



User Manual

Register your product and get support at
www.coboblocks.com

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Battery safety precaution

- Danger of explosion if a battery is incorrectly replaced. Replace only with the same or equivalent type.
- A battery (battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- A battery in extreme high or low temperatures during use, storage or transportation, and low air pressure at high altitude can pose safety hazards.
- Do not replace a battery with an incorrect type that can defeat a safeguard(for example, some lithium battery types).
- Disposing a battery into fire or a hot oven, mechanically crushing or cutting a battery can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding, or an extremely low air pressure environment may result in an explosion or leakage of flammable liquid or gas.

1 Important

Safety

Important safety instructions

- Make sure that the power supply voltage corresponds to the voltage of the unit.
(There is a rating label on the back of the unit).
- The device shall not be exposed to dripping of splashing.
- Do not place any source of danger on the device (e.g. liquid filled objects, lit candles).
- Make sure that there is enough free space around the device for ventilation.
- Please use the device safely in an environment with temperature between 0° and 45°
- Only use attachments and accessories specified by the manufacturer.

* Warning

- Never remove the casing of this device.
- Never lubricate any part of this device.
- Place this device on a flat, hard and stable surface.
- Never place the device on other electrical equipment.
- Only use this device indoors, keep this device away from water, moisture and liquid-filled objects.
- Keep this devices away form direct sunlight, naked flames or heat.
- Risk of explosion if a battery is replaced by an incorrect type.

2 Your CoboBlocks ; Scratch e-Blocks for coding

Congratulations on your purchase, and welcome to CoboBlocks! To Fully benefit from the support that CoboBlocks offers, register your product at www.coboblocks.com

Introduction

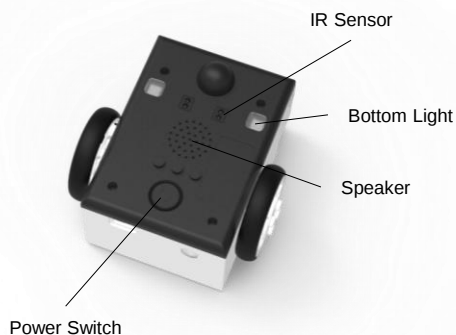
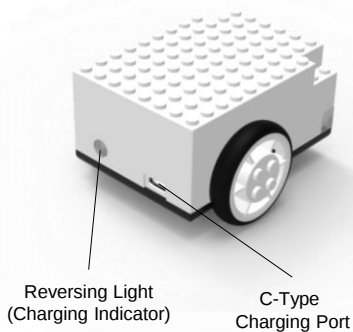
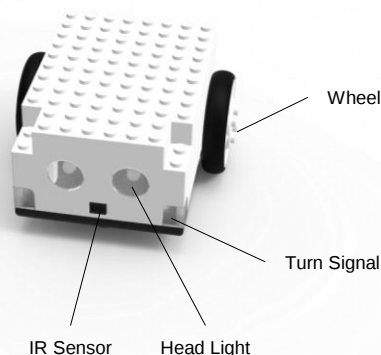
With this device , you can enjoy unplug coding.

What's in the box

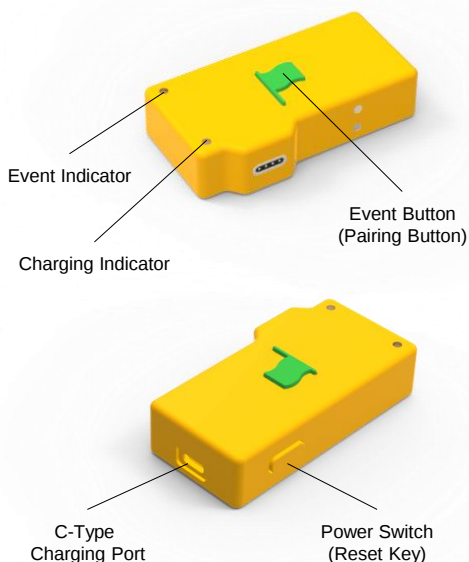
Check and identify the contents of your package;

- Coding Car x 1pc
- Event Block x 1pc
- Motion Block x 4pcs
- Control Block x 3pcs
- Sound Block x 1pc
- Dancing Block x 1pc
- LED Block x 1pc
- Line Tracing Block x 1pc
- Self Driving Block x 1pc
- Random Block x 1pc
- USB Charging Cable x 1pc

Overview of the Coding Car



Overview of the Event Block



3 Get started

Always follow the instructions in this chapter in sequence.

