Codey Rocky_EN_Bluetooth Dongle Edition

SKU: P1030026
WEIGHT: 0.65 KGS
UPC: 193122000260
EAN: 6928819507661

Description

• What is Codey Rocky?

Codey Rocky is an entry-level coding robot for STEAM education. Children can use emotion commands, like "happy" "sad", to give Codey Rocky a unique personality. children will find learning coding a fun thing.

10+ programmable electronic modules make Codey Rocky perceive the change of sound light and color. The LED display, the speaker, the motor and the RGB light worktogether to make Codey Rocky show lovely facial expressions and behave as programmed. You can easily see how your code work in the real world.

With the mBlock 5, children can easily get started with coding by dragging and dropping those coding blocks. And that's not the end. The software allows children to move on to explore the advanced language, Python. The Wifi block included helps connect Codey Rocky to the Internet to get weather data.

Features

• Coding becomes fun

Codey Rocky has 25 built-in instructions with which children can make the robot show different emotions, like "happy", "sad", "angry", "proud". Children can give Codey Rocky a unique personality and turn Codey Rocky into a good friend. Even more, children can use Codey Rocky to tell a story as a director does.

• 10+ programmable electronic modules

Codey Rocky is integrated with over 10+ programmable electronic modules that enable it to detect the sounds, lights and colors. The LED display, the speaker, the motor

• Easy to program with mBlock software

mBlock is designed based on MIT's Scratch 3.0 and comes with more features and functions. Its block-based programming language makes coding an easy thing. Simply by dragging and dropping blocks, children are able to program Codey Rocky to perform tasks. Besides, children can quickly switch to Python in mBlock 5, which means they can effortlessly move to advanced coding after they graduate from block-based coding.

• Wireless upload

The optional Bluetooth dongle lets you upload code to your robot companion wirelessly so that you can rapidly try out your code idea.

Software

• mBlock 5:
A powerful platform for coding designed for STEAM education.

[Download](#)

Specifications

Version - Codey Rocky_Bluetooth Dongle Edition

Product Information - N.W：0.295kg,　DIM（L.D.H）：10.2*10.3*9.54cm

Package Information - G.W：11.3kg,　DIM (L.D.H)：43*42*29cm

Carton Information - 16pcs/ctn,　G.W：11.3kg,　DIM (L.D.H)：43*42*29cm

Main Control Chip - ESP32

Transmission - Wi-Fi / Bluetooth / USB

Battery - 3.7V 950mAh Lithium battery

Material - ABS

Supported Programming Language

Sensors

Codey：LED matrix screen,　Loudspeaker,　RGB light,　Buttons,　Gear potentiometer,　Sound sensor,　Light sensor,　Gyroscope and accelerometer,　IR transmitter,　IR receiver,　Volume sensor

Rocky：IR color sensor,　DC geared motor

Graphical programming：Scratch 3.0；Text programming：Python

Compatibility - macOS,　Windows,　iOS

Warranty - https://www.makeblock.com/support/warranty-information

Certificates - CE,　ROHS,　WEEE,　EN71,　EN62115,　FCC,　ASTM,　CPSIA, CA65,　CCC,　ST,　NCC,　RCM,　ISO8214

Packing Method - Box Packing

CE,　ROHS,　WEEE,　EN71,　EN62115,　FCC,　ASTM,　CPSIA,　CA65,　CCC, ST,　NCC,　RCM,　ISO8214

Part list

1 × Codey
1 × Rocky
1 × Lanyard
1 × Name Sticker
1 × Micro USB data cable
8 × Codey Rocky Colour Card
1 × USB Dongle