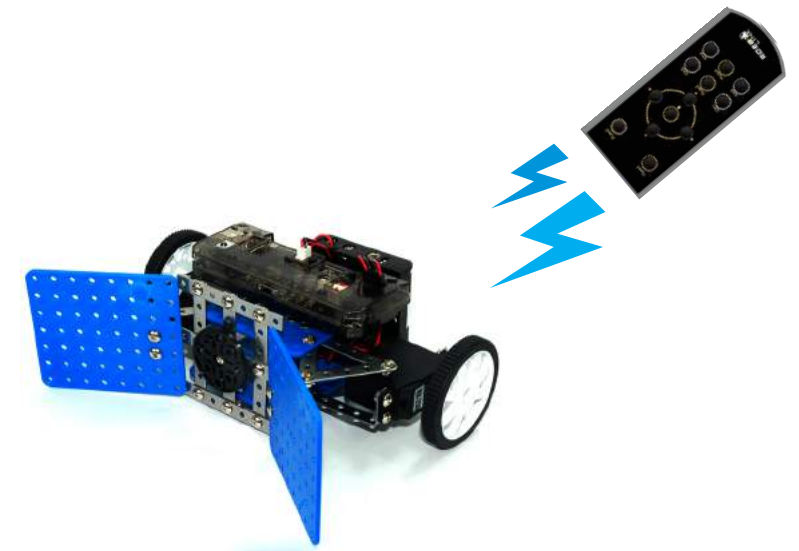
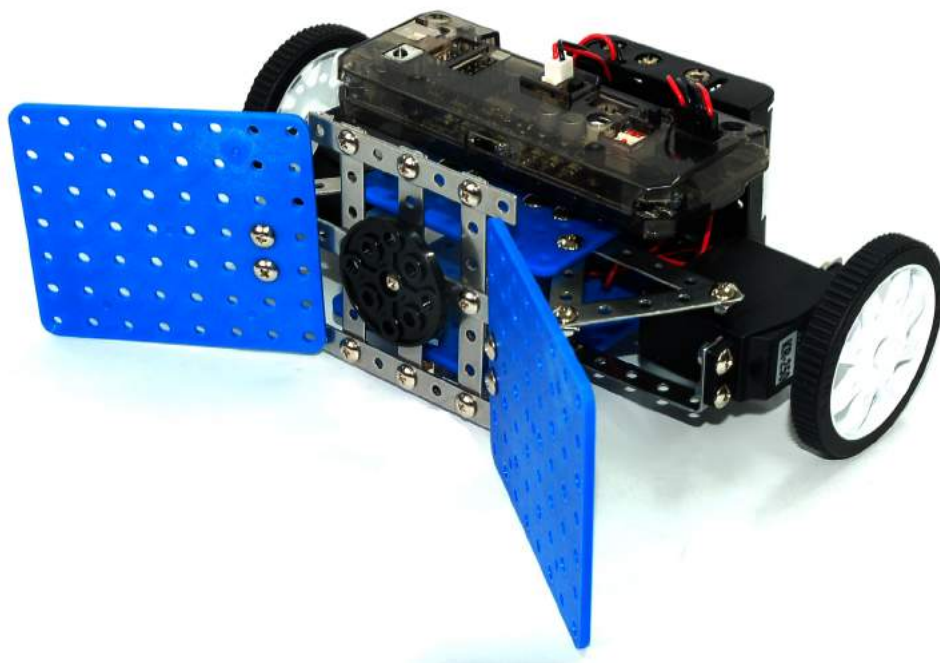


4. Soccer Robot

Introduction and how it works



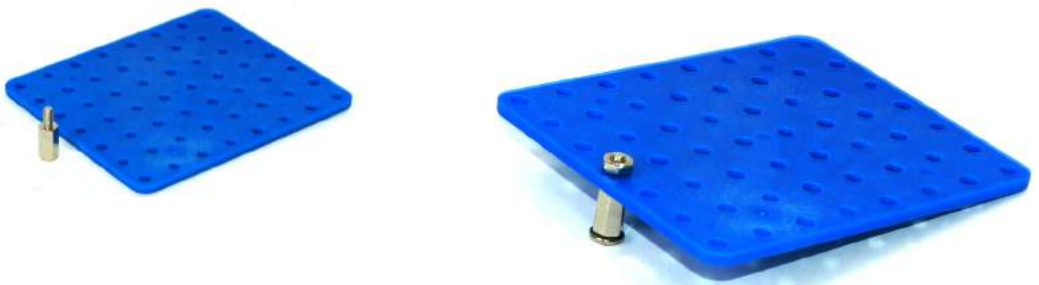
Soccer robot is a controllable robot that operates by a infrared ray remote. This remote is a device that can transfer the data by blinking. The robot's smart board detects those blinks and interprets them to know what buttons were clicked.



