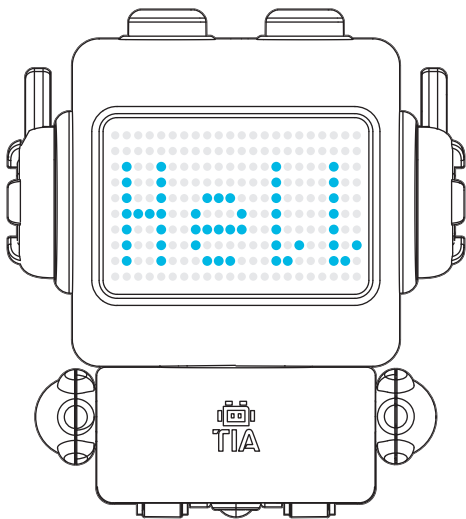


ROBOT CUBBY

Instruction Manual





INTRODUCTION

Thank you for purchasing ROBOT CUBBY!

Please read and follow all instructions carefully before using this robot, and keep this instruction manual as a reference.

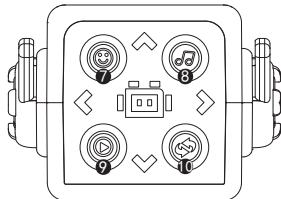
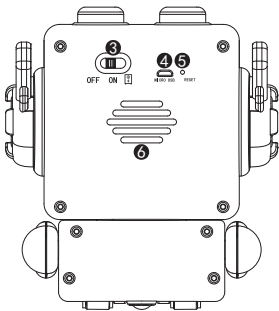
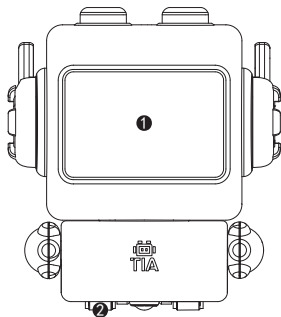


FUNCTIONS

- | | | |
|--------------------|---------------------------|------------------------------------|
| ①Facial expression | ④Special effect animation | ⑦Senior programming |
| ②Smart speech | ⑤Auto demonstration | ⑧Children's songs in English |
| ③Bluetooth | ⑥App control | ⑨Sound effect of facial expression |



GET TO KNOW YOUR ROBOT



- | | |
|--|--------------------|
| ①LED light | ⑥Loudspeaker |
| ②Wheel | ⑦Facial expression |
| ③3-position power switch(OFF/ON/Bluetooth speaker) | ⑧Music |
| ④USB charging port | ⑨Demonstration |
| ⑤Restart | ⑩Resetting |





FUNCTION SETTING



Startup Setting

- Slide the power switch to ON – turn it on to the startup state.
The robot plays the startup sound effect + LED light of the eyes is on.
- Slide the power switch to Bluetooth speaker and enter the Bluetooth speaker mode.
It is static without actions. **This mode is used for music playing and mobile phone connection.**
- Slide the power switch to OFF – turn it off. It is directly powered off and starts a shutdown state.



Button Instruction

Button	Instruction								
 Facial expression	Under shutdown, press “facial expression”. It plays a sound effect + changes of eye light. It will play one piece of music for each press, for 7 pieces in total. <table border="0"> <tr> <td>1. Laughter</td> <td>5. Snoring</td> </tr> <tr> <td>2. Happiness</td> <td>6. Robot sound effect 1</td> </tr> <tr> <td>3. Crying</td> <td>7. Robot sound effect 2</td> </tr> <tr> <td>4. Dizziness</td> <td></td> </tr> </table>	1. Laughter	5. Snoring	2. Happiness	6. Robot sound effect 1	3. Crying	7. Robot sound effect 2	4. Dizziness	
1. Laughter	5. Snoring								
2. Happiness	6. Robot sound effect 1								
3. Crying	7. Robot sound effect 2								
4. Dizziness									
 Music	Under shutdown, press “music”. It plays one piece of music + changes of eye light + motor working. It will play one piece of music for each press, for 7 pieces in total.								
 Demonstration	Under startup, press “demonstration”. It plays demonstration contents + changes of eye light + motor working. It will play one piece of demonstration contents for each press, for 3 pieces in total. - You will hear “Hello, who are you” and see a facial expression after triggering the button for the first time (it is invalid to press it again after first-time triggering. It will be triggered after pressing of any other button and then the “demonstration” button) - After second-time triggering of it, it will play an action sound effect + facial expression in sequence. - After third-time triggering of the button, it will play a piece of music.								
 Resetting	Under shutdown, press “resetting” to pause the current contents under playing and enter the shutdown state again.								





