

## NUWA ROBOTICS Kebbi Air S Smart Robot User Manual

[Home](#) » [NUWA ROBOTICS](#) » NUWA ROBOTICS Kebbi Air S Smart Robot User Manual 

### NUWA ROBOTICS Kebbi Air S Smart Robot User Manual



**Thank you for choosing Kebbi Air S!**

Kebbi is a robot consists of education, companionship and services.

The R&D team integrates artificial intelligence, hardware and software technologies, so that the robot has full facial expressions, body movements and communication & interaction capabilities. Also, the team uses voice interaction and body sensor technology to vividly present a variety of educational functions and other services.

Robots enable digital content to jump out of the screen and enter the real world. We believe that the interactive form brought by robots can provide users an affectionate companionship and heart warming experience. Regard

less of hardware, software, and content applications, the R&D team provides a humanized design by studying various theories and the trends of interactive experience. Kebbi Air is more than just a multifunctional robot, it touches people's heart.

Kebbi Air is endowed with infinite possibility. When parents and kids are having fun together, it plays the role of a tutor. When a "kids store" is in need of a clerk, it serves as a little assistant. When the elderly needs help, it becomes a little helper. Through various development tools, you may also leverage your imagination to build your own robotic partner.

Now, let's welcome Kebbi Air as your companion and move forward together!

## Contents

### 1 Product Introduction

#### 1.1 Accessory List

### 2 Product Description

### 3 LED Indicator Information

### 4 Safety Instructions

### 5 Using Kebbi for the First Time

### 6 Open the Menu

### 7 Common control instructions

### 8 On/Off Instructions

### 9 Introduction to Power Modes

### 10 Start a Conversation with the Robot

### 11 Precautions

### 12 Specification

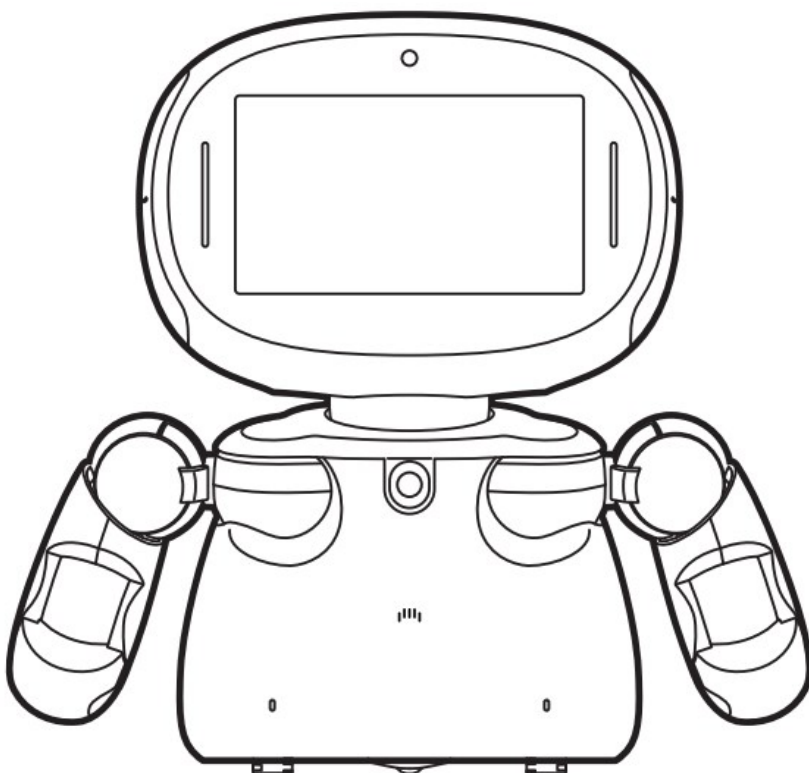
### 13 Federal Communication Commission Interference Statement

### 14 Troubleshooting

### 15 Documents / Resources

### 16 Related Posts

## Product Introduction

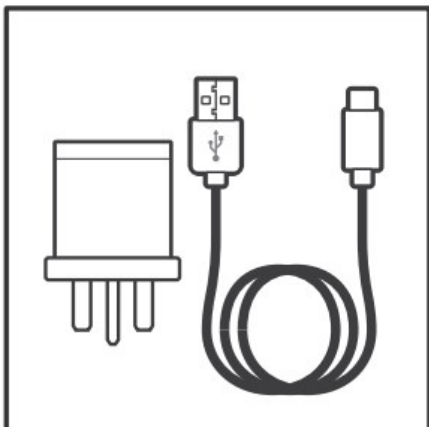


## Kebbi Air S

### Accessory List

\* Accessory styles may differ.

