

Wireless Coding Blocks

CUBROID



About Cubroid

Founded in 2017, CUBROID is a global leading AI and robotic company. Since 2015, CUBROID has successfully developed educational modular robotics and STEM education platform for kids.

Meet CUBROID

Introducing Cubroid, the world's easiest coding block set that allows children to explore the world of technology and gain exposure to coding! Through dynamic connective blocks and simple coding, Cubroid offers a fun and educational experience for children to express their creativity.



Wireless Coding Block



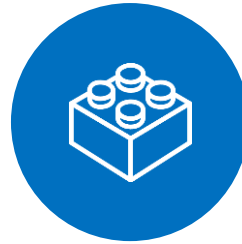
- A set of programming blocks without any visible lines or connecting pins
- Created for safe and easy assembly
- Equipped with actuators and sensor blocks that work without external connections
- Functions via wireless communication, which makes it possible for users to code in numerous combinations
- Compatible with Legos for creative purposes, so children can innovate without restrictions
- An opportunity for young ones to learn STEM concepts and simple programming
- A source of confidence and a sense of accomplishment for young ones when they successfully build and operate their own robots

Features



WIRELESS

A set of coding blocks without any visible lines or connecting pins.



LEGO COMPATIBLE

Compatible with Legos for creative purposes, so children can innovate without restrictions.



SCRATCH

Cubroid can be connected to a block coding software program called "Scratch" from MIT Media Lab.



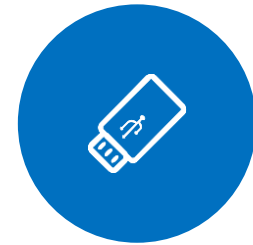
SMARTPHONE CODING

Children to control and prompt movement in their robot creations.



PHYSICAL COMPUTING

A set of coding blocks without any visible lines or connecting pins.



USB CHARGING

All blocks of cubroid can be charged with USB. You can use for 5 hours or 10 hours in one charge.

Who's using Cubroid?

Kids from preschool to elementary school can learn coding easily.
You can teach kids easily in Montessori Schools, elementary schools, public institutions, STEM institutions, and robot institutions.





**“In fifteen Years
we’ll be teaching programming**

...

**just like reading & writing
and wondering
why we didn’t do it sooner.”**

- Mark Zuckerberg

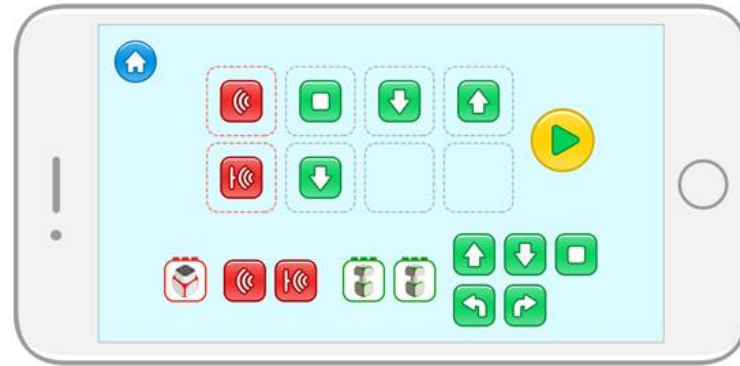
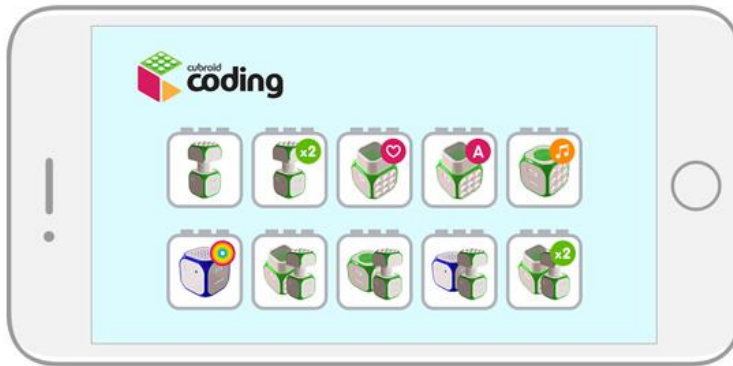
The easiest coding block in the world

Introducing Cubroid, the world's easiest coding block set that allows children to explore the world of technology and gain exposure to coding! Through dynamic connective blocks and simple coding, Cubroid offers a fun and educational experience for children to express their creativity.



Smartphone Coding App

Cubroid's control programming application enhances the educational aspect of Cubroid by allowing children to control and prompt movement in their robot creations. Each Cubroid block comes with built-in Bluetooth capabilities that enable wireless communication.



