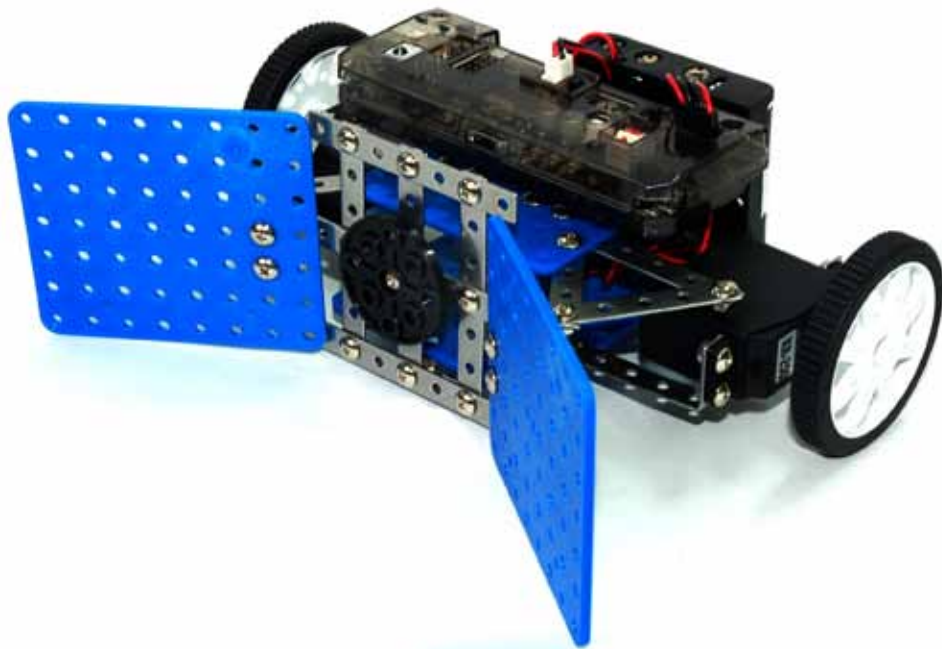


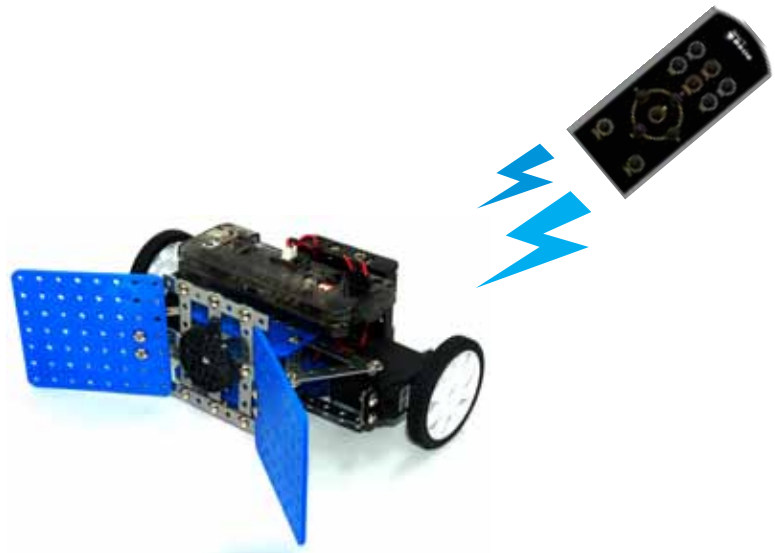
4. Soccer Robot



Introduction and how it works



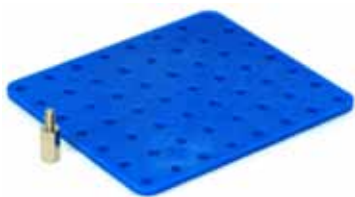
Soccer robot is a controllable robot that operates by a infrared ray remote. This remote is a device that can transfer the data by blinking. The robot's smart board detects those blinks and interprets them to know what buttons were clicked.



