Makeblock
Construct Your Dreams

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Codeybot APP Instruction

www.codeybot.com
www.makeblock.com

App for Codeybot

Download Codeybot App from Apple Store or Google Play

Download Codeybot

For iPhone and iPad

Go to the App Store and search for “Codeybot ”. Click download.

For Android:

Go to the Google Play Store and search for “Codeybot ”. Click download.

Download mBlockly for Codeybot

For iPad Only:

Go to the App Store and search for “mBlockly for Codeybot”. Click download.

▲ Note: System Requirements

iPhone®5 and above, iPad®3 or above, iPad®mini or above, iPad Air™ or above, or select Android™ devices. Apple® devices must be running iOS 7.0 or above. Android™ devices must be running Android™ 4.0 or above.

To make sure smooth running of Codeybot App from your smart device, make sure the hardware configuration is dual-core 1.5gHz or above.

Connect to you Codeybot

- Press the power button to turn on Codeybot.
- Wait 40 to 60 seconds for Codeybot to boot up. You’ll see “Codeybot XXXXXX” on the LED panel of Codeybot, which means Codeybot is ready to connect with your smart device.

- Turn on the Wi-Fi function of your smart device. Search for the nearby Wi-Fi until you see “Codeybot XXXXXX” (XXXXXX is a series of numbers and alphabets varying from one to another). Tap the name to get connected with Codeybot.
- Connected Codeybot successfully.

Make Fun with Codeybot – Codeybot App

Main Interface

Setting: to reset, change sound setting, change sensitivity,and customize Codeybot' s name;

Battery: to check the exact battery percentage of your Codeybot.

Video: to watch videos about Codeybot.

Setting

About – App version information

Sound Setting – To turn on / off , or adjust speaker volume of Codeybot

Sensitivity – To adjust Joystick sensitivity under Direction Control Mode , Codeybot speed could be changed with different sensitivity.

Codeybot ID – To customize Codeybot ID further to the default ID “Codeybotxxxxxx “ , which could be searched as Wifi Hotspot when you set up connection to Codeybot.

Reset – To reset App or reset Codeybot

Single-Mode Interface

Battle-Mode Interface

Single Mode

Voice Control

Choose Voice Control, tap on the microphone icon on the interface and hold it until you finish your command. Codeybot will do relative responds to your voice thru the App.

Mode

Gravity Control

If you are tired of using fingers, change the control method to "Gravity Control".

- Choose “Mode” → “Gravity Control”
- Tilt your smart device left, right, lean it forward, backward, and then let the gravity do the work.

Direction Control

Use the push rod to direct Codeybot' s movement, moving it forward, backward, going to the left, and making a turn.

Voice Changer

Transform your voice to dozens of fun and unique voices with voice changer from Codeybot.

- Simply tap on the record icon and start recording .Keep touching unitl your recording ends.

- Save / Play / Cancel the voice recoreded.

- Name the voice recorded.

- Click Adudio list to review or play voice records.

- Delete voice records – Touch and pull from the right edge of voice record you want to remove , until “Delete” icon appears , then click to delete.

▲ **Note:**

- Codeybot supports recording up to 10 minutes of audio per time. Once time is up , it will cut off automatically.
- To prevent the audio from getting blown , make sure not to speak too close to your smart device when recording audio, 15 cm distance is recommended.

Editable LED Panel

With a LED panel made up of up to 247 blue LEDs, you can create emoji, write message, or draw whatever patterns you like besides the defaulted expressions .Codeybot will timely show your works on its LED panel.

Adjustable Side Light

You can tune the side light of Codeybot to any color you love by simply taping on the circle of color.

Dance to the Music

Codeybot stands as a self-balancing car that remains level when driving straight or standing still and leans at an angle when making turns. With two stereo speakers, Codeybot can play its defaulted songs and is programmed to dance to the music. Currently, Codeybot provides five songs to dance with.

Battle Mode (Turret is Required)

Codeybot comes with both 2.4G module and Wi-Fi module. During a battle, Codeybot collects data of the other Codeybot via the 2.4G module with high speed data transmission. The data then will be transferred at a very fast speed to your smart device via the Wi-Fi module. And vice versa. This brings a real-time combat game between you and your opponent.

▲ **Note:**

- Turret is required. (Codeybot standard kit does not include turret, please purchase turret by yourself).
- Battle Mode needs to involve 2 players .

1) Install the turret

2)Select one channel for your battle.

3)Select side light color and expression.

4)Tap on“Ready”icon and wait for your oppoent to get ready.

5)Operation Interface.

▲ **Note:** Make sure to select the same channel as your opponents, otherwise two Codeybots won't be able to communicate with each other. It's recommended selecting different side light from your component's in order to distinguish one from the other .

Target Your Opponent

On the top of the turret is a plastic cap which collects fighting signal from your opponent. Make sure to aim at the plastic cap (from any direction) in order to hit your opponent within the shooting range of 5m (16.4ft).

Visible light from the turret will help you see, aim, and adjust your firing direction easily.

Program the fun
– mBlockly for Codeybot

Main Interface

Status “Online” indicates good connection , otherwise notification pops out and connection status shows “Offline”.

Instruction

Create new projects – Select and pull blocks to the programming area to build a program.

Review and edit existing projects – Click “ My Project” icon and show all existing projects , then select to review or edit.

Run Projects - Click “ Go” to run the project created and “Stop” to end the project.

Save Projects – Click save icon to save projects.

Delete Blocks – Pull and drop blocks to the recycle bin at the right bottom to remove the blocks from your program.

Introduction of blocks

Begin——Under this category, you may find the initial blocks for your program. For example, choosing “when table shaked”as your initial block, then when you shake your tablet, Codeybot will run the blocks which follows the block—— “when table shaked”.

Move——Under this category, you may find the motion blocks for your program.

Display——Under this category, you may find the blocks of sounds and RGB LED, also you can draw on LED Panel.

▲Note : To run

block , requires Airplay Shairport on OpenWrt in advance.

Control——Under this category, you may find the blocks of logic controlling.

Sense——Under this category, you may find the blocks of control conditions,which can be applied with block of “when XX do YY” or “if XX then do YY”.

Math——Under this category, you may find the blocks of Math.

Example

Blocks applied : Begin / Display / Sense / Control.

Result : When user click “ Go” icon and then makes tablet tilt left , Codeybot repeats saying “ nice to meet you , my friend” until user makes tablet tilt right , or user click “ Stop” icon to end the program.

▲ **Note:** Airplay Sharepoint on OpenWrt is active in advance.

Support

For any inquiries or comment concerning our products, please contact us via below methods. If you have an order number, please include it as reference. We will try to respond to your inquiry as fast as possible.

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