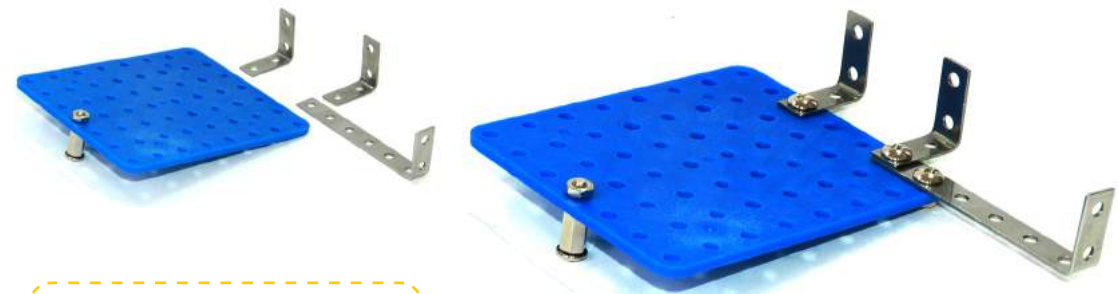
Not only the soccer robot, many of home appliances use this method to operate.



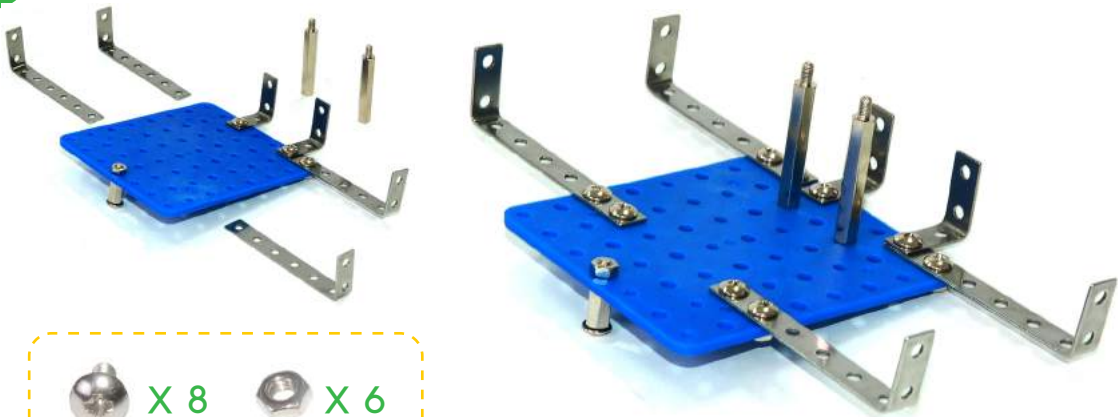
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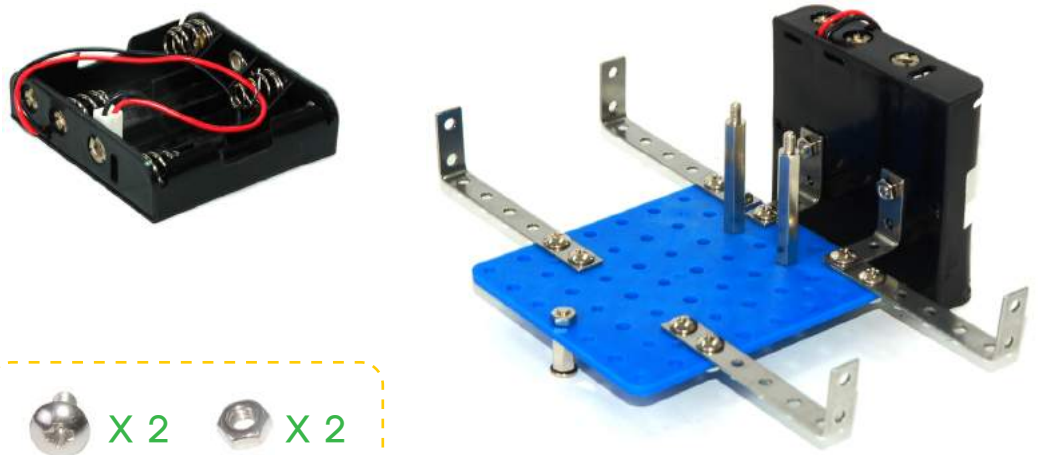