SMART SPEECH

Say a voice command to make the robot execute an action.



Say "Go ahead/Go forward" to the robot
Robot – **execute "go ahead"**



Say "Go backward" to the robot
Robot – **execute "go backward"**



Say "Turn left" to the robot
Robot – **execute "turn left"**



Say "Turn right" to the robot
Robot – **execute "turn right"**



Say "Look to the left" to the robot
Robot – **execute "look to the left" of head**



Say "Look to the right" to the robot
Robot – **execute "look to the right" of head**



Say "Music" to the robot
Robot – **play a piece of music + an action**



Say "Smile" to the robot
Robot – **play a laughter + eye light gives a smile**



Say "Change face" to the robot
Robot – **play a sound effect of happiness + eye light gives a happy facial expression**



Say "Show it" to the robot
Robot – **execute demonstration contents**

Tips:

Speech recognition is only valid under startup. It is invalid under Bluetooth speaker mode and shutdown state.





SCAN TO DOWNLOAD APP

To install TIA APP, please use a mobile device to scan the following QR code for downloading. (<http://fir.icloudrover.com/nb15> as an alternative downloading link)



TIA

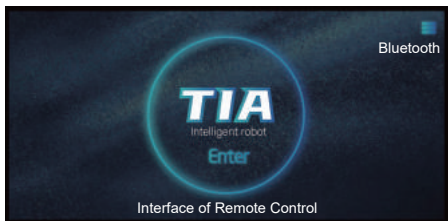


APP INTERFACE



Interface of Remote Control

1. Bluetooth:
enter the Bluetooth interface
2. Enter:
enter the mode homepage



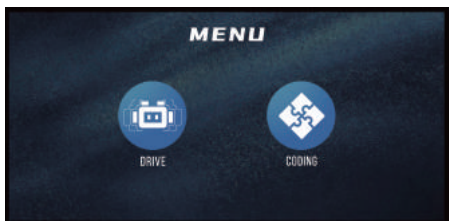
Interface of Bluetooth connection



Click to connect Bluetooth

Interface of Mode Homepage

1. Drive
2. Programming



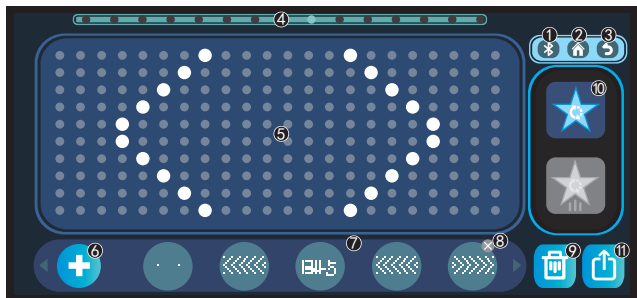
Interface of Drive Mode



1. Direction joystick (control the robot to go ahead, go backward, turn left and turn right)
2. Facial expression edit (click to enter the interface of facial expression edit)
3. Bluetooth (on/off)
4. Homepage (back to mode homepage interface)
5. Back (back to mode homepage interface)
6. Selector of pre-programmed facial expression (switch pre-loaded facial expressions of robot)
7. Selector of customized facial expression (switch customized edited facial expressions)
8. Music (play pre-loaded music of robot)
9. Sound effect (play pre-loaded sound effects of robot)
10. Display (control on/off of light)
11. Sound adjustment key (control the volume of the robot)
12. Look to the left/right (make the robot look to the left/right)

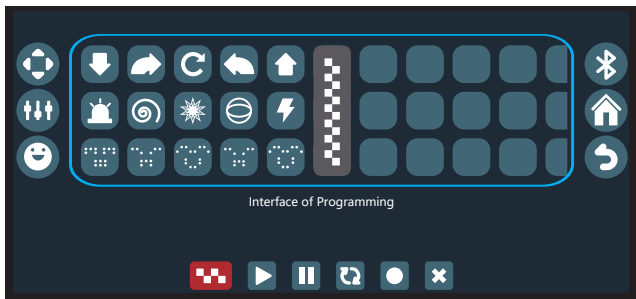


Interface of Facial Expression Edit



1. Bluetooth (on/off)
2. Homepage (back to mode homepage interface)
3. Back (back to drive mode interface)
4. Page slider (add page click points, up to 10 pages)
5. Edit column of facial expressions (edit or delete all facial expressions, pre-programmed robot facial expressions not displayed)
6. Add (add a new facial expression, newly-added according to original facial expressions)
7. Column of facial expressions (drag to select any facial expression, first three as pre-programmed facial expressions)
8. Cancel (delete the selected facial expression)
9. Delete (empty the facial expression edit column)
10. Animation (switch facial expression display effects)
11. Upload (transfer facial expression to robot)

