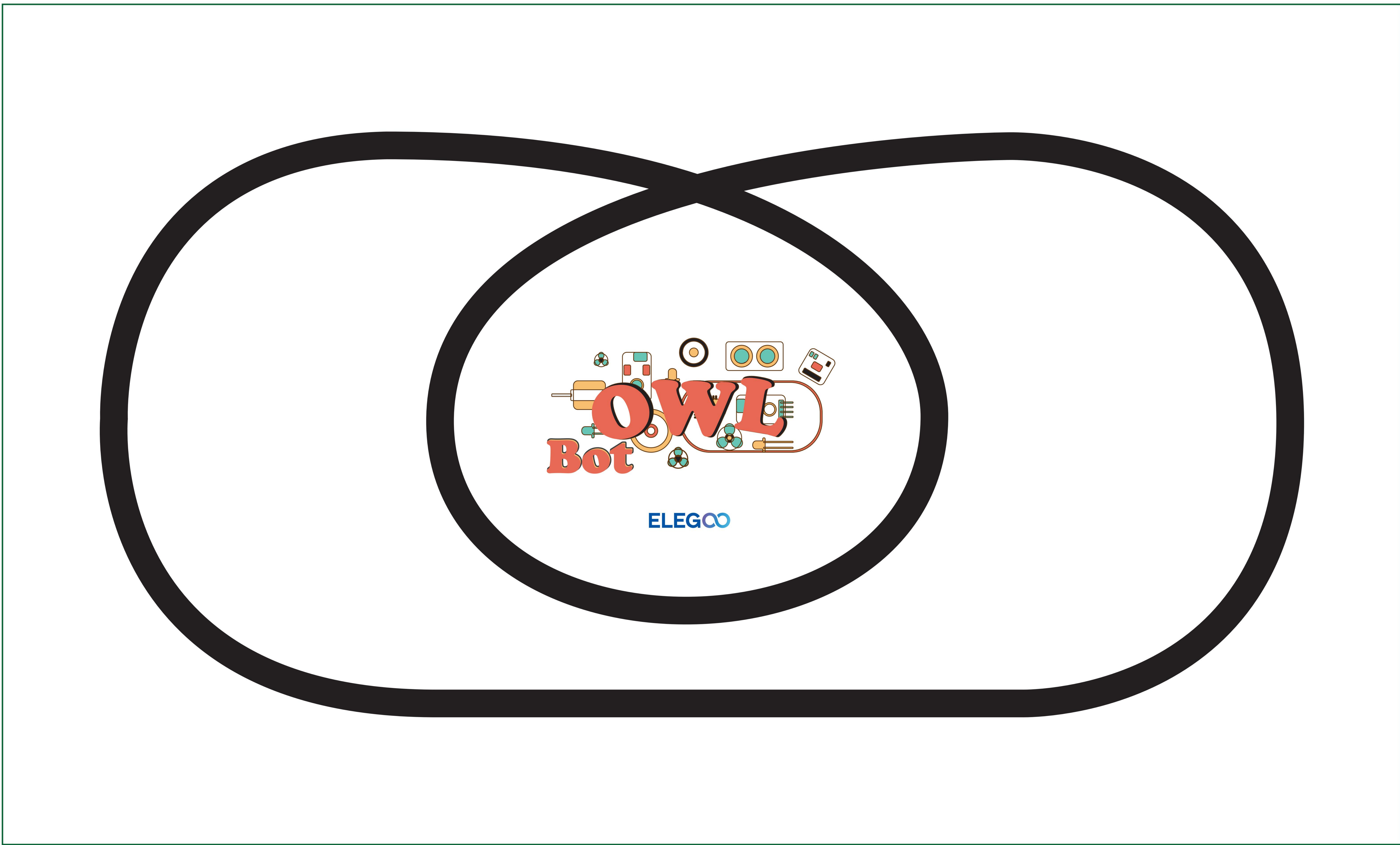


1000*600mm



PANTONE 7626UP

Material List 1

Tires * 2PCS

Expression Panel * 1PC

Ultrasonic Sensor * 1PC

LED Dot Matrix Module * 1PC

Car Body * 1PC

Control Board * 1PC

Line-tracking Module * 1PC

LED Dot Matrix Module * 1PC

Cell Box/Lithium Battery Included * 1PC

Motor * 2PCS

Universal Wheel * 1PC

M4*10-6 Single-pass Copper Cylinder * 3PCS

M4 Nuts * 2PCS

M2.5 Nuts * 5PCS

M2.3*8 Self-tapping Screw * 3PCS

M2.5*25 Phillips Screw * 5PCS

M4*12 Phillips Screw * 11PCS

M2*6 Phillips Screw * 3PCS

RJ25 Cable * 3PCS

USB Cable * 1PC

Philips Screwdriver * 1PC

Install the Motor 2

M2.5*25 Phillips Screw * 4PCS

M2.5 Nuts * 4PCS

Car Body * 1PC

Motor * 2PCS

Take ①, ② out from bag No. 1.

