

# Krypton

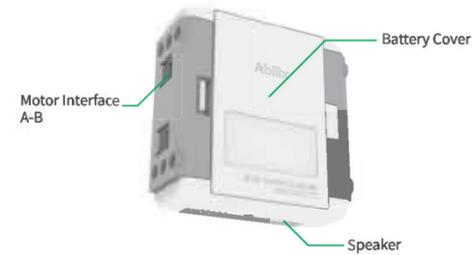
Educational Robot Brick Series

## User Manual v1.0

(Applicable Model: Krypton 0/ Krypton 1/ Krypton 2)

www.abilix.com

### Controller



### Welcome to Krypton !

#### Battery Installation Requirements:

This product requires 6 1.5V AA alkaline batteries to operate. Batteries are installed in the battery compartment at the back of the controller. Push the button on the side of the battery compartment to open the cover. Install 6 batteries according to the polarity shown on the inside of the cover. Note that the polarity of the batteries must match the directions shown inside the cover.

**Turning on:** Press the home button on the controller for about 3 seconds and loose the finger, a start-up tone will be heard, the LED light turning bright or flashing slowly indicates the start-up is completed.

**Turning off:** Press the home button on the controller for about 3 seconds and loose the finger, a shut-down tone will be heard, the LED light turning off indicates the shut-down is completed.

#### Software

Abilix Apps	It is "Abilix App Store", including Apps such as: Meet Krypton, Krypton Project Programming, Abilix Scratch, Abilix Chart, etc.
Krypton Virtual Brain	Simulate Krypton controller system on a mobile device to run the edited program and understand the controller information.
Meet Krypton	"Meet Krypton" is an App for users to know about the functions of Krypton's components and how to use them.
Krypton Project Programming	"Krypton Project Programming" is an App helping users assemble dozens of official Krypton models referring to 3D animation; users also can write programs via action module design programs and operate or debug online.

Abilix Scratch	"Abilix Scratch" is an App for scratch programming by means of mode-dragging. It is applicable to the juvenile and Krypton professional players.You can debug and run programs on-line.
Abilix Chart	"Abilix Chart" is an App for chart programming by means of downloading the completed program on the controller to run automatically. It is applicable to the juvenile and Krypton professional players.You can run the user-designed program online via Krypton Virtual Brain .

Notes: You also can visit [www.abilix.com/support/krypton](http://www.abilix.com/support/krypton) for more details.

#### Advice to Novice:

Android users can download and install Abilix Apps (Abilix App Store) for more program Apps;

iOS users can find more program Apps in App Store.

#### App Download:

Name	Download	Applicable devices
 Abilix Apps	Android: Download in "Google Play".	Mobile Phone and Pad
Krypton Virtual Brain	1. Android: Search "Krypton Virtual Brain", "Meet Krypton" or "Krypton Project Programming" in Abilix Apps, download and install;	
Meet Krypton	2. iOS: Search "Krypton Virtual Brain", "Meet Krypton" or "Krypton Project Programming" in App Store, download and install.	
Krypton Project Programming		

Abilix Scratch	1. Android: Search "Abilix Scratch" or "Abilix Chart" in Abilix Apps, download and install;	Pad
Abilix Chart	2. iOS: Search "Abilix Scratch" or "Abilix Chart" in App Store, download and install.	
Applicable Models	iPad: iOS 9.0 and above, iPad 4/iPad mini and newly-launched models. iPhone: iOS 9.0 and above, iPhone 6 and newly-launched models. Android Pad: The resolution shall be 1280*800 at least. Android Phone: The resolution shall be 1280*720 at least.	

#### Connect to the controller

Use router to connect controller and your mobile device to operate programs on-line or start all functions; after the first-time connection and setting are completed, use normal connection in the future time. If the controller is disconnected, there will be a prompt when opening the APP.

