aieggy

Aieggy Coding Robot

User Manual

Aieggy Coding Robot System

Why Robotics?

Robotics is the present and for any hi-tech to learn STEAM concepts.
Prepares kids with 21st century skills & mindset.

Why Coding?

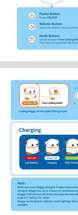
Why Aieggy?

Let's start learning with robots.

Features

- Up to 100 step memory capacity
- Programmable via Aieggy App
- Programmable via Keypads on Top
- Digitally controlled motors
- Responsive touch sensors
- Multi-directional movement

What's Included



Size	Aieggy: 10.5 x 10.5 x 10.5cm
Battery	3.7V 1000mAh Li-ion Battery
Charging Time	2 hours
Wireless connectivity	Bluetooth BLE 4.0
App	Aieggy Coding App (Android/iOS)
Weight	270g
Coding capabilities	100 step Memory Action

Meet Aieggy

Charging

Note:
- Make sure your Aieggy Charger is below approximately two hours to do a full charge (Note: fully charged Aieggy can last for about 2 hours of continuous play).
- Please remember to turn off the power switch on the Aieggy when not in use to avoid unnecessary power consumption.
- Aieggy needs to be in battery mode lighting. We perform because they be measurement in very bright conditions.

Command Cards

Command cards are the core of the Aieggy, making it very interactive tactile and hands-on. Children can create their own sequence of cards. The Coded Cards and Coding Cards.

Pre-Coded Cards

There are 4 pre-coded cards in the set. Each card has a unique sequence of coded actions. Simply tap or scan the cards in Aieggy' s head to activate the following functions.

Command Cards

Coding Cards

Coding cards are a great way to create a bit of code, Tap or scan them on Aieggy's head to string them together. Aieggy will execute the commands in the order of the cards are placed.

Function cards
Play – Execute all the steps programmed into Aieggy' s memory using the command cards.
Mode – Use Aieggy' s memory to solve a new sequence of cards.
Loop – Repeat the sequence of cards.

Motion Cards
Free Coding Mode/Use the pressed & Puzzle Coding Mode/Use the jigsaw puzzle boards)

Jigsaw Puzzle Boards

Play with Map

Double-Faced Directional Cards

Use the Level Double-Faced directional cards on the Aieggy Jigsaw Puzzle Boards to create a maze for Aieggy to navigate. Use the Obstacle Avoidance Cards and Aieggy will be able to navigate through the maze without bumping into the walls. Or sequence the Arrow cards map in your program and let Aieggy navigate the maze for you.

Get Started

Free Coding Mode

Use the Coding Jigsaw Boards to map out your Aieggy's journey.

Try more programs:

1. Build a road for Aieggy.
2. Add Aieggy a Pre-Coded Card or a your command cards.

Puzzle Coding Mode

Puzzle Coding Mode can be activated by Pressing the Mode Button. Programming Aieggy is as easy as 1-2-3.

Coding Challenges(Puzzle Coding Mode)

The coding challenge below are designed to get you familiar with coding Aieggy. You can create different MAZE layout to test your coding skills with.

APP

Play and code with Aieggy apps

You can control Aieggy in real time with the apps.There are two basic apps.
Play Time – Play and control Aieggy in real time.
Learn Time – Use graphical blocks and code by sketching to control Aieggy.

Download App to your device

Connecting to Aieggy with your device:

1. Activate the Bluetooth settings on your device and switch Bluetooth on.
2. Turn on Aieggy and make sure it is within 10 meters of your device.
3. Launch the Aieggy app and click on the Connect button.
4. The Aieggy will appear on the list of devices available.
5. Select Aieggy to connect to it.
6. Once Aieggy has paired, it can be controlled from Aieggy app.

FCC Compliance state

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.

NOTE: The equipment has been tested and found to comply with 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:

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.(under FCC Rules)

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

WARNING: Read before operating Aieggy

In the interest of safety and correct operation, please read the user manual in its entirety before operating your Aieggy and its accessories for safe operation.

Please observe the following to reduce risk of overheating, fire or explosion due to improper handling:

- Do not expose to moisture, water, direct sun or any heat sources (radiators, heaters, stoves).
- Do not use or store in dusty, sandy, vibrating or cold environments.
- Do not drop, throw or try to bend Aieggy. Avoid applying excessive force to the product.
- Do not attempt to disassemble, alter or modify the product. There are no user serviceable parts inside.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean Aieggy.
- Do not use damaged charging cables or plug.

Charging

- Only use the charging cable that is supplied with the Aieggy. Use of any other charging cable may result in malfunction and/or damage.
- Do not use the charging cable for any purpose other than charging Aieggy.
- Do not charge Aieggy if the charging cable is frayed, broken or damaged in any way.
- Do not charge Aieggy if it is wet. Ensure it is completely dry before connecting any charging cable.
- Do not charge Aieggy in extreme hot or cold temperatures.
- Do not charge Aieggy for more than 24 hours continuously.
- Do not charge Aieggy in any manner other than those mentioned in this manual.

Battery Warning

- Internal Lipo/Li-ion batteries are extremely hazardous and should be handled with extreme caution. Do not attempt to replace the battery yourself as damage may occur to the battery leading to overheating, fire or explosion.
- Charging, discharging, or storing, ALL of the Lipo/Li-ion batteries in extreme temperatures may cause damage to the battery.

Warranty

Aieggy, its accessories, batteries, software, etc. are covered by the 6 months after purchase. This warranty is guaranteed for a period of one year from the date of delivery to the consumer. Warranty does not cover damage due to misuse, abuse, negligence, accident, normal wear, improper charging, any unauthorized modification of its specifications, improper maintenance/improper or incorrect operation or connection with incompatible equipment or accessories.

Questions

Questions about your Aieggy?
Visit aieggy.com/support/faqs to email us at support@aieggy.com

aieggy

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Made in China

Class B Information for Home or Office Use

FCC
ID

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