

# Apitor

## User Guide

### Robot J

APR021 AGES 7+

### Robot R

APR022 AGES 6+

Support@apitor.com  
Apitor Technology Co., Ltd.

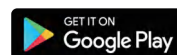
## 1 Download and Install the APP



iOS



Android

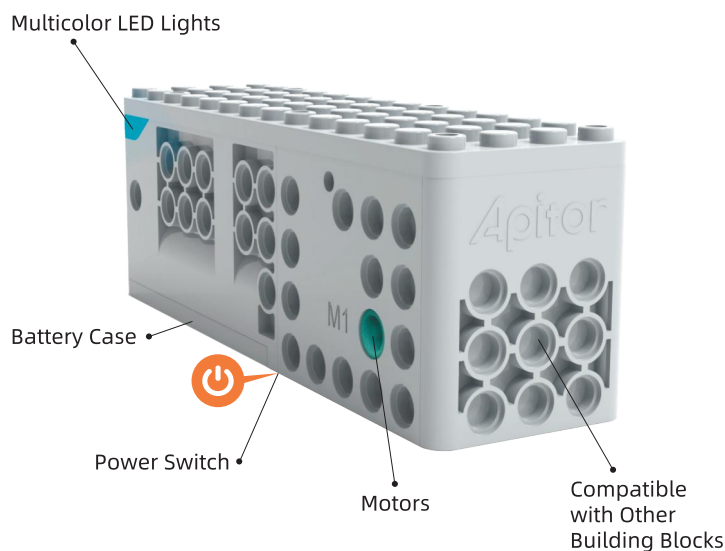


Android



- Search "Apitor Kit" in Apple App Store and Google Play to download the APP, or scan the QR code to download.
- When installing the APP, please allow all permission requests and enable "Location services" for Android required by the Bluetooth protocol.
- System requirements: Android 8 or higher, iOS 10 or higher, Bluetooth 4 or higher.

## 2 Control Module

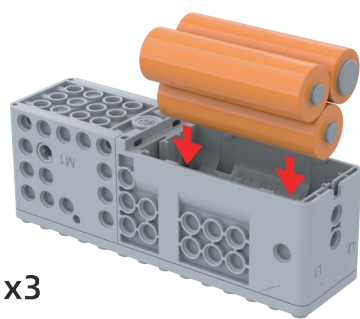


- **Control Module:** This component receives, processes, and executes commands. It controls motor rotation and LED light color. It also houses the battery and power switch.
- **Motors:** These are the driving forces behind the robot's movements and actions. They enable movement, rotation, and other functionalities. The Robot J/R includes 2 motors each (labeled as M1 and M2 on the main controller and referenced in programming).
- **LED Lights:** These lights offer seven colors (red, orange, yellow, green, indigo, blue, and violet) and can be programmed to display various flashing modes. They add visual effects and fun to creative projects. The Robot J/R includes 2 LED lights each (labeled as L1 and L2 on the main controller and referenced in programming).

- Bluetooth frequency: 2402-2480MHz, transmitting power < 0dBm.
- Hereby, Apitor Technology Co., Ltd. declares that the radio equipment type APR021/APR022 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.apitor.com/conformity](http://www.apitor.com/conformity).

\* The instruction manual must be retained since it contains important information.

### 3 Battery Installation



AA x3

★ Instructions for Battery Installation

- Non-rechargeable batteries can not be charged.
- Rechargeable batteries should be charged under the supervision of an adult.
- Batteries with different models, old and new batteries should not be mixed.
- Exhausted batteries should be removed from the product.
- This product does not contain battery.
- Rechargeable batteries are to be removed from the toy before being charged.
- Batteries are to be inserted with correct polarity.
- The supply terminals are not to be short-circuited.

### 4 Connect to Apitor Robot

1

Short press the power button of the control module. The LED lights will flash blue every 1 second.

2

Enable your tablet/smartphone's Bluetooth and bring your tablet/smartphone close to the control module.

3

Open the "Apitor Kit" APP, click the pairing button, follow a few steps, the pairing will be completed automatically.

★ Please don't connect to Apitor Robot directly from the Bluetooth connection page of your tablet/smartphone. Please remember, always connect Apitor Robot from the "Apitor Kit" APP.

### 5 LED Status Indication

| Status of Use                                                                         | LED Status                                                                                             | Indication                                                                                                                                          |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| After the control unit is powered on                                                  | Blue lights flash every 1 second.                                                                      | Bluetooth is not connected.                                                                                                                         |
|                                                                                       | Blue lights are always on.                                                                             | Bluetooth is connected.                                                                                                                             |
| During use, short press the power button.                                             | Red lights flash twice every 0.2 seconds.                                                              | Power off                                                                                                                                           |
| While the control unit is powered on, press and hold the power button for 10 seconds. | Red lights flash twice every 0.2 seconds.                                                              | Reset to factory defaults                                                                                                                           |
| During the control unit is powered on                                                 | Blue lights flash 3 times every 1 second, and then red lights flash 5 times every 1 second, only once. | Low battery indicator, need to replace new batteries.                                                                                               |
| During use                                                                            | Red lights flash twice every 0.2 seconds, then power off.                                              | The use of power is too large and the power of batteries is insufficient, the batteries need to be replaced or the power usage needs to be reduced. |