Interface of Programming



-  Action (click right edit column for programming)
-  Sound (click right edit column for programming)
-  Facial expression (click right edit column for programming)
-  Bluetooth (on/off)
-  Homepage (back to mode homepage interface)
-  Back (back to mode homepage interface)
-  Stop (after editing, click “stop” to add stop symbol after programming, the STOP symbol must be added before the command can be executed)
-  Play (play current programmed contents)
-  Pause (pause playing)
-  Cycle (cycled playing)
-  Save (save current programmed contents, 3 sequences to be saved)
-  Delete (delete the selected programming object)

Special Effect Animation



Light on if selected

Light off if not selected

 **Note:** Only one animation effect is selected each time. Multi-selection is not available.



Rolling:

Leftward cycled screen shift, delete the original picture to display the first picture immediately. Used for multi-page long sentence display.



Continuous rolling:

Leftward cycled screen shift. The first picture is not displayed immediately. To delete the original picture by rolling. Used for some facial expression rolling shift and display of long sentences.



Quick picture shift:

Quick shift of a whole page. Stop at the last page. Used for regular and quick actions, such as “startup animation”. It fails to see the single page clearly and realizes whole-page quick shift.



Slow picture shift:

Slow cycled shift of a whole page. Used for shift of some facial expressions, with single pages seen clearly.

**Single-picture left-in:**

Shift the screen from left to right. Move in a new picture slowly from left. Pause for completion of each picture.

**Single-picture right-in:**

Shift the screen from right to left. Move in a new picture slowly from right. Pause for completion of each picture.

**Continuous left-in:**

Coverage and shift from left to right. The former picture is gradually replaced by the new one from left, similar to page turning from the left.

**Continuous right-in:**

Coverage and shift from right to left. The former picture is gradually replaced by the new one from right, similar to page turning from the right.

**Horizontal diffusion:**

Coverage and shift from the middle to two sides. The former picture is gradually replaced by the new one from left, similar to page turning from the middle.

**Horizontal gathering:**

Coverage and shift from two sides to the middle. The former picture is gradually replaced by the new one from right, similar to book closing.

**Downward shift-in:**

Downward coverage and shift. The former picture is gradually replaced by the new one from the top, similar to falling.

**Upward shift-in:**

Upward coverage and shift. The former picture is gradually replaced by the new one from the bottom, similar to rising.

**Vertical diffusion:**

Coverage and shift from the middle to the top and bottom. The former picture is gradually replaced by the new one from left, similar to horizontal page turning from the middle.

**Vertical gathering:**

Coverage and shift from the top and bottom to the middle. The former picture is gradually replaced by the new one from right, similar to horizontal book closing.

**Shutters:**

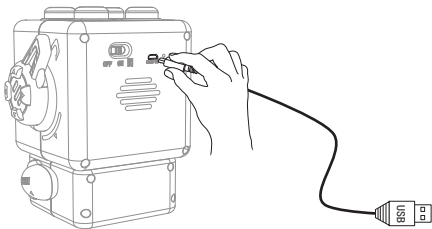
Coverage and shift from multiple positions. The former picture is gradually replaced by the new one from multiple directions, similar to grid switching.





ROBOT CHARGING

Insert one end of the USB cable into the robot charging port, with the other end connected to the USB power port for charging (eg. laptop, mobile power supply, USB outlet, power adapter). Built-in battery capacity of 600mA for the robot, with 120min charging.



TROUBLESHOOTING GUIDE

No.	Problems	Causes	Solutions
1	Constant flicker of eye light	Low battery	Charge the robot
2	No reaction	Low battery	Charge the robot
3	Bluetooth not finding	Powered off	Slide the power switch to Bluetooth Speaker position
4		Powered on	Slide the power switch to Bluetooth Speaker position
5		Out of range	Close to the robot and re-pair



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

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.

Smart

