物料名称：Oculus 0 说明书EN 版本：v1.0
图号：M0E-04-01

制作要求：
工艺：八折页，105g铜版纸，双面彩打
尺寸：88*125mm

Abilix
Educational Robot Inventor

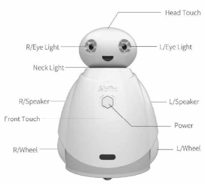
Oculus

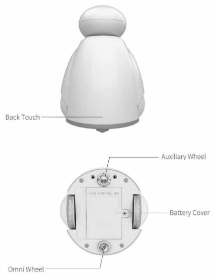
Educational Robot Mobile Series

User Manual v1.0
(applicable to Oculus 0)

www.abilix.com

Oculus 0





Welcome to Oculus

⚠ **Warning: FALL PREVENTION ON HIGH GROUNDS**
MECHANICAL DEVICE, MIND YOUR HANDS

1.1. Instruction

1.1 Battery Installation:

This product requires 6 1.5V AA alkaline batteries, which are installed in the battery compartment at the bottom of the robot. Open the battery cover with a screwdriver and install batteries according to the polarity instruction.

1.2 Start-up

Steps	1. Press power at the front of the robot for 1 second
	2. Eye light turns green and power flashes green light
	3. Start-up complete

1.3 Shut-down

Steps	1. Press power at the front of the robot for 4 seconds
	2. Power light turns off and voice prompt "Bye-Bye" will be played
	3. Shut-down complete

Note: Robot will automatically shut down when batteries run low. Please change the batteries when the robot repetitively shuts down.,

1.4 Power Light Status

Power Light Status	Red pulsing	Fail to connect to router
	Red	Ready to connect to router
	Green	Connected to router
	Green pulsing	Selected in mobile phone, ready for connection
	Blue	Running mobile-end programs

2. 2. Connect Robot

2.1 Connect your phone to router.

2.2 Steps:

2.2.1 Android users can scan the QR code below or on the package to install Abilix Apps (Abilix app store).

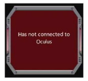
Abilix Apps

Note: iOS users can download Abilix Apps in App Store.

2.2.2 Install Oculus Virtual Brain: Android users can find the app in Abilix Apps and iOS users can find the app in App Store.。

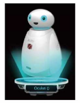
2.2.3 Connect the robot:

1) Open Oculus Virtual Brain (Fig 2).



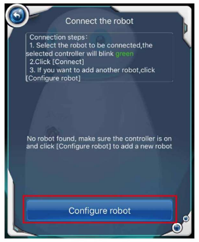
(Fig 2)

2) Click the scan icon on upper right and enter the robot model selection page (Fig 3).



(Fig 3)

3) Click Oculus 0 and the following page will pop up. Click Configure Robot (Fig 4)



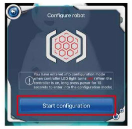
Connect the robot

Connection steps:
1. Select the robot to be connected,the selected controller will blink green
2.Click [Connect]
3. If you want to add another robot,click [Configure robot]

No robot found, make sure the controller is on and click [Configure robot] to add a new robot

(Fig 4)

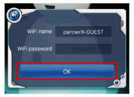
4) Click Start Configuration (Fig 5).



You have entered into configuration mode when controller LED light turns red (When the controller is on, long press power for 10 seconds to enter into the configuration mode)

(Fig 5)

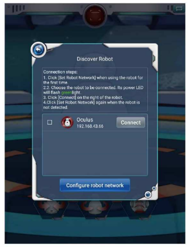
5) Enter WiFi password and click OK (Fig 6).



WiFi name: partnerX-GUEST
WiFi password

(Fig 6)

6) When the robot is successfully connected with the router, the following page will pop up (Fig 7).



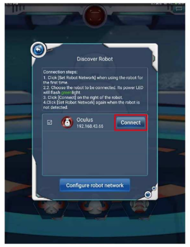
Discover Robot

Connection steps:
1. Click [Set Robot Network] when using the robot for the first time.
2.2. Choose the robot to be connected. Its power LED will flash greenlight.
3. Click [Connect] on the right of the robot.
4.Click [Set Robot Network] again when the robot is not detected.

☐ Oculus 192.168.43.66

(Fig 7)

7) Click the box for the robot to be connected. The Connection button will turn green and the robot power will flash green light (Fig 8);



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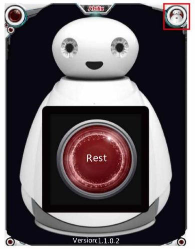
☑ Oculus 192.168.43.66

(Fig 8)

8) Click "Connection" . When the robot is successfully connected with the mobile phone, the interface of Oculus Virtual Brain will pop up and the upper right icon will turn into a robot icon.