How to use cubroid with smartphone app

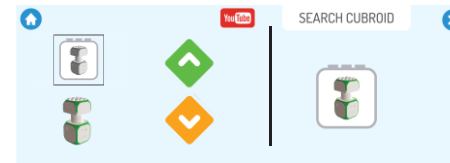
- 1 Download the app Download the Cubroid app from the Apple App Store or Google Play.



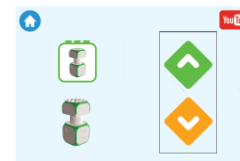
- 2 Power on the DC motor block.



- 3 Connect Cubroid Block to Smartphone In the app, click the Block Registration button to select the block.



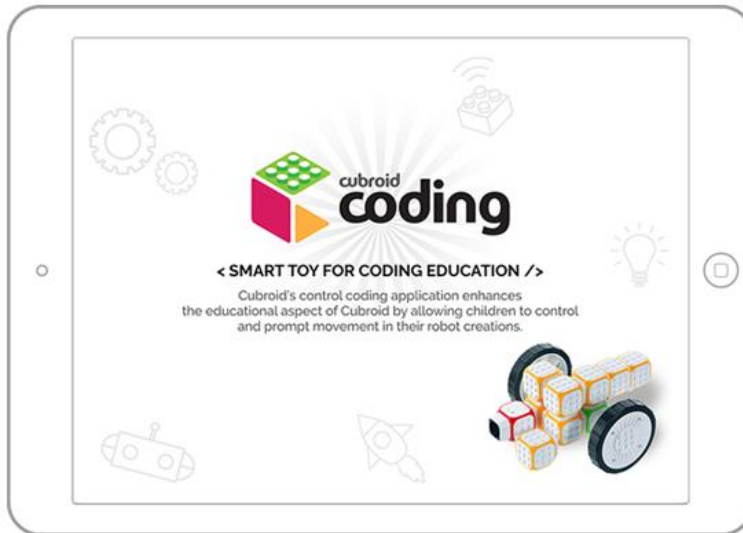
- 4 Play Click the direction button to control DC motor block.



- 5 Utilize smartphone apps Go to www.cubroid.com for more app use information.

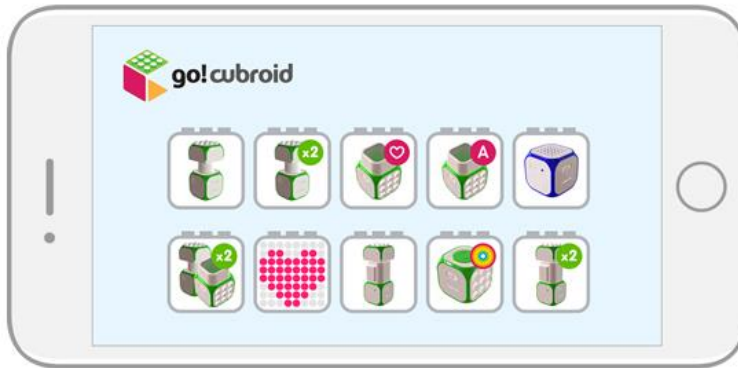
Coding App

We currently provide our coding and control application on Androids and iPhones. In order to program the movements of your robot, use the simple coding function.



Control App

Our app also allows you to directly control your robot through our virtual remote control.



Scratch Mode

Cubroid can be connected to a block coding software program called "Scratch" from MIT Media Lab. Scratch is an in-depth coding application that will prompt you to take your coding skills to the next level. Cubroid can be operated through the Scratch coding platform when the master block is connected to a PC with a USB cable. Scratch Mode is recommended for more advanced users that are working to really hone in on their coding abilities.



How to use cubroid with scratch program

- 1 Download and install the scratch program
scratch.mit.edu
- 2 Download and install the interlocking program
of the driver and Cubroid
www.cubroid.com
- 3 Utilize the scratch program
Go to www.cubroid.com for more
scratch coding education information.