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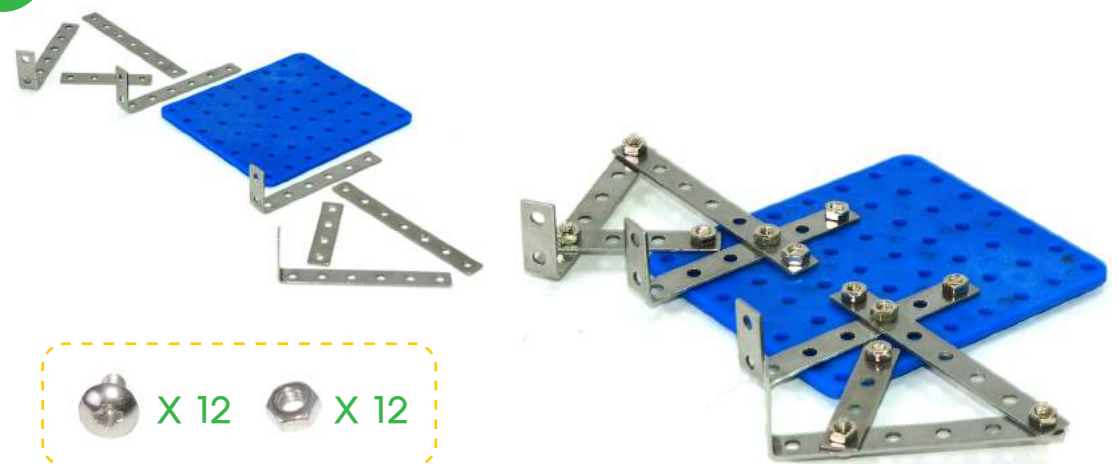
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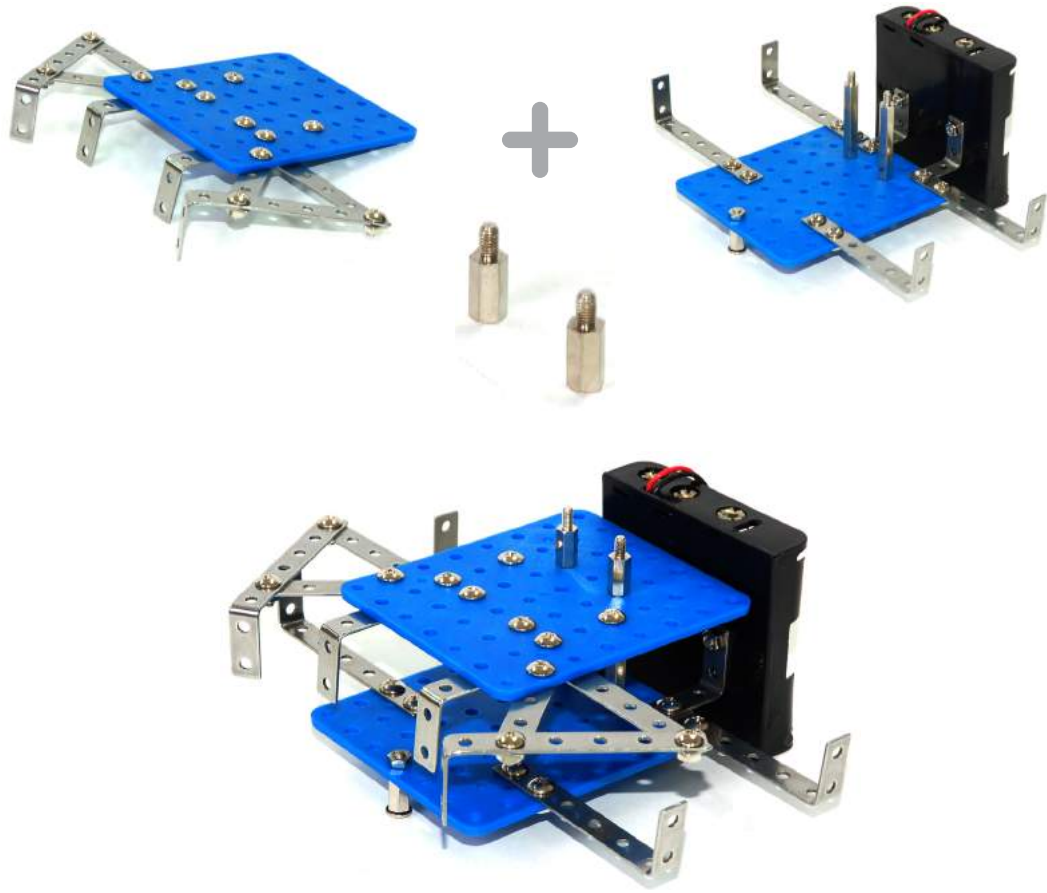
