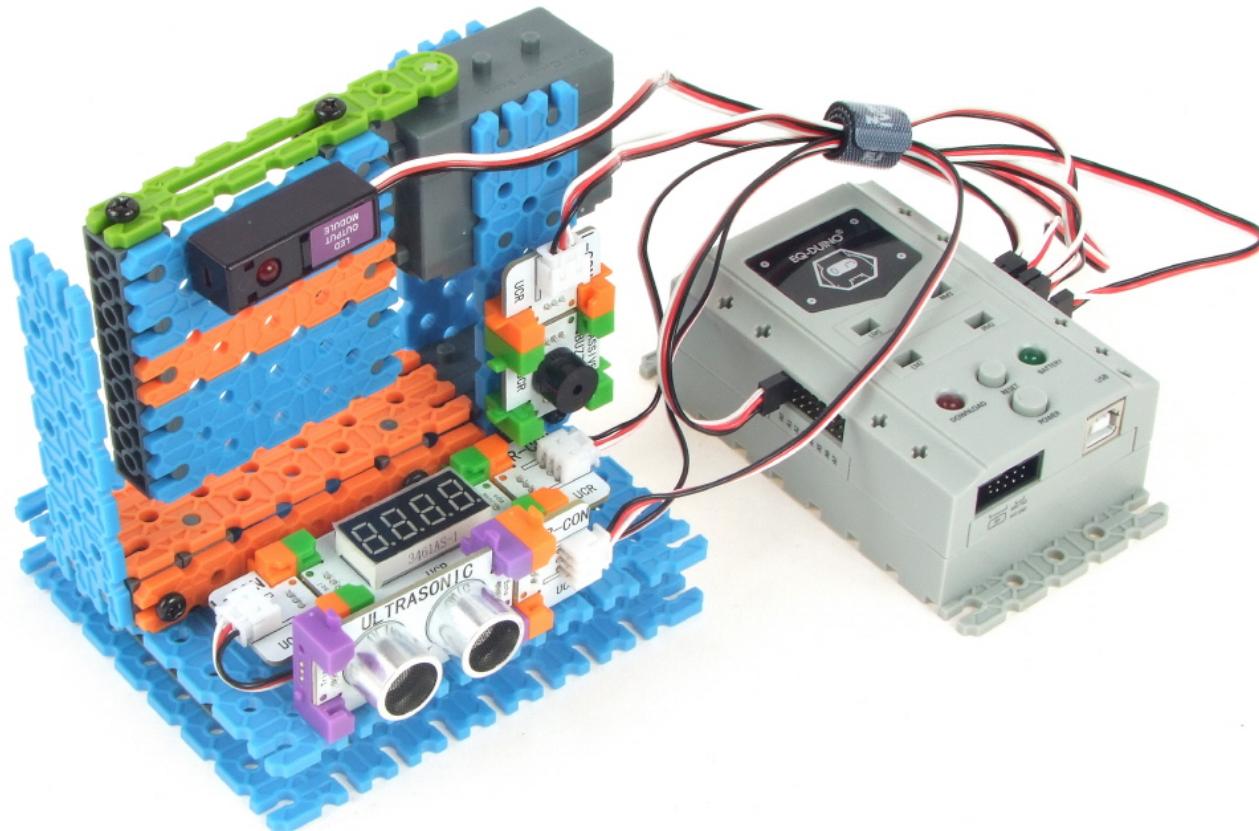


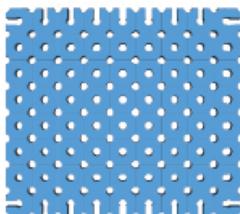
## 4. Automated Door

If the ultrasonic sensor detects the objects from 5 to 10 cm, the LED will turn on and melody buzzer will sound.

If the obstacle is closer than 5 cm, the door will be opened automatically with other sound.