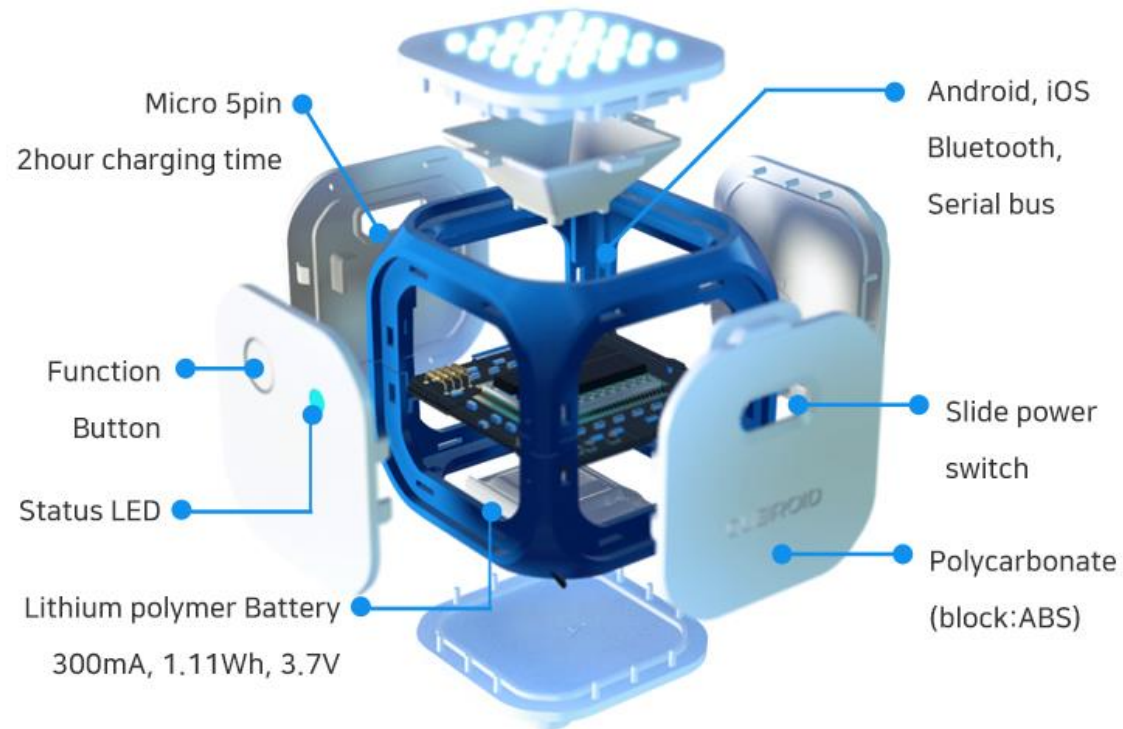
LEGO Compatibility

Cubroid blocks are seamlessly compatible with Lego blocks!
In order to diminish the amount of restrictions that young creators face,
we wanted them to be able to connect with Legos to enhance the structures of their own robots.