- OEM Charger



- User Manual Warranty Card



- Quick-Start Guide

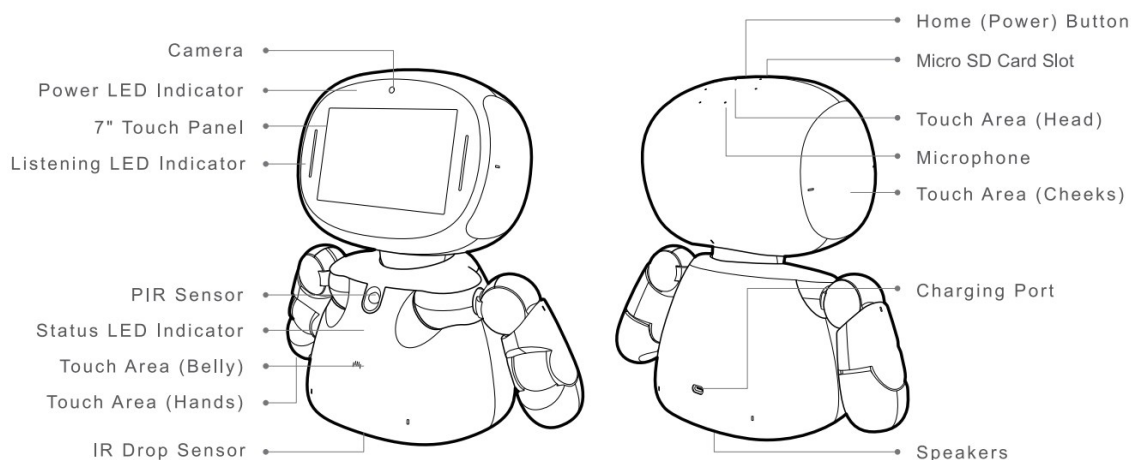






- Accessory



1. Please carefully check the contents of the box. If anything is missing or damaged, please contact our customer service representatives.
2. The charger in the accessory package is a OEM charger. Please avoid using any other brand charging cables in order to keep the robot working appropriately.
3. Please read this User Manual thoroughly to ensure correct and safe use of this product.
4. Regularly check the charging cable, connector, and outer casing for damage. If damage is found, do not use until repaired.

## Product Description



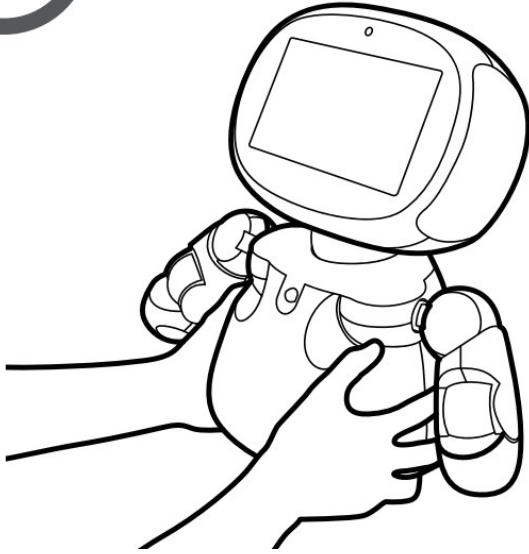
-  **Home Screen/Power Button:** Return to Home Screen , Turn On / Off (Please refer to P. 22 for more detail s)
-  **Touch Area:** There are 5 To uch Sensing Areas: Head, left a nd right Cheeks, Belly, left and right Hands. Please remember to touch Kebbi gently.
-  **PIR Sensor:** Sen ses wheth er there i s anyo ne passing by in front of Kebbi.
-  **USB Type C Charging Port:** Please use with the orginat OEM charger.


## LED Indicator Information

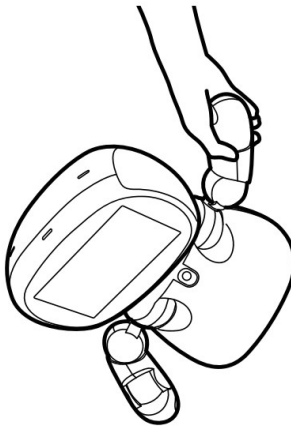
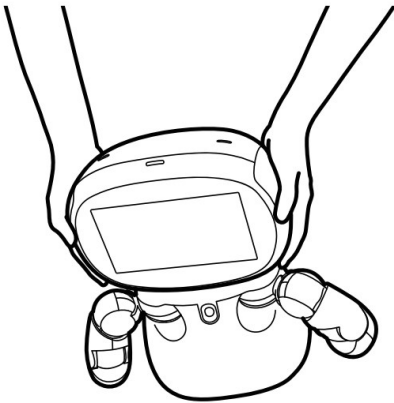
| Indicator                                | Color                         | Status                              | Action / Description   |
|--|-------------------------------|-------------------------------------|--|
| Status Indicator<br>(on the chest)       | Blue<br>Steady blue light     |                                     | System is normal   |
|  | Orange<br>Steady orange light | Low battery<br>(less than 15 %).    | Please charge the robot.   |
|  | Red<br>Steady red light       | Very low battery<br>(less than 5 %) | Please charge the robot.   |
| Charging Indicator<br>(next to the lens) | Red<br>Flashing red light     | Charging                            | No flashing red light means one of two things:<br><br>1. The battery is fully charged<br>2. The battery is too low, please continue charging for 10 minutesPlease refer to P.28 for more information |
| Camera Indicator<br>(next to the lens)   | Green<br>Steady green light   | camera in use                       | Notify user that camera is in use.   |