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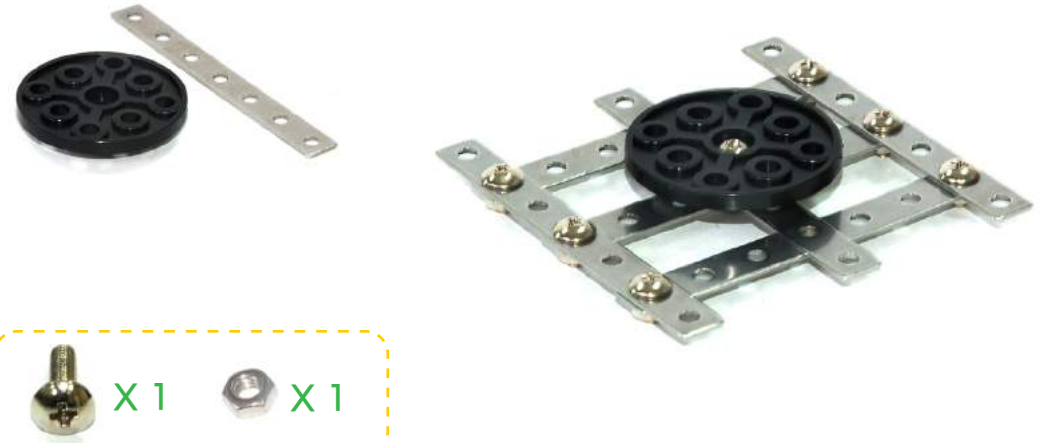
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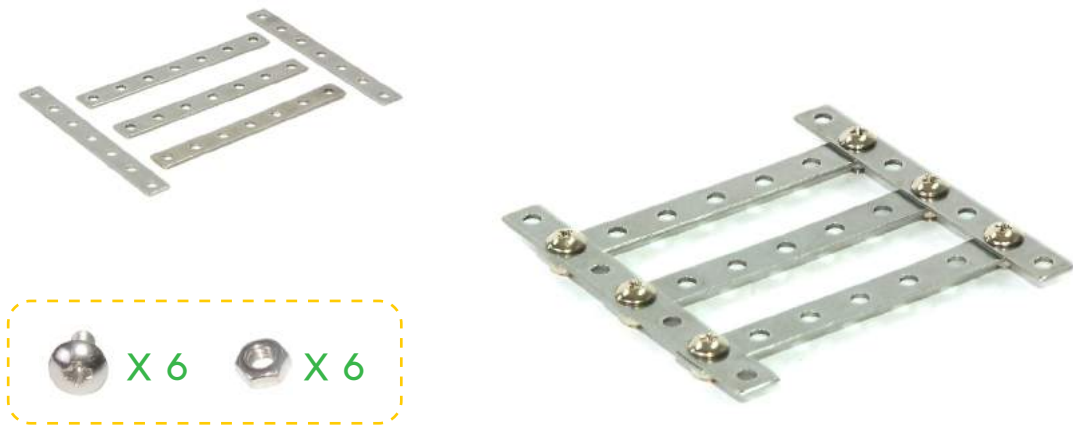
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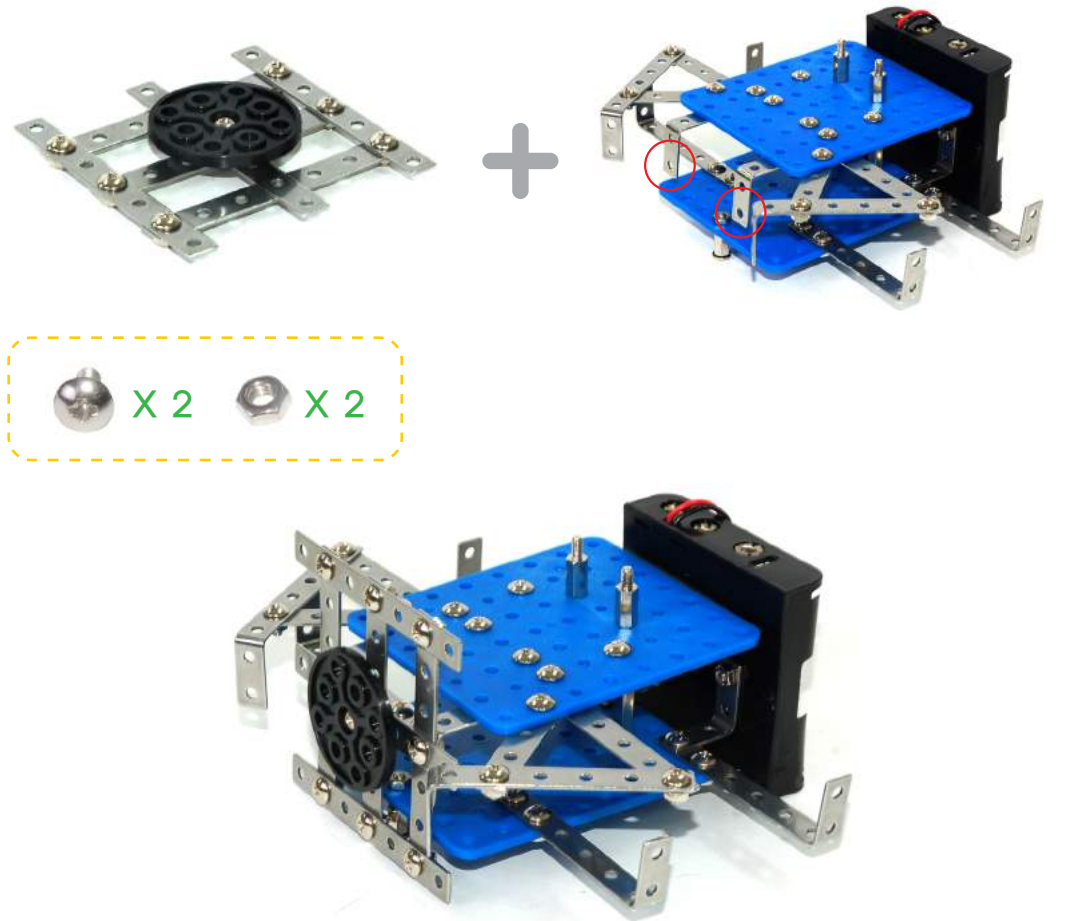
