CREAMO ADDI + kit

Model : ADDI + kit

FCC ID : 2AZOW-ADDIKIT

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.

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- Only authorized products and standardized products are guaranteed.
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ADDI + Kit

User Manual

Please read User Manual first to use CREAMO Smart Block properly.

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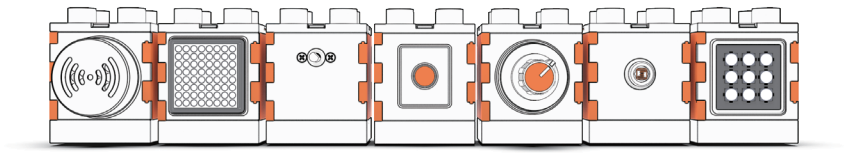
ADDI + kit product descriptions

ADDI+ kit allows to understand the symbols of emotional expression emoticons and create their own works with Lego.
The emotion block can express six emotions using the dial block.
LED blocks and letter blocks can be displayed in various colors and emoticons by using dial blocks.
The switch block provides a transition of areas that can be expressed by switching the modes of the emotion block, LED, and SW block.
The 7-hole charging block can be charged to LEDs, SW, Dial, and letter blocks.

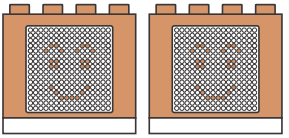


CREAMO

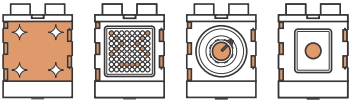
Product Package Introduction

① ADDI + Kit

ADDI + kit consists of the following components.

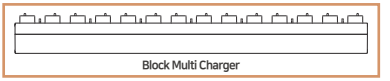


Emotion Expression Block X2



LED Block X2 Word Block X2 Dial Block X2 Switch Block

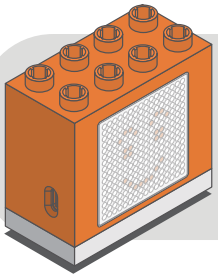
* This product is available for seperate purchase.



Block Multi Charger

② Emotion Expression Block

This block expresses 6 emotions using 256 dots.

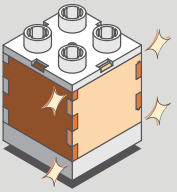


Block Specification
- Size : 32X64X62.5(mm)
- Weight : 61g

Block Function
- Display Color Type : White, 256 color
- Emotion Type : 6 Emotion(Joy, Sadness, Surprise, Anger, Fear, Disgust)
  +40 Emoption(It will be updated later)

③ LED Block

To make lights by mixing color of Red, Blue, and Green.

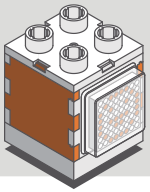


Block Specification
- Size : 32X32X43.5(mm)
- Weight : 21g

Block Function
- Color display : Red, Green, Blue, Yellow, Cyan, Magenta, White, and Off(Black).
- Brightness control : 0~255 steps
- The last displayed color for 3 seconds before turning LED Block off will be displayed as the first color on LED Block when LED Block turned on again

4 Word Block

A display block by using 64 dots.

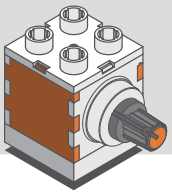


Block Specification
- Size : 32X37X43.5(mm)
- Weight : 26g

Block Function
- Color Type : Red / Green / Blue
- Display Character : 1 selected mode among 6 modes:
  Alphabet capital & small letter, Numbers, ASCII Code, and Emoticon 1&2

5 Dial Block

To control other blocks by rotating knob.

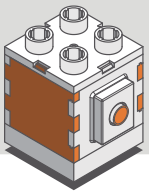


Block Specification
- Size : 32X54X43.5(mm)
- Weight : 25g

Block Function
- Step control : 0~255 steps(270 degree knob rotation)
- Color Type : Red / Green / Blue

6 Switch Block

Switch ON/OFF input button.



Block Specification
- Size : 32X37X43.5(mm)
- Weight : 23.5g

Block Function
- Tact ON/OFF Switch
- Switch Button Color : Red / Green / Blue

7 Smart Block specification

Item	Smart Block Basic Feature
Internal Battery Specification	LiPo(Lithium Polymer) Battery 3.7V 180mAh
Main Controller	8bit MCU(ATmega328P)
RF Communication Specification	2.4GHz ISM(Industrial/Scientific/Medical) Band Usage, FSK Modulation Mode
External Power Supply	5V DC(USB C Type Connector Use)
Power Switch	Push switch on the side of the Smart block

※ Smart Block components can be changed according to the version of package that you purchase.