## Safety Instructions

- Please hold the robot with both hands.



-  Please do not lift or pull the robot by its head or arms.



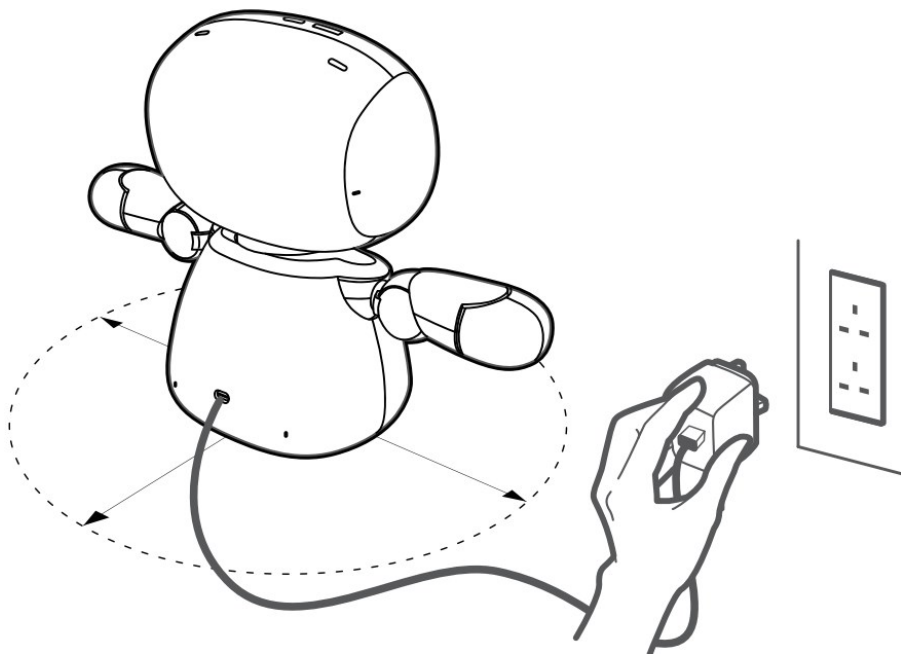
## Using Kebbi for the First Time

Be sure there is enough space for your robot to safely move around. Connect the charger and turn the power on.

Hold for three seconds.

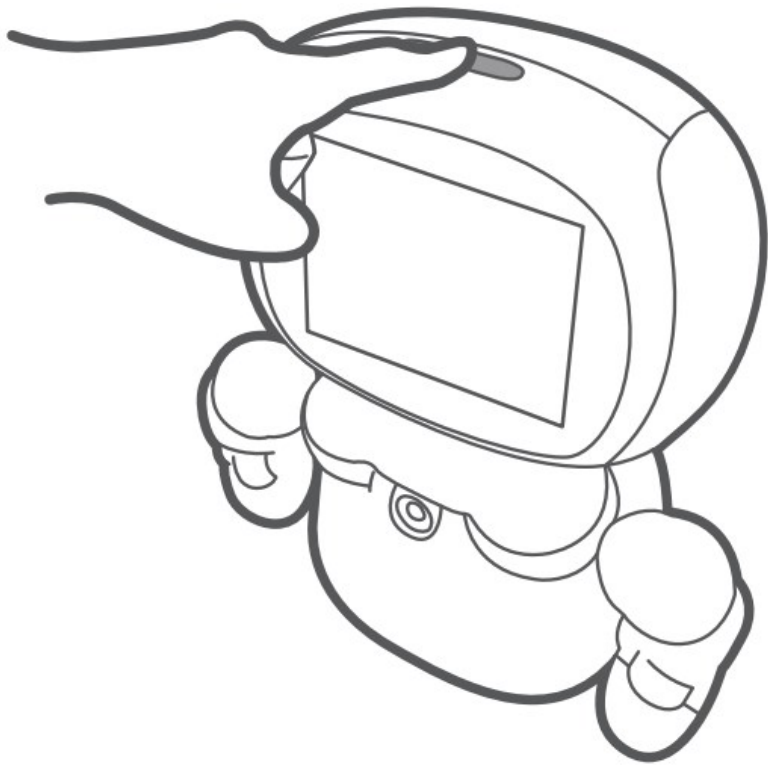
### First:

Prepare a safe place for Kebbi and connect the charger.