## Part List



X 2



X 3



X 2



Servo motor X 1



X 5



(S) X 10



X 3



X 2



X 3



X 1



X 1



4bit FND display



Ultrasonic sensor



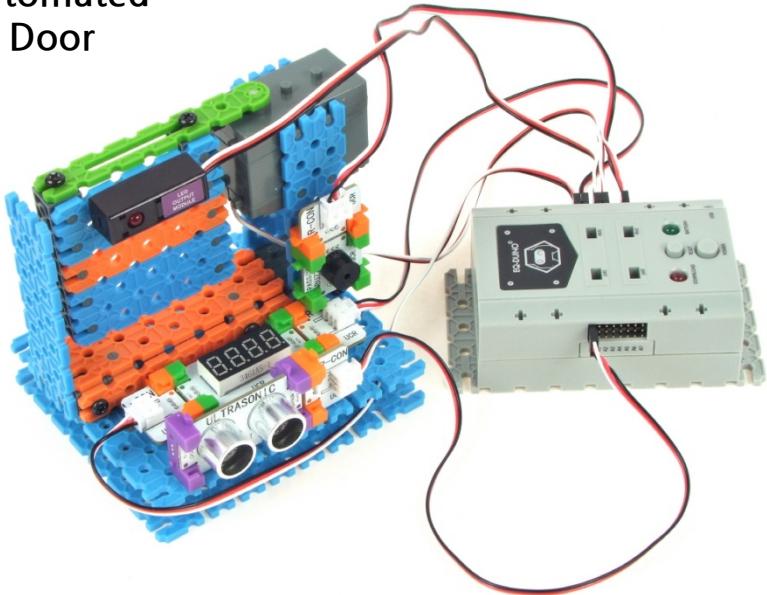
Melody Buzzer



LED X 1

The servo motor must be positioned the output shaft as 90 degree at this model.