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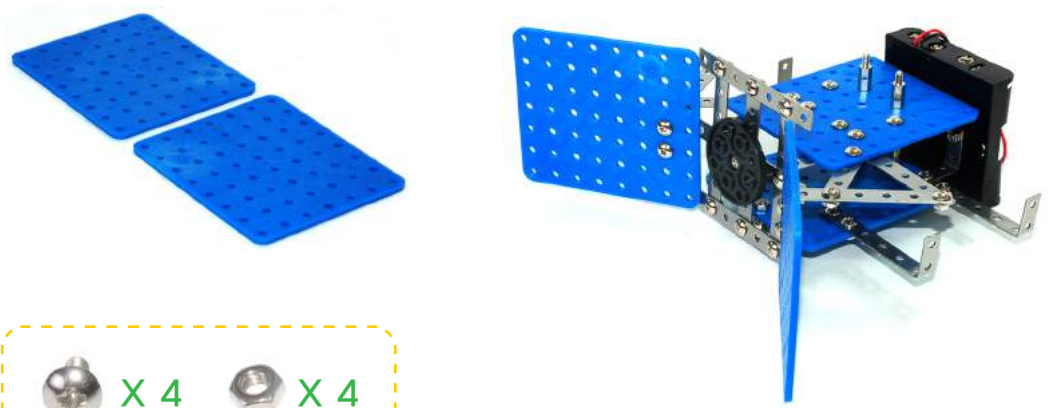
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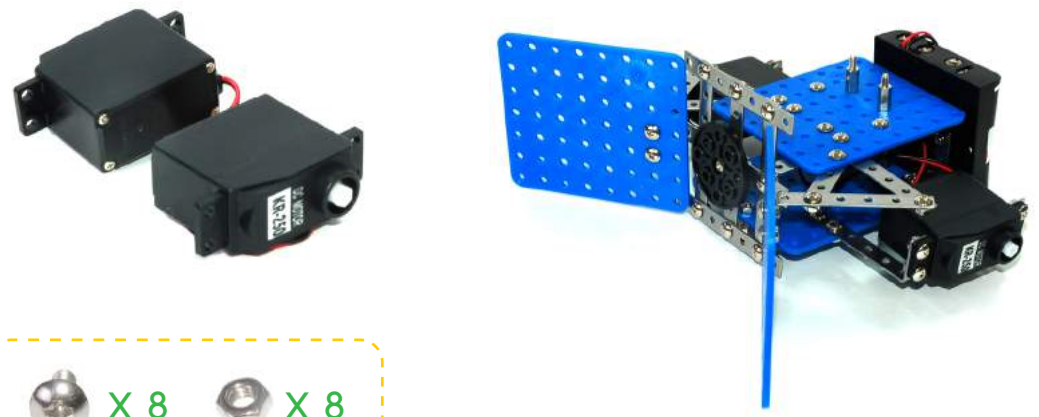