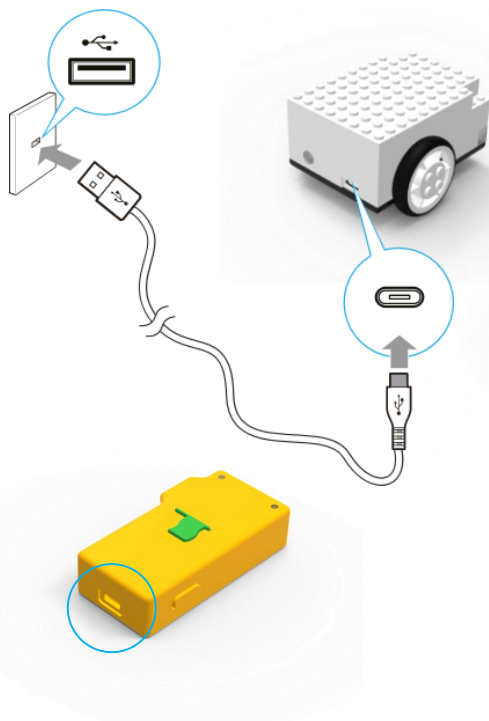
Charge the Event Block and Coding Car

The Event Block and Coding Car is Powered by a Built-in rechargeable battery.

*Note

- Fully charge the built-in battery before using.
- When the Event Block and Coding Car is Blue lamp turn on and the battery is low.

Connect the TYPE-C USB socket on the device to an outlet / Charger (5V 1A) by using the provided USB Cable.



* Caution

- Risk of device damage! Make sure that the power supply voltage corresponds to the voltage of the unit.
- Risk of electric shock! When unplug the USB cable, always pull the plug from the socket, Never pull the cable.
- Use only a USB cable specified by the manufacture of sold with this unit

When the device is being charged, the LED indicator is solid blue

When the device is fully charged, the LED indicator is off

Turn on/off

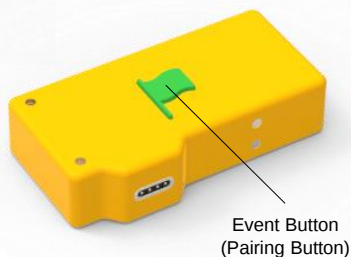
Press to "Power Switch" 3s turn the device on

Turn the device off, press again to "Power Switch".

Note

The device will turn off automatically after 10 minutes without using.

Pairing for Event Block with Coding Car



Press to "Event Button / Pairing Button" pairing will be done automatically.

4 Product information

*** Note**

Product information is subject to change without prior notice.

General Information

Item	Coding Car	Event Block
Power Supply	5V DC 1A	5V DC 1A
Built-in Lithium Battery	3.7V, 1200mAh	3.7V, 750mAh
Dimensions (WxHxD)	87x90x52mm	85x45x20mm
Weight (unit)	162g	50g

Bluetooth

Bluetooth version	5.0
Frequency range	2402 – 2480 MHz
Bluetooth range	Approx. 10m

5 Notice

Any changes or modifications made to this device that are not expressly approved by COBOBLOCKS INC. may void the user's authority to operate the product.

Compliance



Hereby, COBOBLOCKS INC. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. You can find the Declaration of Conformity on www.coboblocks.com

Care of the environment

Disposal of your old product and battery



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



This symbol on a product means that the product is covered by European Directive 2012/19/EU



This symbol means that the product contains batteries covered by European Directive 2013/56/EU which cannot be disposed of with normal household waste.

Inform yourself about the local separate collection system for electrical and electronic product and batteries. Follow local rules and never dispose of the product and batteries with normal household waste. Correct disposal of old products and batteries helps prevent negative consequences of the environment and human health.

FCC Statement

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.

Warning ; Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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; (1) Reorient or relocate the receiving antenna. (2) Increase the separation between the equipment and receiver. (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. (4) Consult the dealer or an experienced radio/TV technician for help.

RF Warning Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

Robot Car, Event Block Operation Description

Robot Car

- (1) It plays a role in sequentially executing commands transmitted in the Event Block.
- (2) It cannot operate on its own, and only executes commands delivered from the Event Block.

Event Block

- (1) Send commands to enable Robot car to operate the same action as the symbol shown in the Event Block.
- (2) Check the symbol of the event block and press the button to check the movement of the robot car.