## Automated Door



1

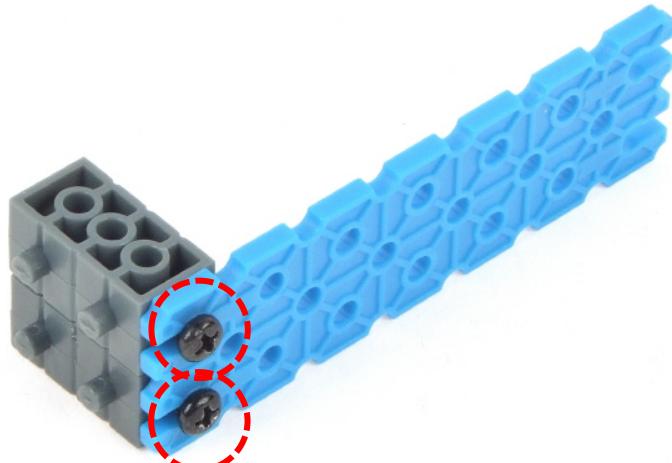


X 1



X 2

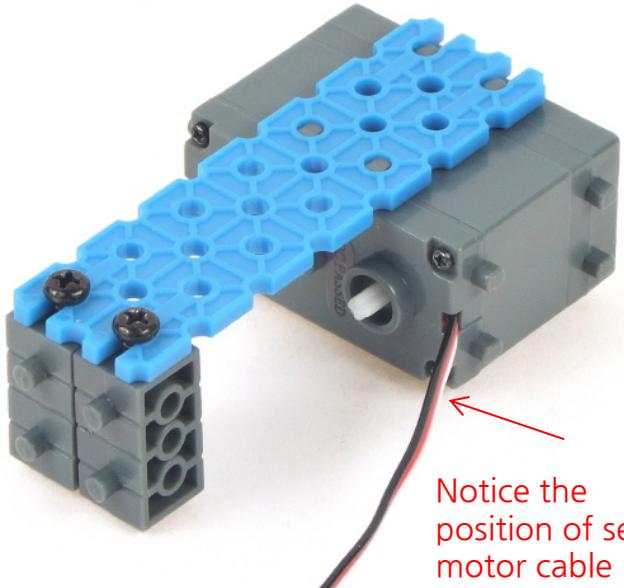
(S) X 2



2



Servo motor X 1

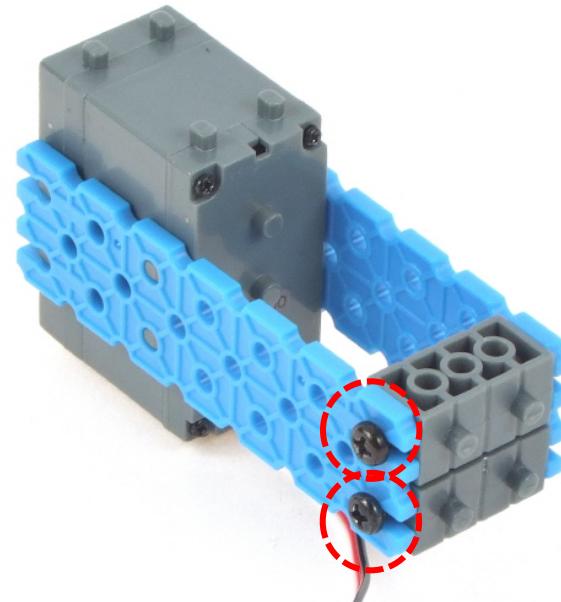


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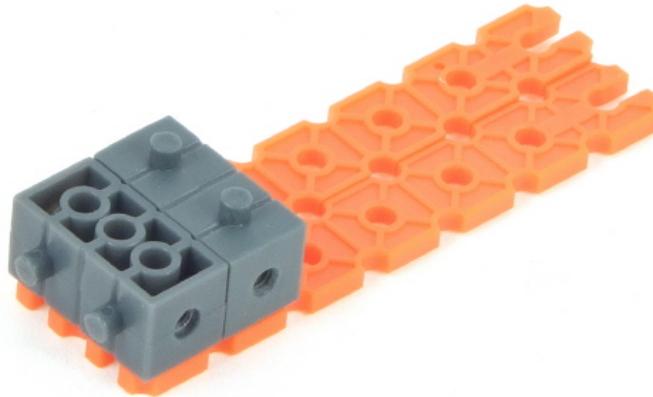
X 1

