual are the properties of their respective owners and are acknowledged.

For online user manuals, videos, more information, and troubleshooting assistance, please visit www.amyrobotics.com/cn-zh/support. For information on Terms of Service and Privacy Policy, visit www.amyrobotics.com/cn-zh/privacypolicy

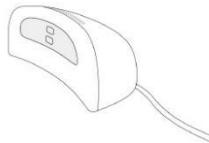
Product Overview

Packing List

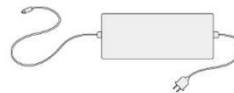
Check your package for the following items:



1 . Robot



2 .Charging Dock



3 .Power Adapter

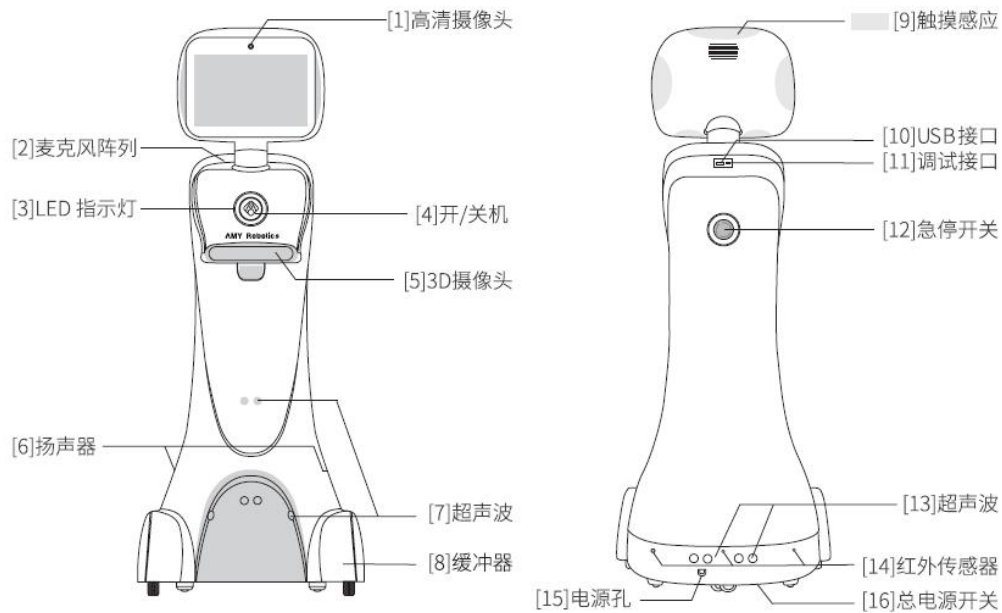


4 .User Manual



5 .Warranty Card

Robot Overview

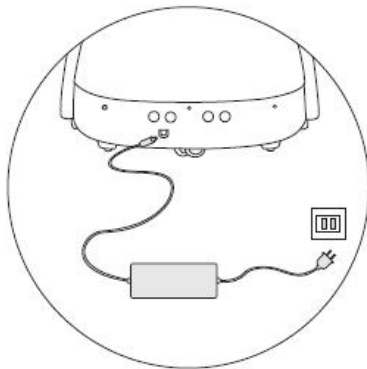


[1] HD camera	500 Mega pixel HD camera with auto focus, image stabilization
[2] Microphone array	Circular microphone array with far-field vice pickup and noise reduction Allow voice interaction in 5 meters surrounded.
[3] LED lights	LED Operational indicators Flashing Blue Normal Flashing Green Listening Flashing Red Error
[4] On / Off push button	Press and hold the button about 5 seconds to switch on/off (for safety reason, you need to press the emergency stop button to shut down)
[5] 3D cameras	3D Camera for obstacle avoidance and SLAM.
[6] Stereo Speaker	The robot has a pair of stereo speaker inside
[7] Ultrasound	Ultrasonic distance measurement for obstacle avoidance.
[8] Bumper	Safety bumper for obstacle avoidance.
[9] Touch Sensor	Touch sensors area for motion control of robot head with hand touch.
[10] USB port	Connect to external devices compatible with USB 2.0
[11] Debug interface	Debug with Micro-USB interface
[12] Emergency stop button	Press the emergency stop button to cut off the power of motor and stop the robot immediately.
[13] Ultrasonic sensor	Detect objects and measure distances
[14] infra-red sensor	Detect objects and measure distances
[15] Power jack	Battery charging or robot power supply.
[16] Power switch	Please confirm the system is turn off before switch off the power.

Getting Started

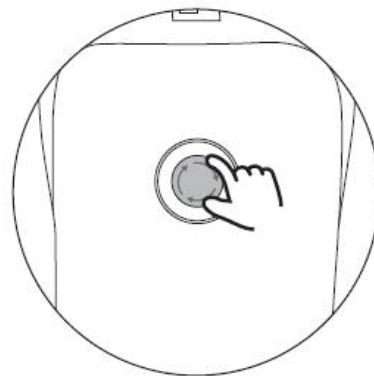
Charging

Plug the charging cable into the power jack at bottom of the robot. You should see an LED light when plugged in.



Power on the Robot

1 Before powering on, please confirm the red emergency button on the back of the robot is released. If not, please twist the emergency button clock-wise until it pops up.



2 Please tap power switch to on mode on the bottom of the robot base.



3 Press and hold the *ON / OFF* button on the chest of the robot 3-5 seconds until the LEDs flashing and beep sound.

Appendix

Trouble shooting

Q: Cannot boot?

A: Please check if you need to recharge and check whether the boot process is correct.

Q: The screen is blank after boot?

A: Please check whether Amy has power and the appearance of the machine is intact. Please try to restart again. If you still cannot start normally, please call the service:400-885-3138.

Q: Unable to register ID after booting?

A: Please check whether Wi-Fi connection is normal and then follow the reminder to register.

Q: Amy cannot boot after long pressing the power button on the chest?

A: Please check whether the power switch of the rear button of robot is turned on. Then long press the chest on/off button.

Q: The robot cannot walk, the wheels cannot move?

A: Please check the emergency stop switch and pop up the emergency stop button to unlock the wheels.

Q: Amy's head has been turning and cannot stop? Its head stuck cannot move?

A: Please press chest button to restart.

Q: The machine cannot recognize the inserted U disk?

A: Please check whether the USB port is loose.

Q: When talking to the robot, the robot does not respond?

A: Please check:

Network connection

Whether the robot has been waken up successfully and whether the light ring is green .

Whether the microphone is muted.

Q: The robot has no sound?

A: Please check the volume is turned on or mute: click button with "+" or "-" on the bottom of the screen voice.

FAQ

Q: Does Amy robot need to connect to the network?

A: It needs to connect to Wi-Fi before use.

Q: How to use Amy robot?

A: You can operate according to the instructions, you can also go to Amy official website and other places to view the operation video.

Q: Will Amy robot hit furniture?

A: Amy comes with automatic protection device, 20CM within the distance will automatically identify obstacles and avoid.

Q: How long can Amy work after charging?

A: For 10-12 hours.

Q: How many languages supported?

A: Amy currently supports Chinese / English two languages, you can set language switching.

Q: Can Amy go up the stairs?

A: Do not support the stairs temporarily, please use on the ground.

Q: Can Amy cook?

A: Cannot cook at the moment. But Amy can always provide you with all kinds of recipes and practices to help you make a variety of cuisine.

Q: How to clean Amy robots?

A: Gently wipe with a soft cloth using the matched detergent. It is recommended to regularly do the internal structure cleaning every year to our store.

Contact us

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