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



1

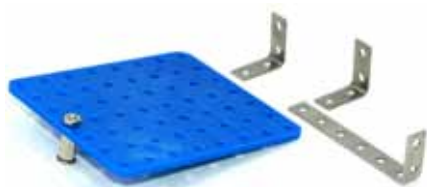


X 1



X 1

2

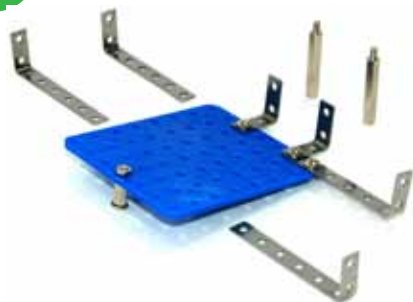


X 3



X 3

3

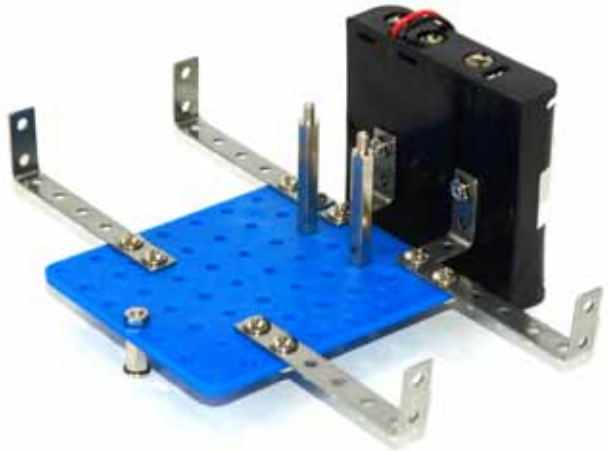


X 8



X 6

4

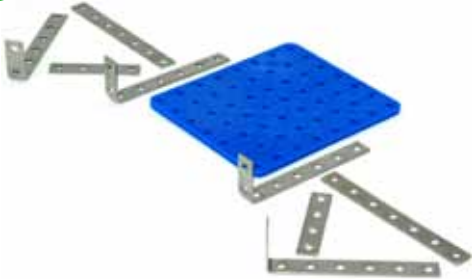


X 2