(S) X 2

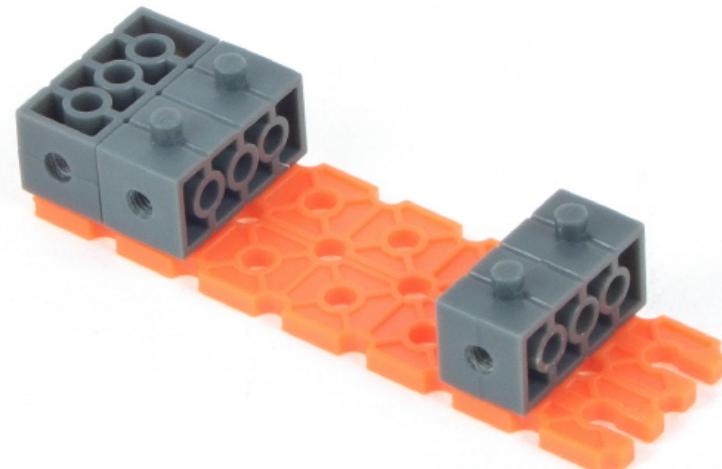


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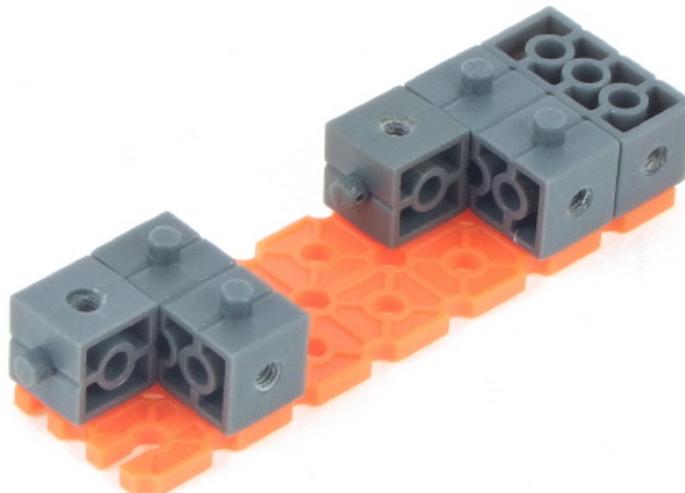
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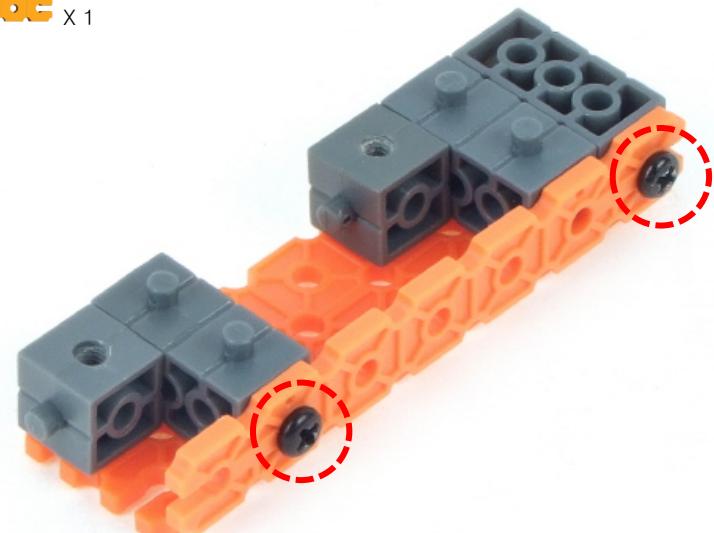
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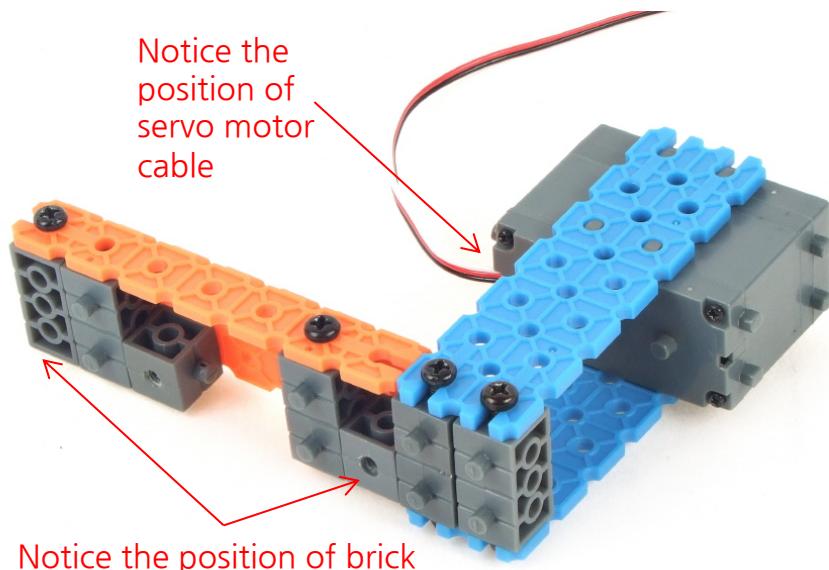