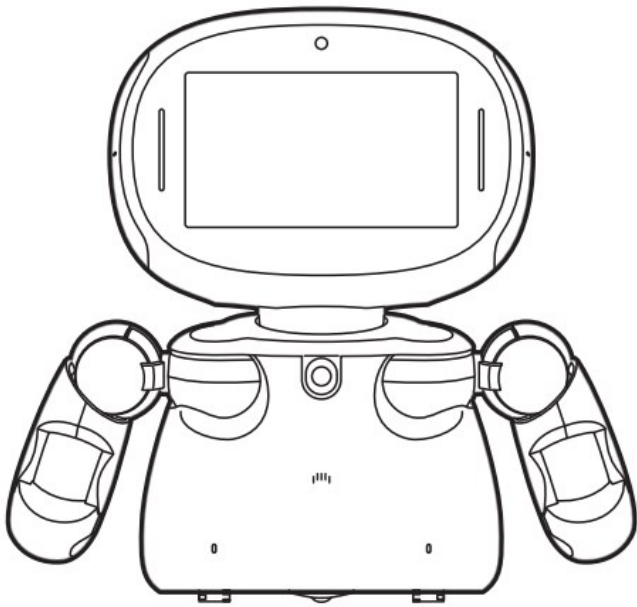
**Second:**

Press and hold the power button until the screen turns on.



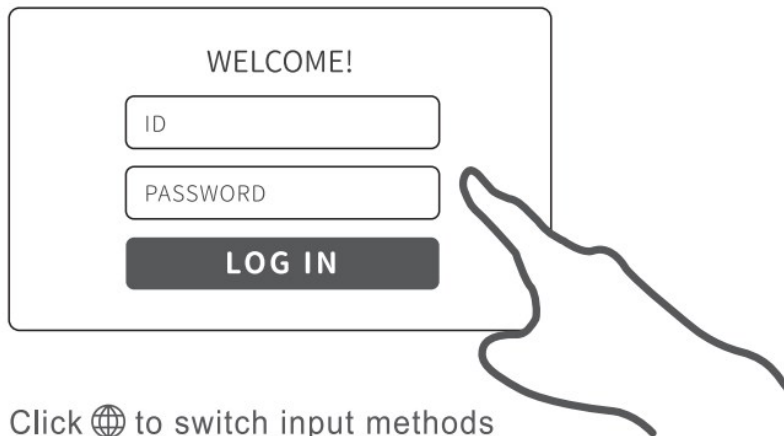
**Third:**

Please follow the robot's instructions to complete the initial setup.



#### Fourth:

Login / register NUWA account and eye account or enter product key (For business customer only) to activate the robot.

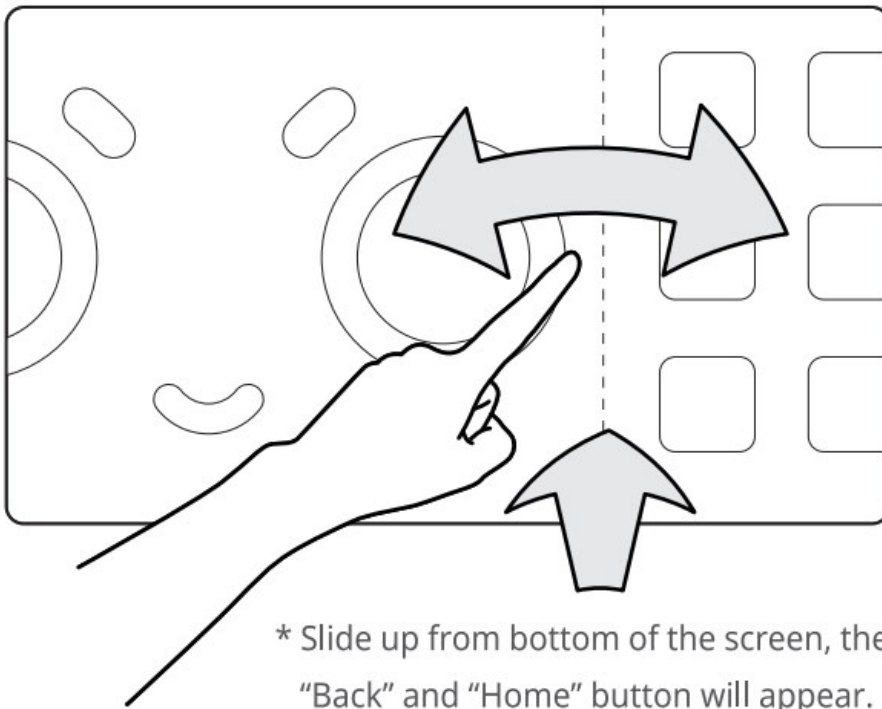


Click  to switch input methods

#### Open the Menu

##### eye Menu\* / Pet Screen / Function Menu

You may swipe left and right on the screen to switch between the eye Menu, Pet Screen and Function Menu.