X 2

5



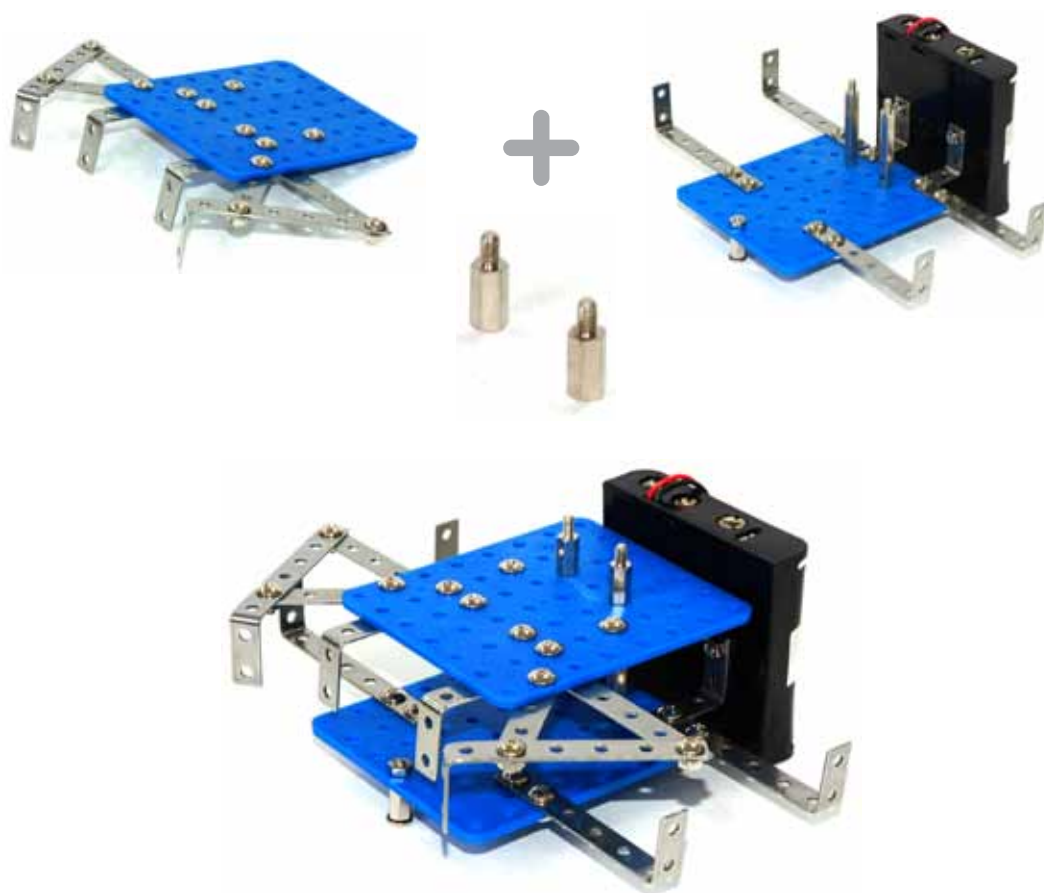
X 12



X 12



6



7



X 6



X 6



8

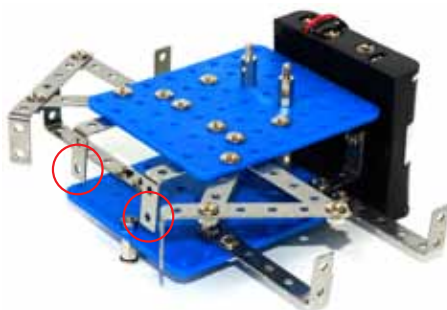


X 1



X 1

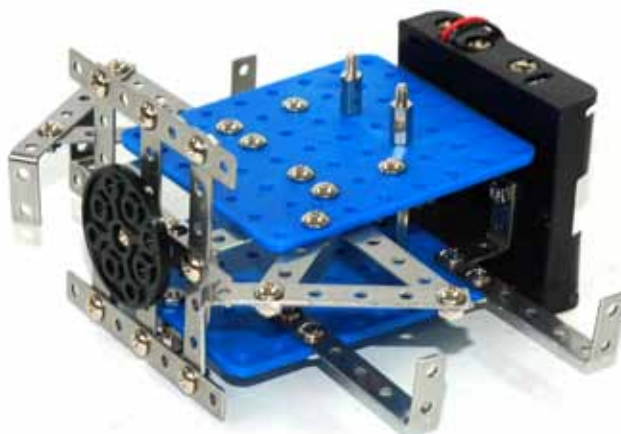
9



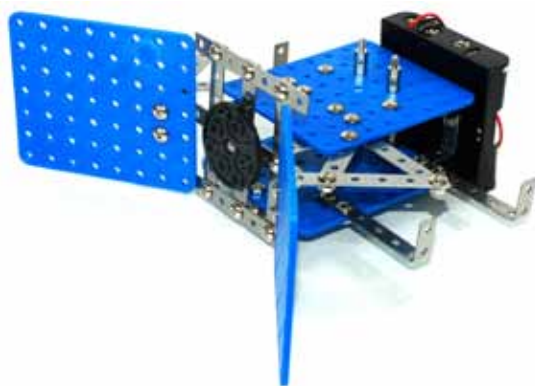
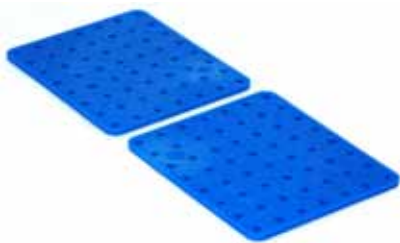
X 2