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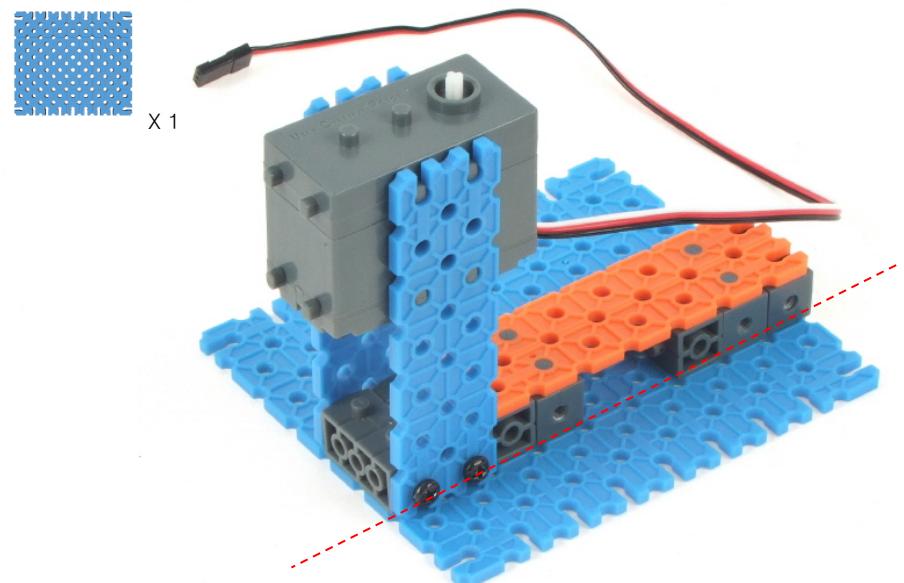
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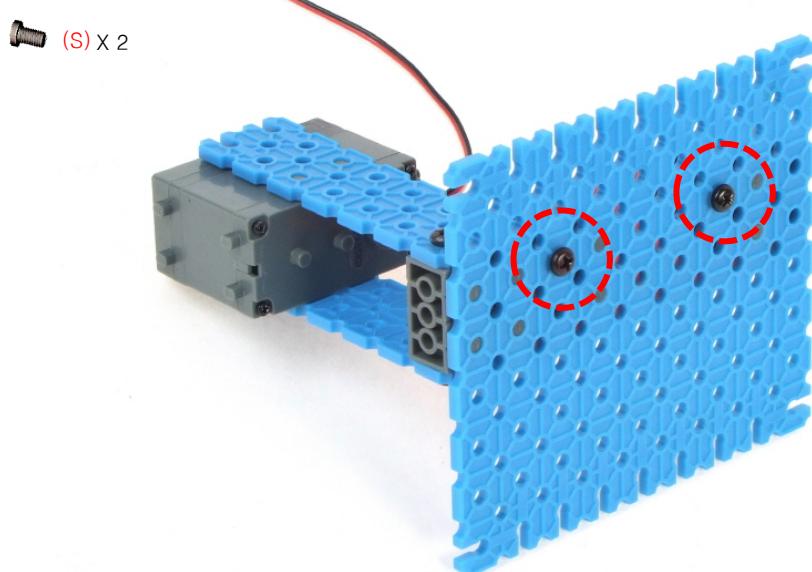
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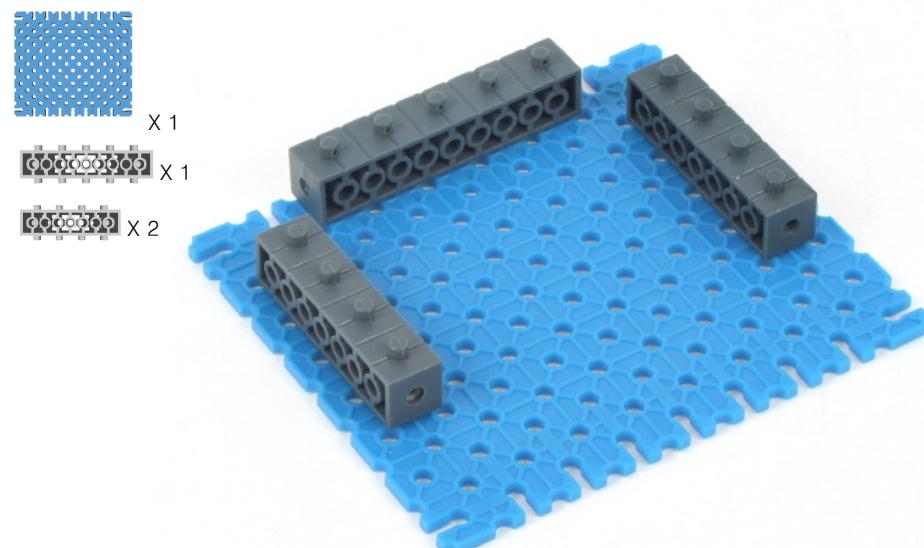
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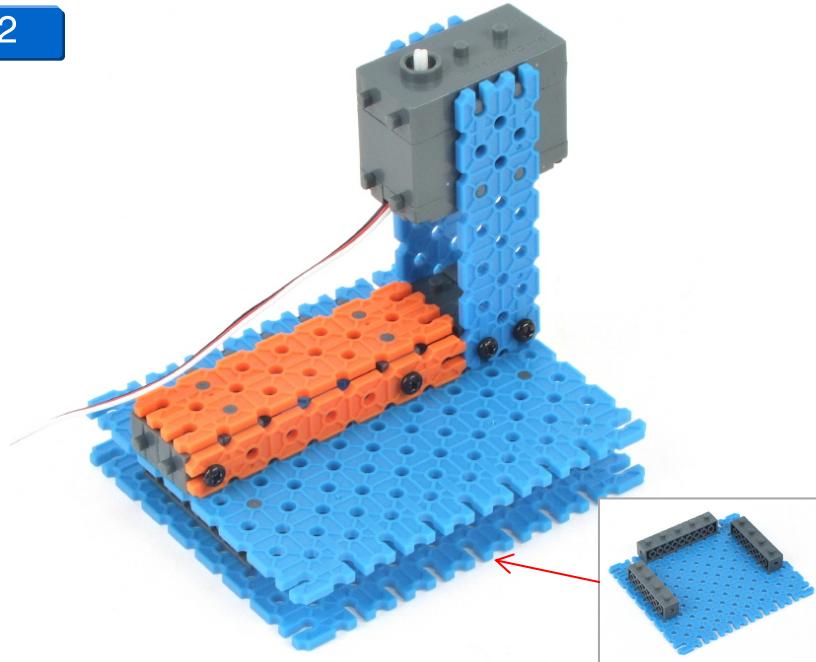
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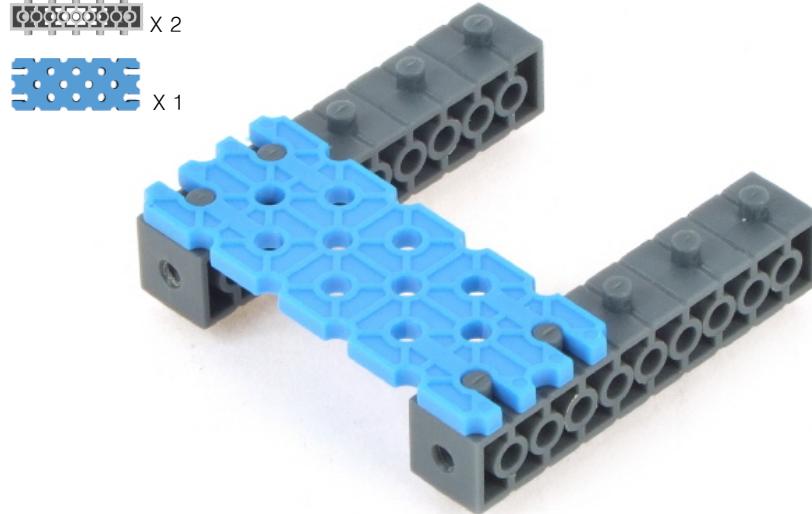