**eye Menu\*:**

Enjoy the diversified services of eye, which offer a series of educational materials, entertainment and lifestyle information.

**Pet Screen:**

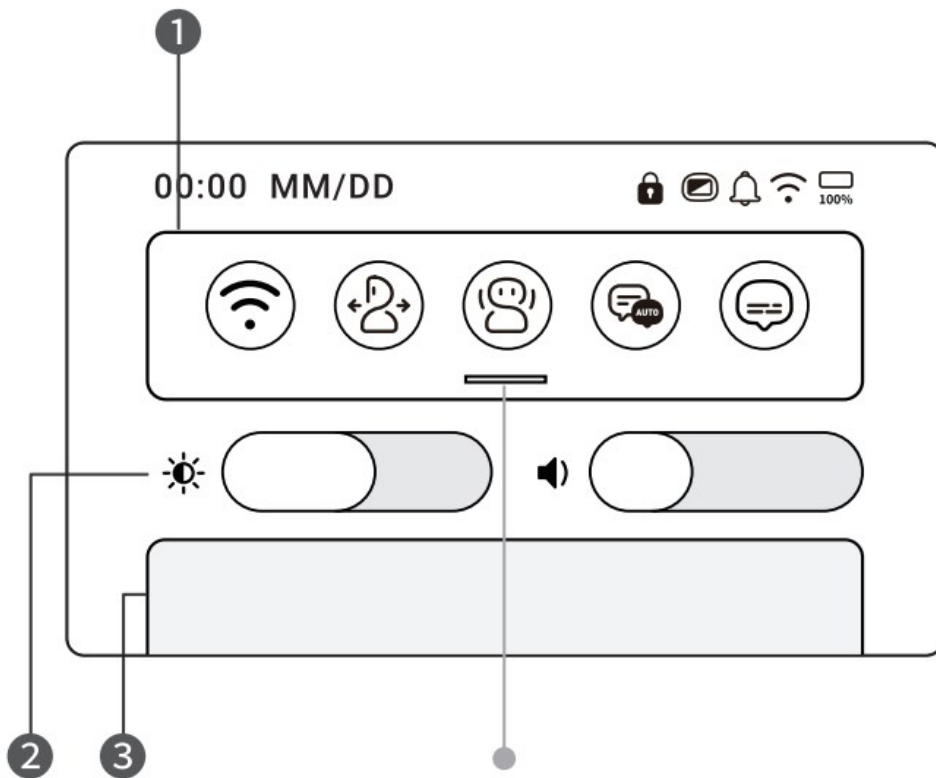
This is the start- up default mode. You can have a conversation with the robot on the Pet Screen. Click "Home Button" or swipe to the right from the Function Menu to return to the Pet Screen.

**Function Menu:**

You can browse all the built-in APPs of the robot in the Function Menu, including Sing and Dance and Creative Learning . You can also explore the various functions of the robot and delete / manage them.

**Shortcut and Notification Panel**

Slide down from the top edge of the screen to open the Shortcut and Notification Panel. There are three main areas: Function Shortcut, Screen Brightness / Volume Control, and Notification Area.



Scroll down to see more functions.

#### 1. **Function Shortcut:**

Shortcuts in this area enable you to quickly set up your robot. You may click the editing button on the bottom to change the sequence; or to display or cancel the shortcuts.

#### 2. **Screen Brightness / Volume Control:**

Drag the control bar to adjust the screen brightness or volume.













#### 3. **Notification Area:**

Display the system status, system notification, or messages from different applications of the robot.