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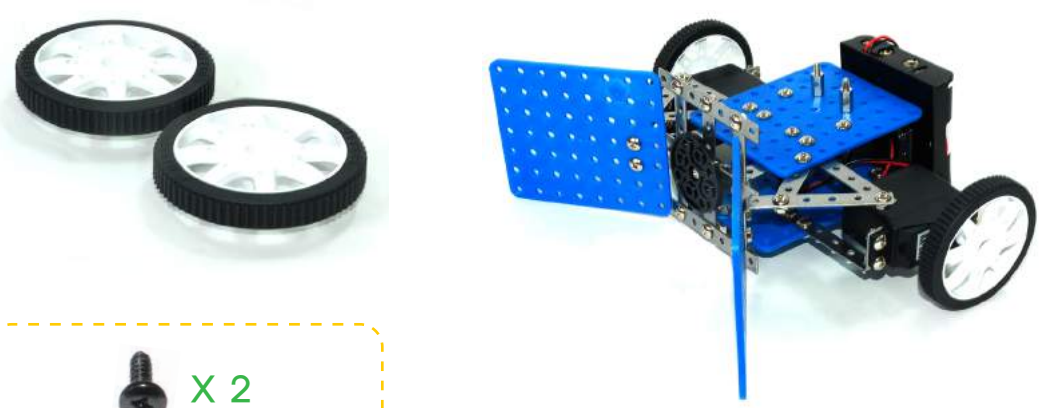
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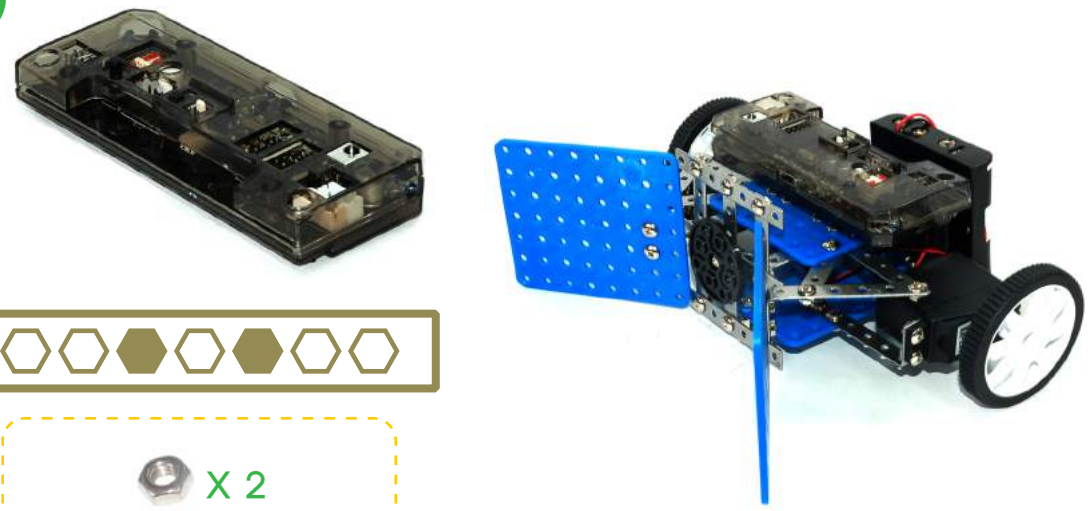
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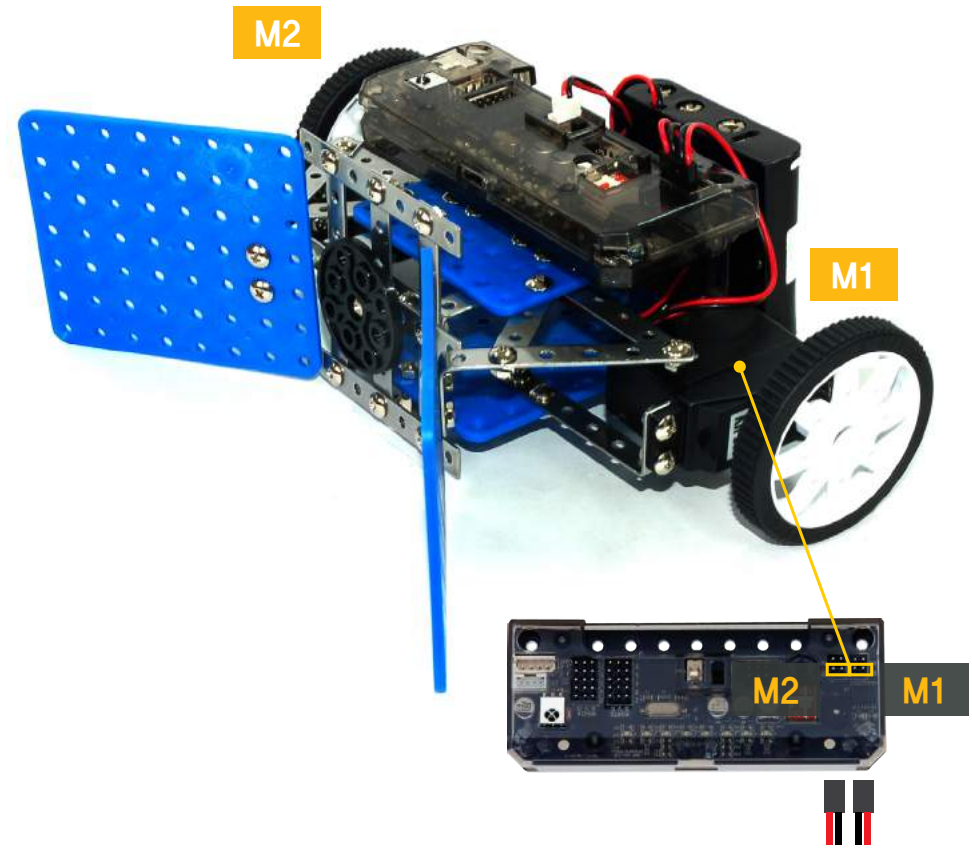