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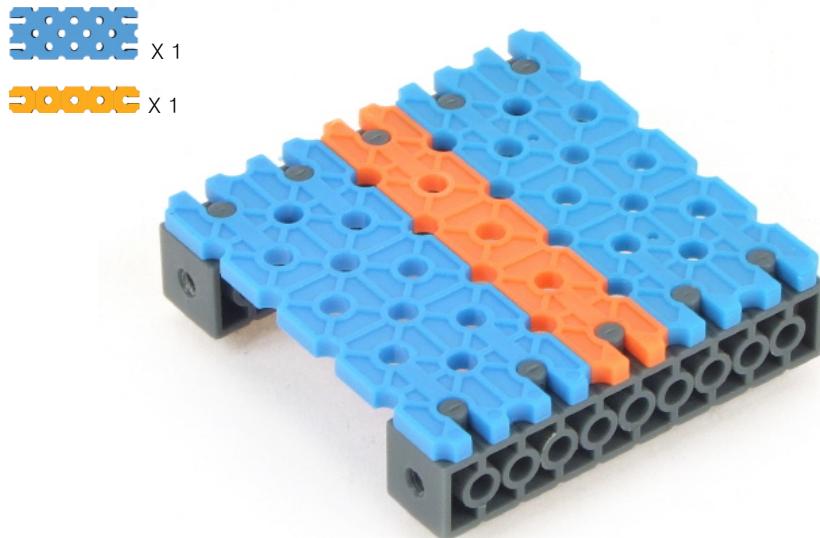
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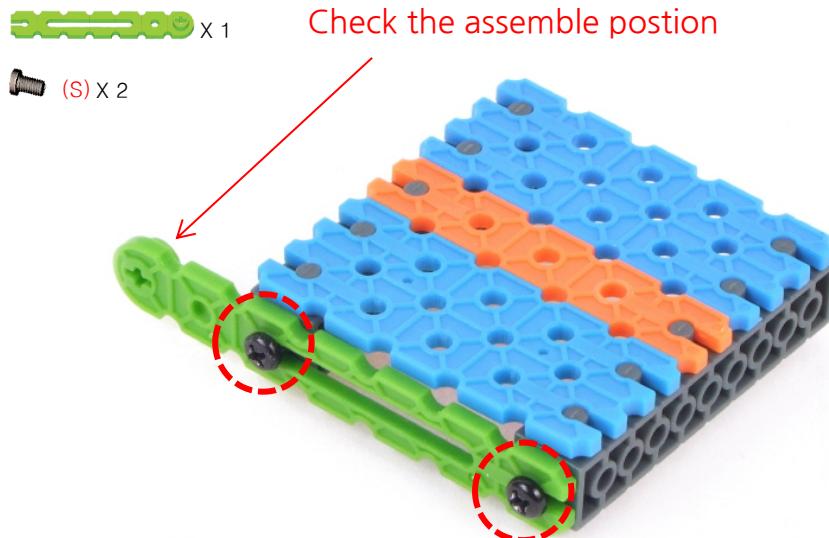
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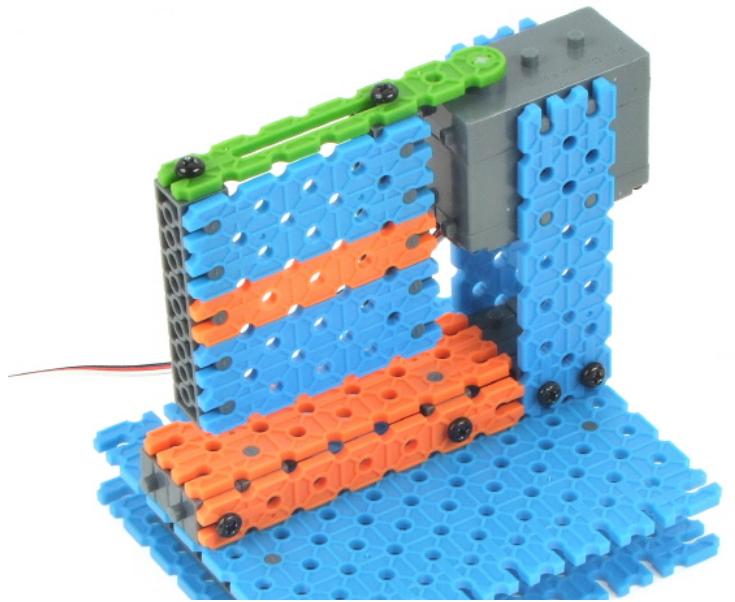
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15