**\* Only applicable to customers of HKT eye.**

### **Common control instructions**

You can adjust the following robot functions in the “Function Shortcut” or “Settings” according to the situation:

|   |   |   |   |
|---|---|---|---|
|    | WiFi  |    | Active dialogue   |
|   | Please connect to WiFi or mobile hotspot to allow you to enjoy a complete robot experience.   |   | You may turn off the recognition function to avoid the robot seeing you, that is, the function enables it to talk to you actively.            |
|    | Bluetooth   |    | Subtitle  |
|   | Bluetooth device can be connected according to the guidance of some value-added services.   |   | Captions can be turned off.   |
|    | Image delivery  |    | LED   |
|   | compatible with all devices).   |   | LED lights can be turned off on the robot.  |
|  | Action  |  | Eye Protection Mode   |
|   | Robot's body movement can be turned off (it can still move when the movement is turned off).  |   | The eye protection mode of the robot screen can be turned on to reduce the damage of blue light to the eyes (the screen color will be yellow) |
|  | Movement  |  | Notification  |
|   | The robot can move while turned off (its body still moves when it is turned off)  |   | You can watch the information sent by Nuwa to the robot user  |
|  | Audio recognition   |  | Edit  |
|   | When the robot is under the turning-off condition, it turns in the direction of wherever the waking words come. (This function does not work when |   | In the last button of Shortcut Area, you can edit the contents and orders of the buttons.   |

**Home Button:** The function of this button may be modified due to specific needs)

| Action         | Effects   |
|----------------|---|
| Quick Press    | Press the Home Button on the Pet Screen quickly to turn off the screen and have Kebbi enter Sleep Mode.                             |
|                | Press the Home Button in any application to return to the Home Page (Pet Screen).   |
| Press and Hold | Press and Hold the Home Button for three seconds to access the following power options: Do-Not-Disturb Mode; Restart; or Power Off. |
|                | When the robot is shut down, press and hold the Power Button on Kebbi's head for three seconds to turn on the system.               |

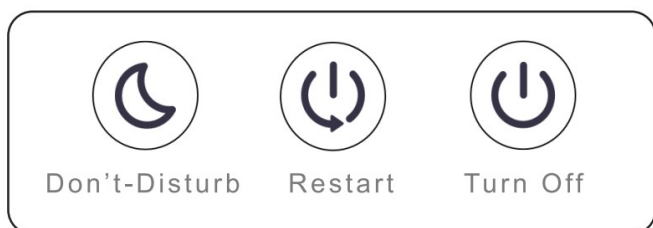
## On/Off Instructions

### Turning On the System

1. Press and Hold the Home Button for three seconds to activate the system and display the startup screen.
2. When the Pet Screen appears, the robot has been successfully activated.

### Restart

1. Under the System Startup Menu, press and hold the Home Button for three seconds to access the power options (as shown in picture on the right).
2. Select "Restart" and all the Apps in Kebbi will restart automatically.



Power Options

### Turning Off the System

1. Under System Startup, press and hold the Home Button for three seconds to access the power options.
2. Select "Turn Off".

## Update Instructions

1. The robot will automatically check for updates while connected to the internet and will prompt you when a new update is available.
2. You can also enter "Settings" and select, "Check Update Manually" to manually check for any newly released

updates.

We will continue to optimize the functions and content of the robot, so we strongly recommend staying up-to-date with the latest system upgrades.

## Robot Connection Name

The robot connection name appears when you are connecting to the robot using the mobile APP or related webpage. The default name is: The robot's product name + last three digits of the serial number. You may edit the Robot Connection Name in "Settings"→"About Robot"→"Robot's Name" so that you will recognize your robot faster in the future.

\*Editing this name will not cause any change on the awakening words or the name the robot uses to refer to you.

## Introduction to Power Modes



**Sleep Mode (Standby)** – When the robot is in Sleep Mode, the screen is off. Kebbi will still respond when called.

### Enter Sleep Mode:

- Press the Home Button on the Pet Screen to enter Sleep Mode and the robot will fall asleep.
- The robot will automatically enter Sleep Mode after 5 minutes in Standby Mode.

### End Sleep Mode:

- Press the Home Button once to end the Sleep Mode and open the Pet Screen.
- Say, "Hello Kebbi" to wake the robot, ending Sleep Mode.



**Do-Not-Disturb Mode** – When the robot is in Do-Not-Disturb Mode, speaking to Kebbi will not wake it. The only way to wake the robot from this mode is by pressing the Home Button.

### Enter Do-Not-Disturb Mode:

- Press and hold the Home Screen button for 3 seconds. Click "Do-Not-Disturb Mode" under Power Options.

### End Do-Not-Disturb Mode:

- Press the Home Button to open the Pet Screen.



**Motion Lock** – The Motion Lock will turn off the motor on the bottom of the robot, preventing the robot from moving.

### Turning the Motion Lock On/Off:

- When the robot is awoken, you can set the motion options to: On (Unlocked) or Off (Locked).
- From the Notification Panel Click the "Motion" button. When the button is green, motion is unlocked, and the

robot can move. When the button is white, motion is locked.

\*When the robot is plugged in and charging, the system will automatically lock the motion setting to prevent the robot from moving and pulling its power cord. Do not attempt to unlock the motion setting while your robot is charging. Once the robot is unplugged, motion will automatically be unlocked.