X 2

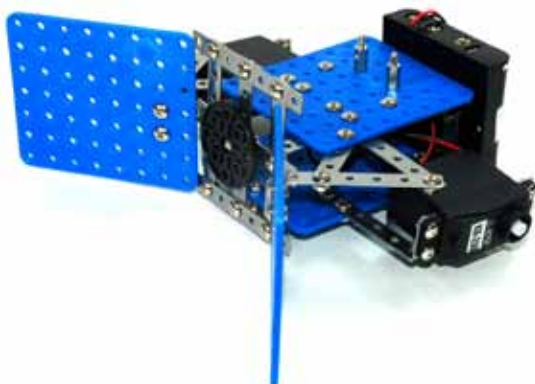


10



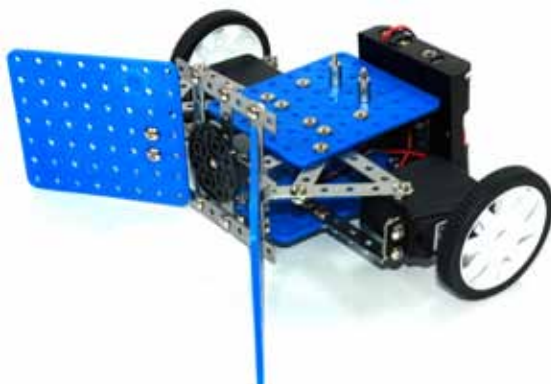
 X 4  X 4

11



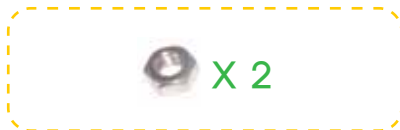
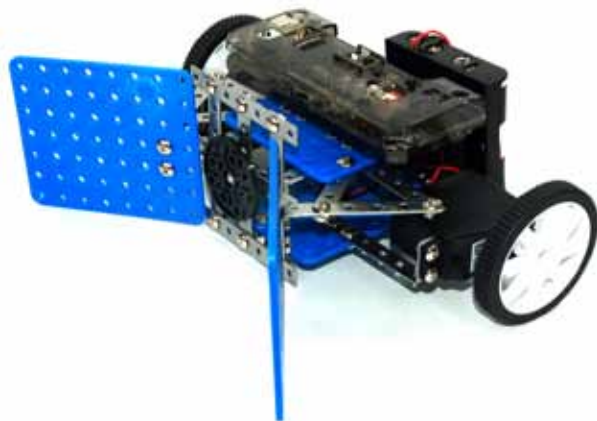
 X 8  X 8

12

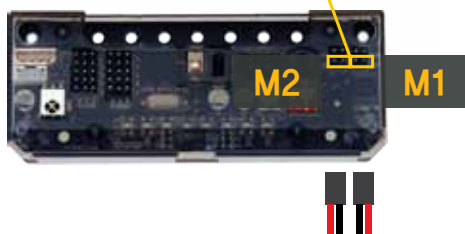
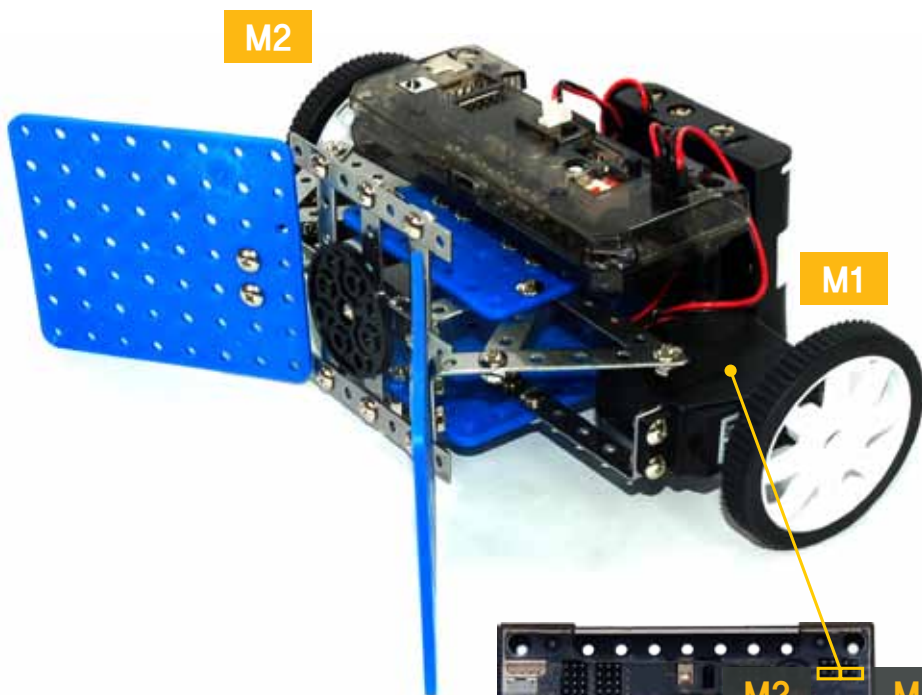