Install the Battery Box 3

M2*6 Phillips Screw * 2PCS

Cell Box/Lithium Battery Included * 1PC

Pass the wire of the battery box through the corresponding hole first, and then install the battery box.

Take ① out from bag No. 1.

Install LED Dot Matrix Module 6

M2*12 Phillips Screw * 2PCS

LED Dot Matrix Module * 1PC

Expression Panel * 1PC

Take ① out from bag No. 2.

Install Tires 4

M2.3*8 Self-tapping Screw * 2PCS

Tires * 2PCS

Take ① out from bag No. 1.

Install Line-tracking Module 5

M4*12 Phillips Screw * 2PCS

Line-tracking Module * 1PC

Universal Wheel * 1PC

Take ① out from bag No. 2.

Install Copper Cylinder 8

M4*10-6 Single-pass Copper Cylinder * 4PCS

Control Board * 1PC

Take ① out from bag No. 2.

Wiring 9

RJ25 Cable * 1PC

Left Motor Line

Tracking Module Line

Ultrasonic Sensor Line

LED Dot Matrix Module Line

Battery Box Line

Pass all the wires through the corresponding hole as shown in the picture.

Install Ultrasonic Sensor 7

M4*12 Phillips Screw * 2PCS

M4 Nuts * 2PCS

Ultrasonic Sensor * 1PC

Take ①, ② out from bag No. 2.

Notice: The ultrasonic sensor is installed behind the expression panel.

Connect the other one RJ25 cable to the ultrasonic sensor.

Install the Main Control Board 11

M4*12 Phillips Screw * 4PCS

Control Board * 1PC

Take ① out from bag No. 2.

The Final Image 12

The image on the right shows the other two assembly methods that you can have a try with.

Using Tutorial 13

Interface 1: Connect to the left motor

Interface 2: Connect to servo

Interface 3: Connect to tracking module

Interface 4: Connect to ultrasonic sensor

Building block point: Building blocks can be built here to expand a variety of shapes. (Not equipped with building blocks)

Reset: Reset Button

Bluetooth and Upload Programs Switch Button: When clicking the "Bluetooth" and "Upload" icons, the program will be uploaded to the robot.

USB Charging Interface: When charging the LED next to it is green, when fully charged, the LED next to it is yellow.

Off/On: Power Switch

Battery: Battery Interface

Mode: Mode Switching Button

Wiring Diagram 10

Notice: We have uploaded some necessary programs before, thus you can skip uploading the programs. However, if you change the codes, you will need to reupload them.

First of all, please go to our website below to download the Outfit tutorials: <http://www.elegoo.com/download/>. The battery program is located at "Lesson 1: Outfit: Outfit: Driver". And then select the correct tutorial files based on the computer system you use. For windows system, please refer to "For Windows Lesson 1: Setting up development environment.pdf". For OS system, please refer to "For Mac Lesson 1: Setting up development environment.pdf".

Function Introduction

① Left Motor

② Right Motor

③ Tracking Module

④ Ultrasonic Sensor

⑤ LED Dot Matrix Module

⑥ Battery Box

⑦ Mode Switch Button

⑧ Power Switch

⑨ Start-up music

⑩ Start-up music

⑪ Start-up music

⑫ Start-up music

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Using Tutorial 13

The current project name, click on it to modify.

Line List: Please click to show all used items. Description of all project modules.

Scene: Please click to save the program.

Play: Please click to start running the program.

Stop: Please click to stop running the program.

Reset: Please click to reset the program.

Bluetooth: Please click to connect the program.

Upload: Please click to upload the program.

Download: Please click to download the program.

Share: Please click to share the program.

Print: Please click to print the program.

Save: Please click to save the program.

Load: Please click to load the program.

Run: Please click to run the program.

Stop: Please click to stop the program.

Reset: Please click to reset the program.

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Print: Please click to print the program.

Save: Please click to save the program.

Load: Please click to load the program.

Run: Please

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: 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:

- 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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

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