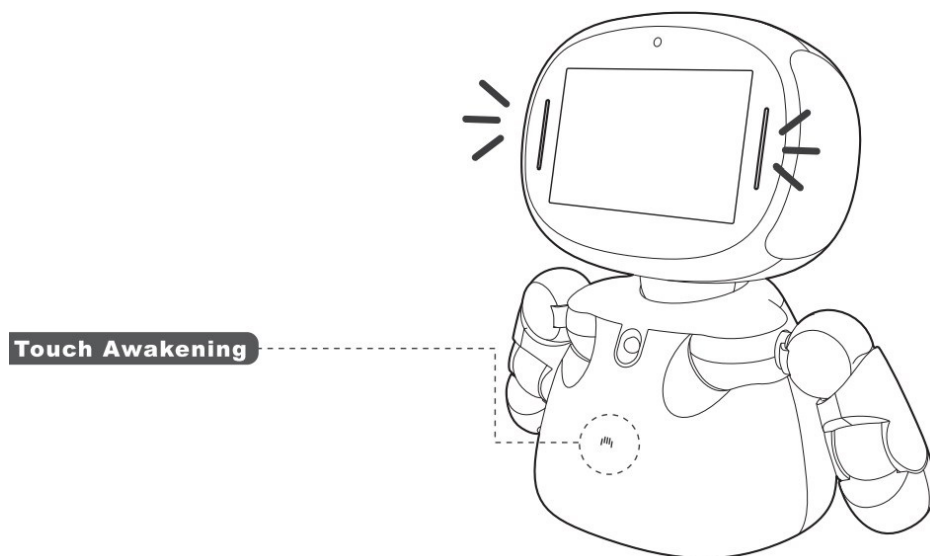


**Action Lock** – The Action Lock will turn off the motor controlling the robot's head and arms. The indicator lights on the robot's face and arms will turn dark blue when in this mode.

#### **Turning the Action Lock On/Off:**

- When the robot is awoken, you can set the Action options of the robot to: On (Unlock Action) or Off (Lock Action)
- From the Notification Panel, Click the "Action" button. When the button is green, Action is unlocked and the robot's face and arms can move. When the button is white, Action is locked and the face and arms will not move.

### **Start a Conversation with the Robot**



#### **Step 1: Wake the Robot**

If you want to give commands to your robot, you need to get its attention first. Use one of the following methods to wake your robot.

##### **Method A – Vocal Awakening**

Say, "Hello Kebbi" while standing 1-3 meters away and the robot will reply, "Hi".

##### **Method B – Touch Awakening**

Gently touch the symbol on the robot's belly to awake it and it will reply, "Yes".

**Note:** The voice recognition function will be hindered under noisy surroundings.

#### **Step 2: Command the robot when the yellow light is on**

When the robot's face and chest are lighted up in yellow, you may command it in detail. For example : "Open the

Function Menu”, “How is the weather in Hong Kong?”, “I want to watch the Kebbi theme song”. For detailed instructions, please refer to the “Key Commands” in the appendix or use the online customer service platform.

## Precautions



To reduce the risk of personal injury and/or property damage, please read all safety information and operating instructions before using the robot.



To reduce the risk of personal injury and/or property damage, please do not disassemble the outer case of the robot.

- Children should use the robot only under adult supervision.
- Clear the area surrounding the robot during use, as any barrier might affect the robot’s movement.
- In order to move the robot, lift the body of the robot with both hands.

When using the movement function, please place the robot on a flat floor or surface to prevent it from falling down and getting damaged.

- While operating the robot, do not attempt to move its joints. Doing so could result in injury to you or damage to the robot.
- Do not subject this product to mechanical shock (i.e. do not drop the robot)
- Do not leave the product or the battery where it will be exposed to a heat source, fire, or temperatures over 40°C.
- Do not immerse the product in water or any liquid to prevent short circuiting.
- Please use the original OEM charger. Do not use any other brand charger.
- When using the charger, be sure your hands are dry and hold the plug of the power cord to unplug it. Do not pull the cord. If the cable is broken or the outer plastic sheath is stripped off, stop using the charger immediately.
- Please wipe the robot with a soft cloth moistened with diluted alcohol. Do not rinse the robot with water or clean it with detergents of strong acid and strong base, as these might cause damage on the coating of the product.
- Do not attempt to replace the battery. If you need to change the battery, please send the product to the original equipment manufacturer.
- If you need to leave the robot for a long time, please turn off the main power at the top of the head. Store the product in a cool, dry place. To prevent the battery from being overdischarged, please charge it at least once every three months.
- Recommended user to take a 10-minute break after every 30 minutes.
- This product is suitable to be used safely in tropical climate areas.