First-time connection	1.Connect the mobile device to the wireless router; 2. Turn on the Krypton controller and the light is bright red steady for setting, connect the controller to the router; 3.Open App and choose Krypton 1,Krypton 2 or Krypton 3, tap the icon "Scan"; 4.Searching for controllers nearby that can be connected, tap the button " + " on the upper right to add in the device; 5.Confirm the light of the controller is bright red steady, tap "Next"; 6.Input the password of the current connected router and tap "Next" to complete the setting (the light turns green steady); 7.Choose the connecting controller and the light of the IP address corresponding controller will turn flashing green, tap "connect"; 8.A tone will be heard after connecting successfully.
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Normal connection	Turn on the controller of Krypton controller and the red light slowly flashes, indicating the controller is connecting to the router. When the light turns green on, a normal connection can start: 1.Connect the mobile device to the wireless router; 2.Open App and choose Krypton 1,Krypton 2 or Krypton 3, tap the icon "Scan"; 3.Searching for controllers nearby that can be connected, an interface will pop up the IP address of the controller; 4.Choose the connecting controller and the light of the IP address corresponding controller will turn flashing green, tap "connect"; 5.A tone will be heard after connecting successfully.
Reset	Press the home button for 10 seconds and the light turns bright red with a voice prompt (Factory version is restored), refer to the steps in "First-time connection" to connect.

#### Light Status:

Bright Red is on: The system is in factory version and needs to be set;  
Red light flashes slowly: The controller is connecting to the router;  
Green light flashes: The controller is chosen in App list;  
Bright Green is on: The controller has connected to the mobile device.

#### Connection Breakdown

Breakdown	Issue	Solution
Red light continues to flash slowly	The router has been changed	Reset
	The password of the router has been changed	Reset
Fail to start up	The signal of Wi-Fi is weak	Find somewhere with a strong Wi-Fi signal
	The battery capacity is not sufficient	Replace with a battery in full capacity

Fail to operate on-line	The connection is broken	Re-connect
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#### Firmware Upgrade

Ensure your mobile device has already joined the network and open App to connect to Krypton controller. If there is any update for the firmware, a prompt will pop up in App, tap "OK" to start to update.

Firmware update may take some time, please ensure your controller is fully charged and wait patiently.

#### Precautions for Battery Use!

- This product requires 6 new 1.5V AA alkaline batteries to operate;
- When the battery is installed, the polarity must match the direction shown on the inside of the controller battery cover;
- Do not use different types of batteries, and do not mix old batteries with new ones;
- If you use rechargeable batteries, be sure to use the correct battery charger to recharge the batteries and teenagers ought to recharge the batteries under adult supervision. Do not recharge the batteries while the product is in use. Please do not attempt to charge non-rechargeable batteries;
- Once the batteries are depleted, open the back cover of the battery compartment and remove the batteries. Then, follow the battery installation instructions to install new batteries;
- When the product is not in use, please remove the batteries from the battery compartment to avoid damaging the product;
- Do not use damaged batteries;
- Do not allow direct connection between the battery pole pieces inside the compartment to avoid short circuit and damaging the product;
- Do not let any liquid come into contact with the controller and the battery control box to avoid short circuit and damaging the circuit board.

#### Abilix One-Year Limited Warranty

Abilix guarantees that the accompanying hardware products and accessories are free from defects in material and workmanship for one year from the date of original retail purchase. Abilix does not warrant normal wear and tear, or damage caused by accident or abuse. For service, please call Abilix, or visit an Abilix retail store or an Abilix authorized service provider. The available services depend on the country or region where the service is requested. When you submit a valid claim pursuant to this warranty policy, Abilix will repair, replace or refund your brick series Krypton product.

#### For additional technical support:

Abilix Service hotline:400 8080 199  
Abilix Service E-mail: info@abilix.com  
Abilix official website:www.abilix.com  
Visit [www.abilix.com/support/krypton](http://www.abilix.com/support/krypton) to get the latest Krypton's software support and usage tutorials.  
Ask your local authorized distributor for information on technical support.



partnerX

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Address: 8th Floor, Building 90, No. 1122 North Qinzhou Road, Xuhui District, Shanghai, China.  
Zip Code: 200233  
Tel: 400 8080 199  
Website: [www.abilix.com](http://www.abilix.com)

物料名称：K012号产品使用手册EN 版本：v1.0  
图号：KEN-GD-08

制作要求：  
工艺：四折页，105g铜版纸，双面彩打  
尺寸：88\*125mm