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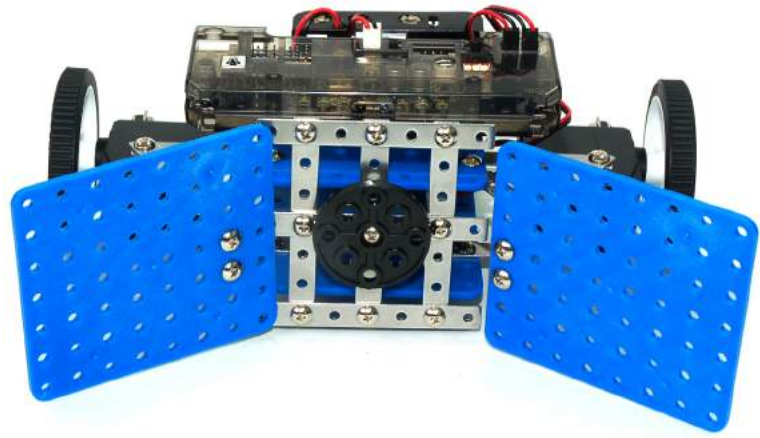
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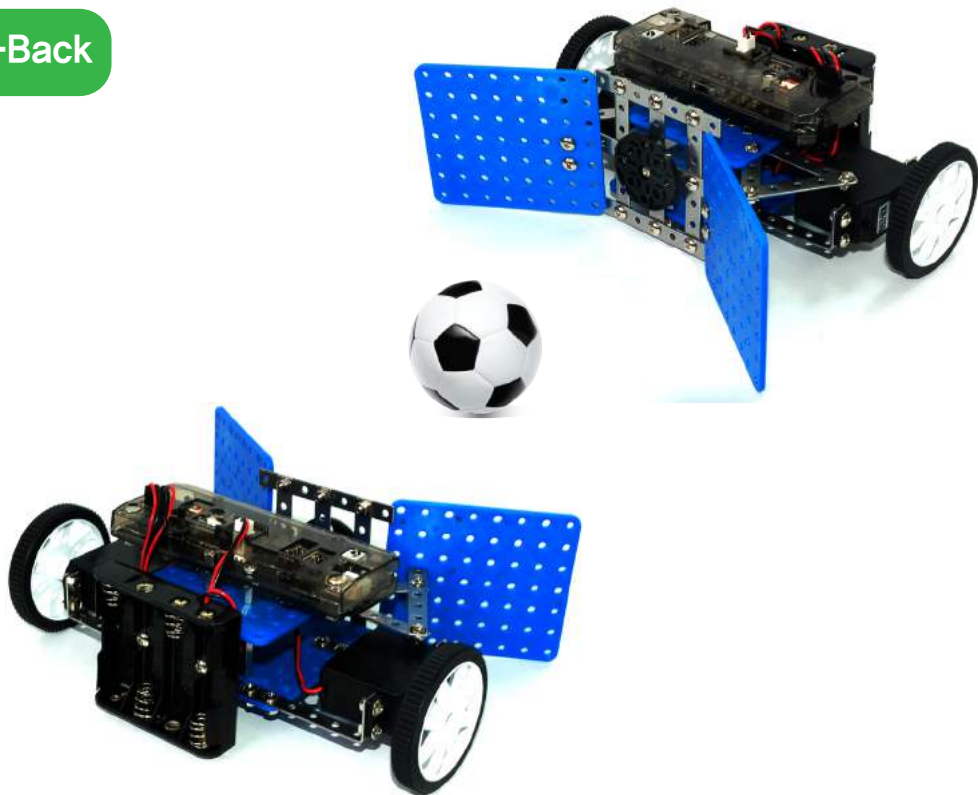
completion