## Specification

| Part                     | Spec   | Part       | Spec                                |
|--------------------------|--|------------|-------------------------------------|
| Dimension                | 318 x 307 x 166 mm   | Bluetooth  | Bluetooth 4.2                       |
| Weight                   | 2.56 kg  | OS         | Android 9                           |
| Speaker                  | 40 3W  | CPU        | Qualcomm Octa-core                  |
| Light                    | RGB LED *5   | RAM        | LPDDR3 3GB                          |
| Wifi                     | 802.11 a/b/g/n/ac  | Storage    | eMMC 32GB                           |
| Ports                    | USB type C port Micro S D slot                               | SD card    | Max support 128 GB Micro SD         |
| Sensor                   | PIR sensor / Touch sensor / Drop sensor                      | voltage    | 3.7V                                |
| Language                 | Chinese / English, voice recognition distance about 3 meters | Battery    | 9100 mAh                            |
| Adapter Rated power:18 W | Input:AC100-240V 50/60Hz 0.5A Output:DC5 V-3A/DC9V-2A        | Servomotor | 12*servo motors                     |
| Camera                   | 500 million pixels   | Panel      | 7 inch LCD , Capacitive Multi-touch |
| OperatingTEMP.           | 0℃—40℃   | Mic        | 6*Mics                              |
| ChargingTEMP.            | 0℃—40℃   |            |                                     |

## SD Memory Card

You will gain more storage space by using the “Storage Expansion with SD Card” function on the robot. Kebbi supports one MicroSD Card to expand the internal storage.

Supported SD Card Formats: SD,SD(HC), SD(XC) Class 10, 128G SD(HC), SD(XC) USH1(U1, Class10) 128G

### Expand the storage by following these steps:

1. Prepare a blank MicroSD Card.
2. Insert the card into the card slot on the robot's head.
3. Enter “Storage Space” from the left menu and click “Format as Internal Storage” under the title of MicroSD Card.
4. Complete the transfer according to the guides on the screen.



Unloading the MicroSD Card is not encouraged, as the expanded internal storage might save important system data.

## Federal Communication Commission Interference Statement

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 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.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

### IMPORTANT NOTE:

#### Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Country Code selection feature to be disabled for products marketed to the US/CANADA. Operation of this device is restricted to indoor use only.

## Troubleshooting

| Problems  | Things to Confirm   | Solution  |
|---|---------------------|---|
| Nothing happens when you press and hold the power button. The robot does not turn on. | Is the battery low? | Charge the robot with its original OEM charger. |

|   |  |   |
|---|--|---|
| The power indicator light does not flash when the robot is being charged. | <ol style="list-style-type: none"> <li>1. Is the battery fully charged?</li> <li>2. Is the charger properly plugged into the outlet?</li> <li>3. Are you using the original OEM charger?</li> </ol>                    | <ol style="list-style-type: none"> <li>1. The indicator light will stop flashing when the battery is fully charged. You may use the robot.</li> <li>2. Unplug the power cord and plug it back into the outlet.</li> <li>3. Not using the proper charger / cable may result in charging failure. Please contact us if you need a replacement.</li> </ol> |
| WiFi connection failed or is not connecting.                              | Open the drop-down menu to confirm that the WiFi router is connected.  | Select the WiFi router you wish to connect to and enter the required password to establish connection.  |
| The Nuwa CodeLab function is unavailable.                                 | <ol style="list-style-type: none"> <li>1. Have you downloaded the Nuwa CodeLab APP to your phone?</li> <li>2. Has the phone searched and selected the robot?</li> <li>3. Did you click, "Start" on the APP?</li> </ol> | <ol style="list-style-type: none"> <li>1. Download the APP by referring to the link on the official website.</li> <li>2. Follow the directions in the User Guide to select the robot to be connected.</li> <li>3. Click, "Start" on the APP.</li> </ol>   |
| That is not functioning at all.   | None of the robot operations are working and/or the robot will not restart.  | Press and hold the power button for 10 seconds to force restart.  |

## Related links

Download Centre



Official Website



Nuwa Support




Designed by NUWA ROBOTICS (HK) LIMITED

Website: [www.nuwarobotics.com](http://www.nuwarobotics.com)

E-mail: [service@nuwarobotics.com](mailto:service@nuwarobotics.com)

Facebook Fans Page: Nuwa Robotics

**Documents / Resources**

|   |  |
|---|--|
|  | <p><a href="#">NUWA ROBOTICS Kebbi Air S Smart Robot</a> [pdf] User Manual</p> <p>Kebbi Air S Smart Robot, Kebbi Air S, Smart Robot, Robot</p> |
|---|--|