Compatible with LEGO™, All LEGO™
Compatible Bricks & MIT Scratch



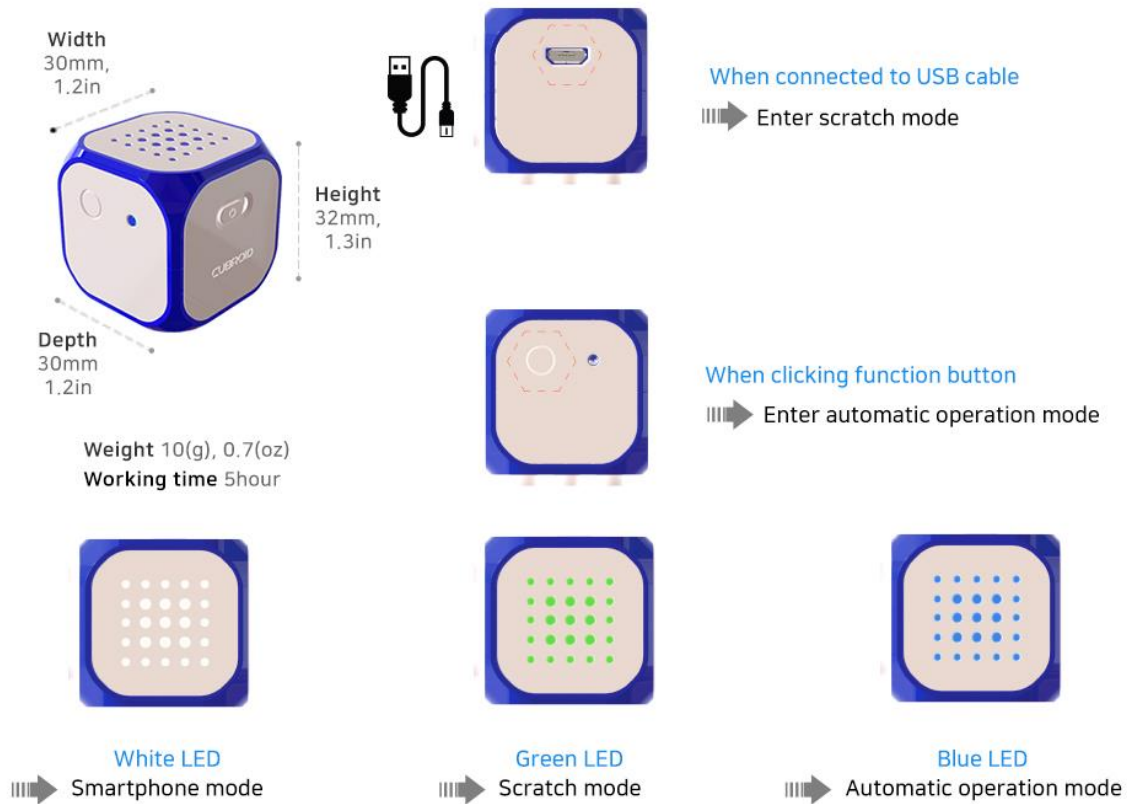
Basic structure of blocks



- **Strong material** : Cubroid blocks use polycarbonate material in order to provide the best light resistance, heat resistance, and impact strength.
- **Durability** : The blocks have been tested to resist external impact.
- **Safety** : The blocks have also been designed to eliminate the risk of swallowing or injury.

Master Block

The Master Block is the control center of virtually any robot that one can build with Cubroid!
With the Master Block, you can easily switch between the different modes and functions.



DC Motor Block / LED Block / Sound Block



• DC Motor block

Width 36mm, 1.4in
Height 66mm, 2.6in
Depth 30mm, 1.2in
Weight 39(g), 1.4(oz)
Working time 5hour

Block that rotates a full 360 degrees

8x8 Dot Matrix LED Display



• LED block

Width 32mm, 1.3in
Height 43mm, 1.7in
Depth 30mm, 1.2in
Weight 25(g), 0.9(oz)
Working time 5hour

Blocks that can be expressed variously
by using several small LEDs



• Sound block

Width 30mm, 1.2in
Height 32mm, 1.3in
Depth 30mm, 1.2in
Weight 19(g), 0.7(oz)
Working time 5hour

Various sounding blocks

Proximity Sensor Block / Light & Touch Sensor Block

Object detection function
within 3cm



● Proximity
sensor block

Width 32mm, 1.3in
Height 43mm, 1.7in
Depth 30mm, 1.2in
Weight 21(g), 0.7(oz)
Working time 10hour

Detection block when an object approaches

Light detection
sensor



● Light sensor
block

Width 30mm, 1.2in
Height 32mm, 1.3in
Depth 30mm, 1.2in
Weight 19(g), 0.6(oz)
Working time 10hour

A block that detects the amount of
ambient light

Assembly Drawing



Windmill

DC Motor Block, Proximity Sensor Block,
Shape Block, Wheel Block, Connection Block.

Robusta robot

DC Motor Block, Proximity Sensor Block,
Shape Block, Connection Block.



Snake robot

DC Motor Block, Proximity Sensor Block,
Shape Block, Connection Block.



Gun robot

DC Motor Block, Proximity Sensor Block,
Shape Block, Connection Block.



Gorilla robot

DC Motor Block, Proximity Sensor Block,
Shape Block, Connection Block.



MOQ
10,000





VALUE

Passion, Respect,
Quality, Innovation

VISION

To grow our leadership
in the intelligent
Educational robot industry

MISSION

We are hoping to create a robotics
platform that will lower entry barriers
for Kids & STEM learners.
CUBROID is an important step
in our mission to make robotics
accessible to all.

Our Team



Mark
CEO&FOUNDER



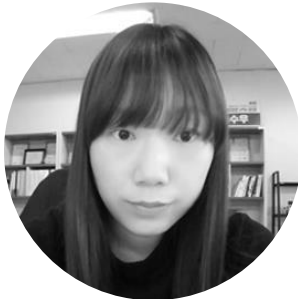
Jason
S/W ENGINEER



Scott
H/W ENGINEER



Paul
AI ENGINEER



Brondy
PRODUCT/UX



Scully
DESIGNER



Jacob
GLOBAL MARKETING



Rosa
GLOBAL MARKETING

Press



Geeky Gadgets



TECH TIMES

Independent.ie

AVING



arirang



https://www.wired.it/gadget/computer/2017/03/03/cubroid-le-costruzioni-lego/?refresh_ce=



<https://mashable.com/2017/10/16/cubroid-coding-building-blocks-kickstarter/#9k1wr.4pkOqY>

Software education **with cubroid**



Cubroid, recognized by the world

- **MWC 2017 BEST 5** (Sony Xperia XZ Premium, Huawei P10, Nokia 3310, Kino-mo holograms)
- Introducing Cubroid on Mobile World Live TV!
- Introducing Cubroid to the most influential science magazine 'Wired'!



Yomo, MWC, CES



Thank you!



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