Front view



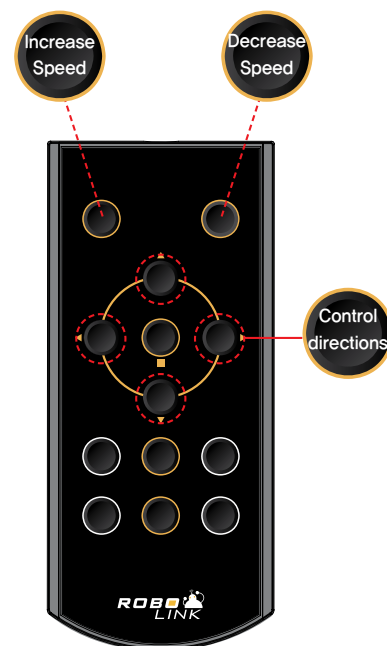
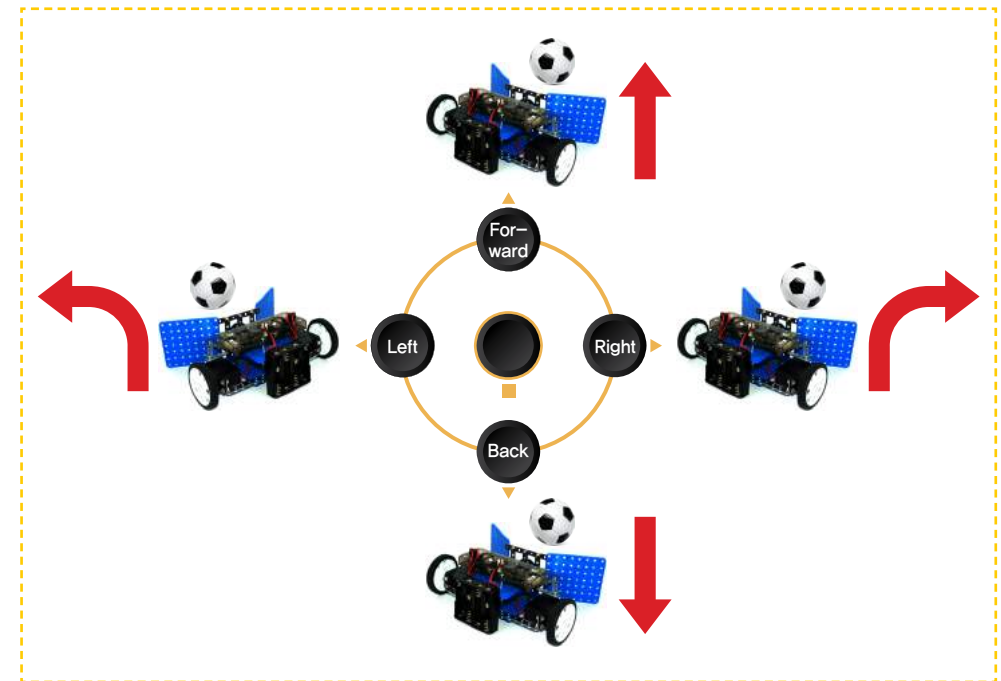
Left-Back



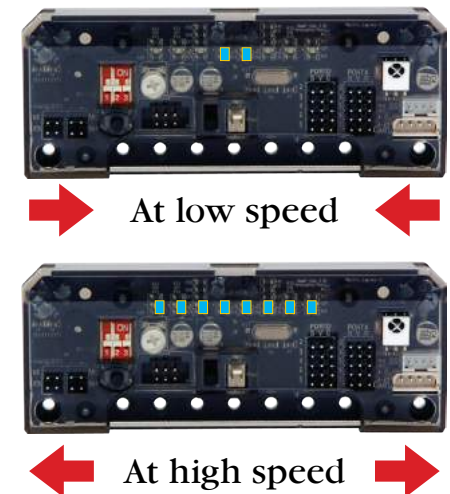
Acting
Module



Soccer Robot uses program mode 4 to operate.

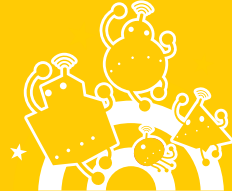


When the speed increases, a brightness of the light increases. (Vice-versa)



Play the Game!

– Soccer game



1. It is 1vs1 or 2vs2 soccer game.



2. Make a square soccer field, and make goalposts at each end.

3. When the game begins, control your robot to kick the ball through your opponent's goalposts. Whenever you make a goal, you get a point.

4. Game time is first half 3 minutes and second half 3 minutes. After the second half ends, the team with the higher score wins.