 X 2

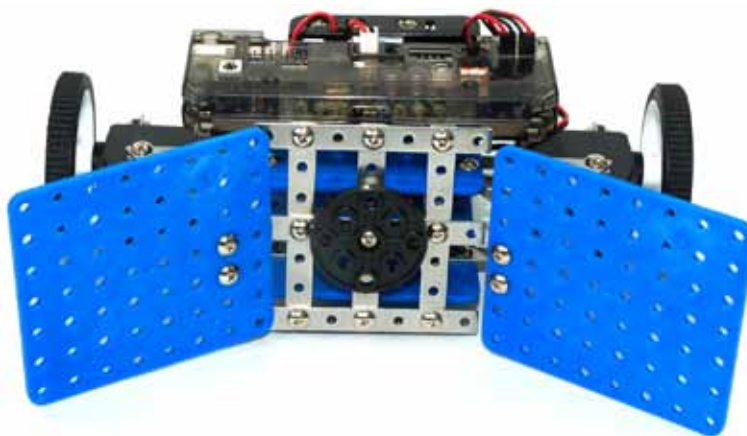
13



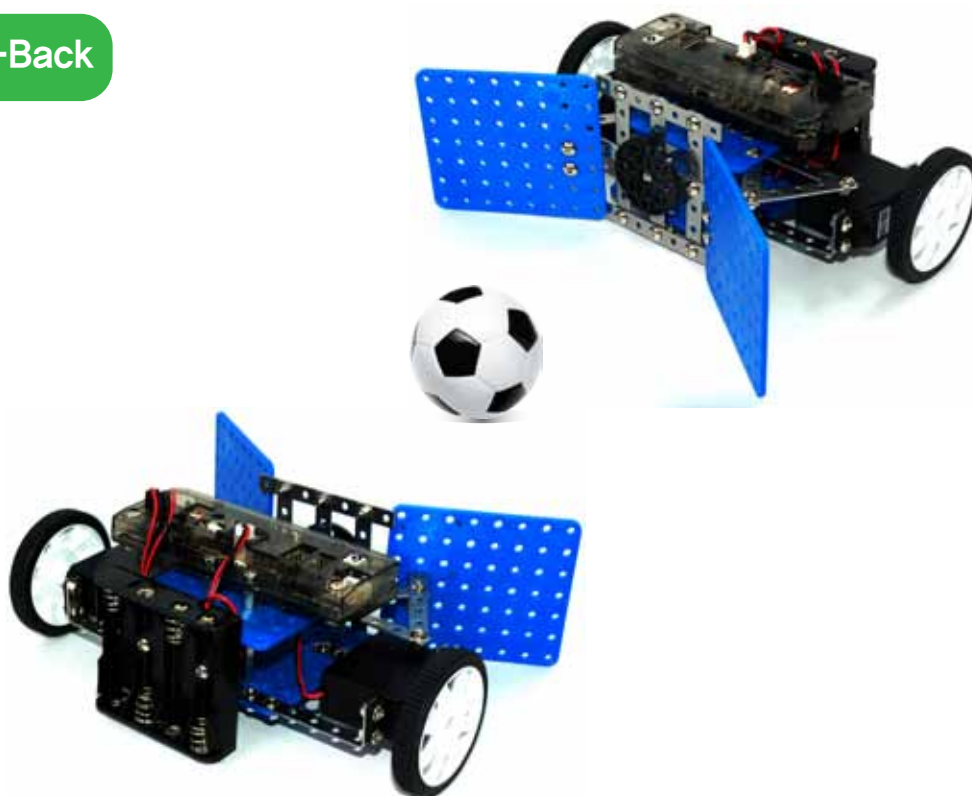
completion



Front view



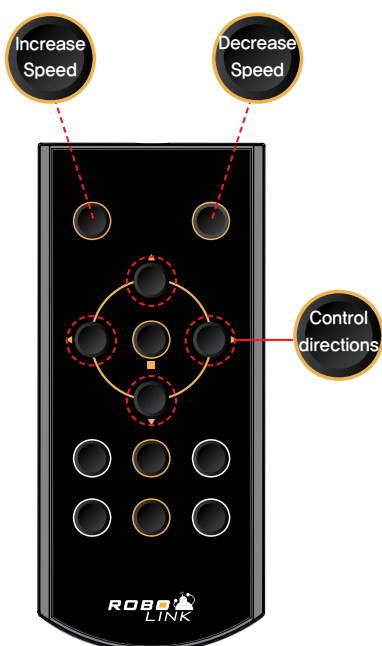
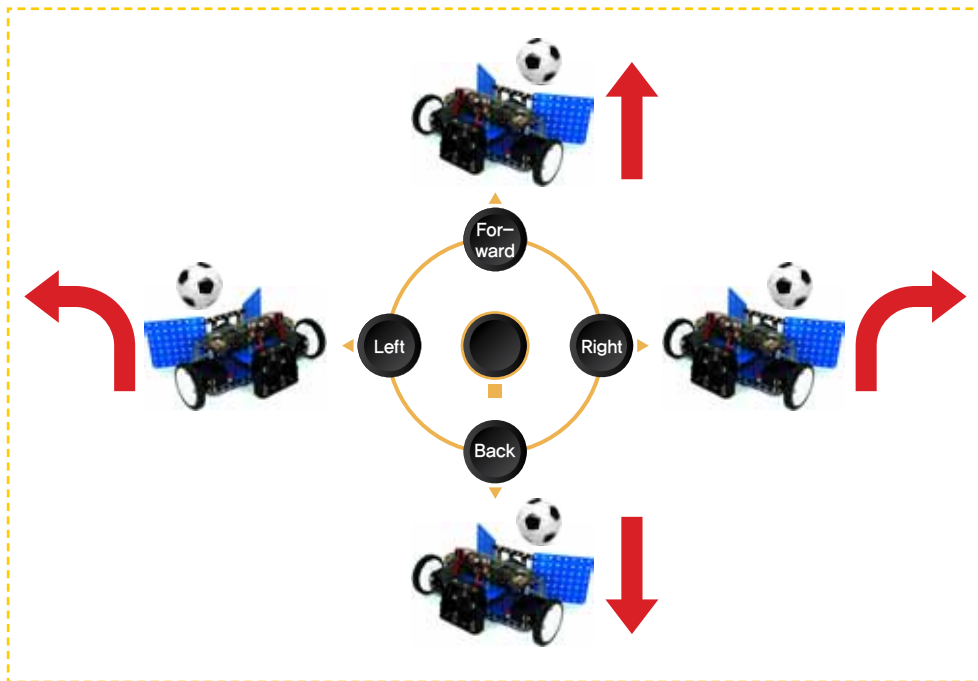
Left-Back



Acting Module



Soccer Robot uses program mode 4 to operate.



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



At low speed



At high speed