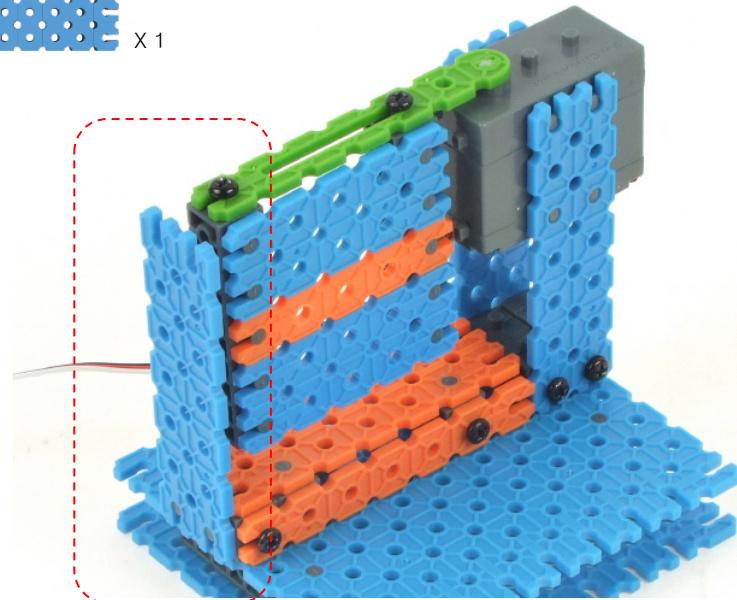


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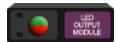


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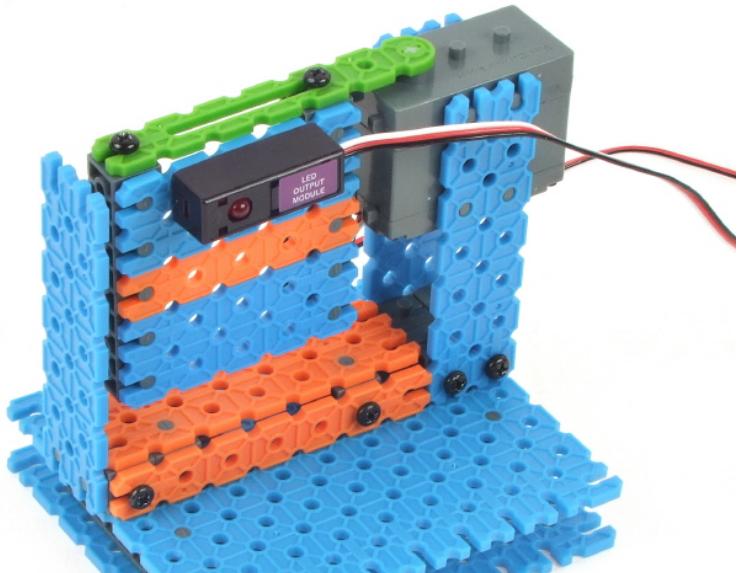
X 1