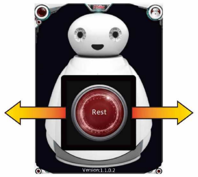
(Fig 9)

Apps

Oculus 0 provides a wide selection of apps and entertainment for users. Users can find more Oculus Apps in Abilix Apps.

Oculus Virtual Brain

Virtual Brian is the control center of Oculus 0. Users can change the robot' s volume, language and other settings in Virtual Brain. You can swipe the screen to switch functions.



Virtual Brain is also the operation center of Oculus 0, such as dance moves downloaded from Skill Player and programs edited in Abilix Chart.

Users can go to Abilix Apps for more games and download them to Virtual Brain.

Others

Oculus Controller	Control the moving direction and speed of the robot. You can also change the head movement pattern as well as its lighting and sound effects.
Meet Oculus	An App to get familiar with Oculus' s sensors and actuators.
Oculus Project Programming	A module-based programming app with various application scenarios. Suitable for children and beginners.
Abilix Scratch	Abilix Scratch is a Scratch-based programming software through dragging program modules. When the programming is completed, users can debug and run these programs online
Abilix Chart	Abilix Chart supports standard flowchart programming.
Abilix Skill Player	Play and edit music and dance routines.

Note: Visit www.abilix.com/support/Oculus for more.

Function Mode

Oculus Function Mode	Solo Mode
	Phone/Tablet Connection Mode

Oculus 0 will automatically enter Solo Mode when started up. In Solo Mode:

Solo Mode	1. Self-introduction: If users do not send command to the robot, the robot will randomly introduce its functions for every 10 seconds with movement and light effects. If the robot does not receive any command in 5 minutes, it will prepare for shut-down (a voice prompt will be played); the robot will automatically turn off 1 minute afterwards.
	2. Intelligent Feedback: When users touch the head, front or back of the robot, the robot will give different feedback based on the touch frequency and approach.
	3. Singing and dancing: Singing and dancing mode will be triggered when users pat the robot' s head for over 2 seconds. Pat the head again for 2 seconds to play the next song.
Phone/Tablet Connection Mode	When the robot is connected to phone or tablet, users can operate the robot with Apps installed on the phone or tablet. See Apps for more.
Compatible Devices	iPad: iOS 9.0 or above; iPad 4/iPad mini or after iPhone: iOS 9.0 or above; iPhone 6 or after Android Tablet: Android 4.4 or above; minimal resolution:1280*800 Android Phone: Android 4.4 or above; minimal resolution:1280*720

Note: Users can user Skill Player downloaded in their phone to play more music and dance moves.
Environment: Please use the robot on hardwood floor, tiled floor, short plush carpet or other flat surface.

Battery Use Precaution

1. This product requires 6 new 1.5V AA alkaline battery;
2. When installing the battery, the polarity must match the direction shown in the battery compartment.
3. Do not use different brands of batteries and do not mix new and old batteries.
4. If rechargeable batteries are used, please charge the batteries with the correct charger under adult supervision; do not charge the battery when using the product; do not forcefully charge the battery; do not charge non-rechargeable battery.
5. When batteries run out, please open the battery cover and take out the batteries. Then follow instructions to install new batteries.
6. Take out batteries between use to avoid damages to the product.
7. Do not use damaged batteries.
8. Battery pole pieces should avoid direct contact in order to protect the robot from short circuit.
9. Do not let liquid contact the battery compartment to avoid short circuit.
10. Do not mix alkaline, standard (carbon-zinc), or rechargeablebatteries.

One-year warranty

Firmware Update

Before the update, please make sure the mobile device is connected to network and the app is connected to the robot. Notification will pop up in the App if there is any update. Click OK to update. The update may take some time. Please make sure the robot is fully charged and wait patiently.

For more technical support:

Hotline: 400 8080 199
Abilix Website: www.abilix.com
You can also visit www.abilix.com/support/Oculus for the latest Oculus software and user manual.
Please contact local authorized retailer for technical support.

partnerX

Manufacturer: Shanghai PartnerX Robotics Co., Ltd
Address: 8th Floor, Building 90, No.1122 North Qinzhou Rd., Xuhui District,Shanghai
Zip Code: 200233
Tel: 400 8080 199
Website: www.abilix.com