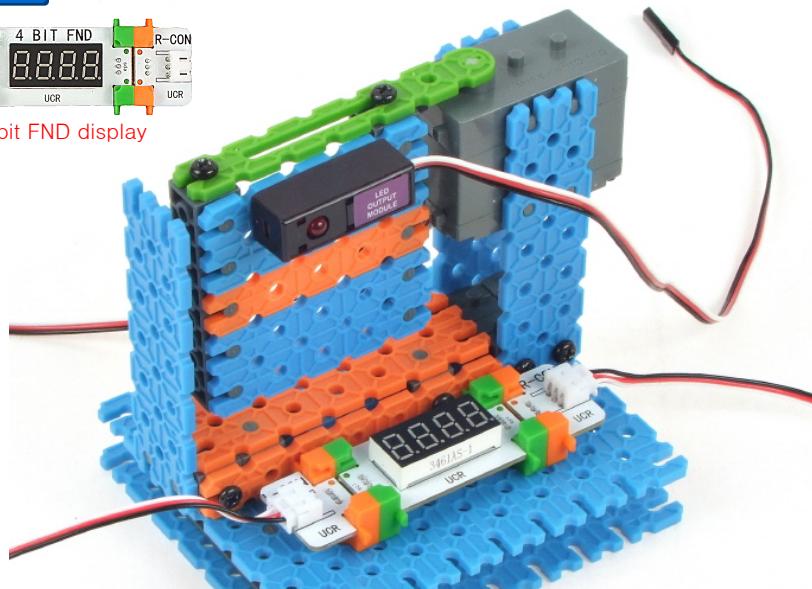
18



LED X 1



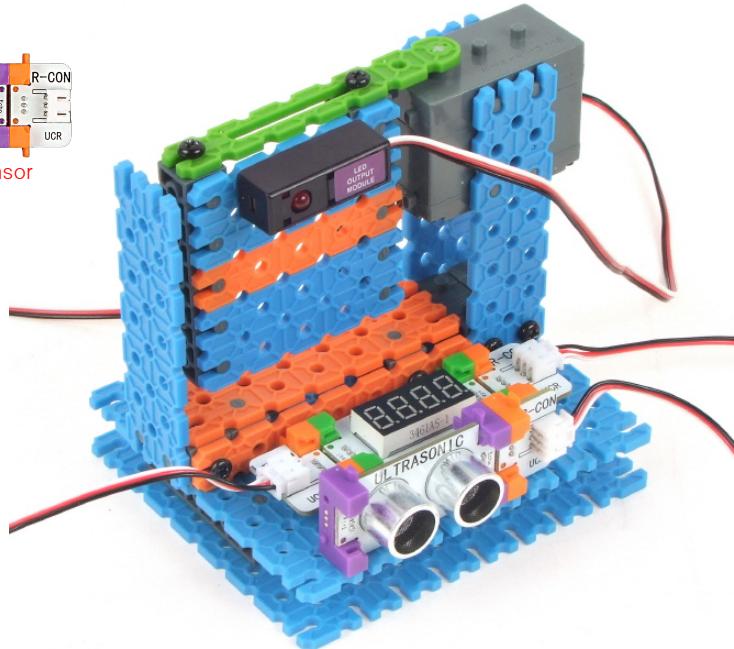
19



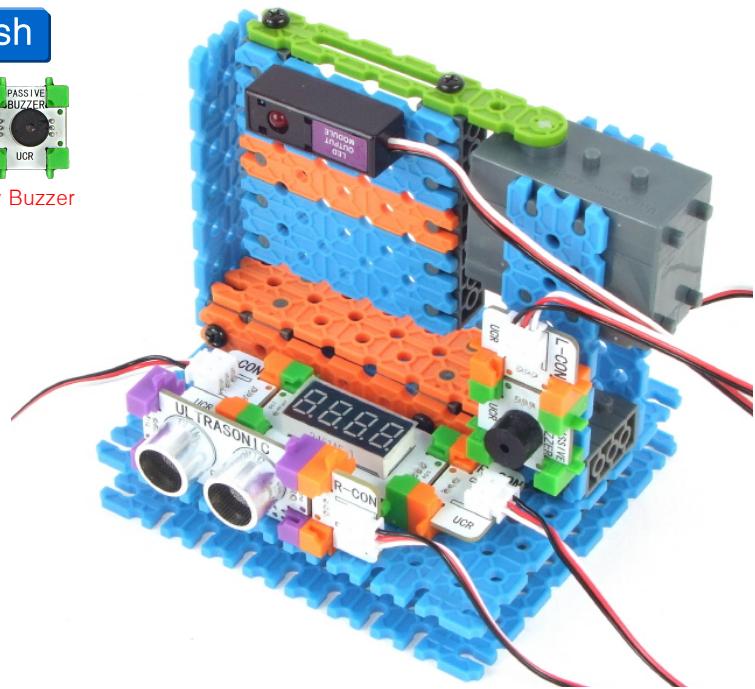
ucrobot@ucrobot.com



Ultrasonic sensor



Melody Buzzer





Connect to the main controller

