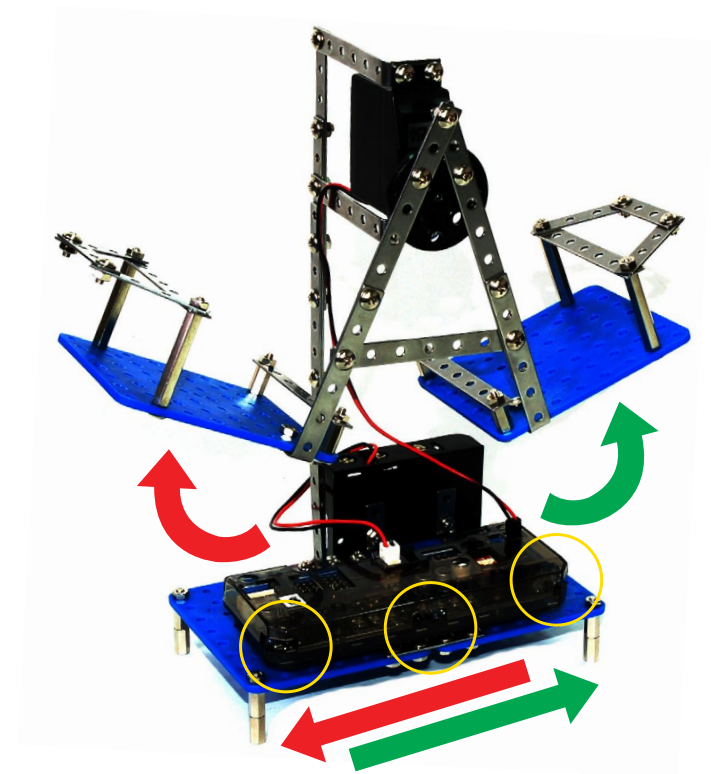
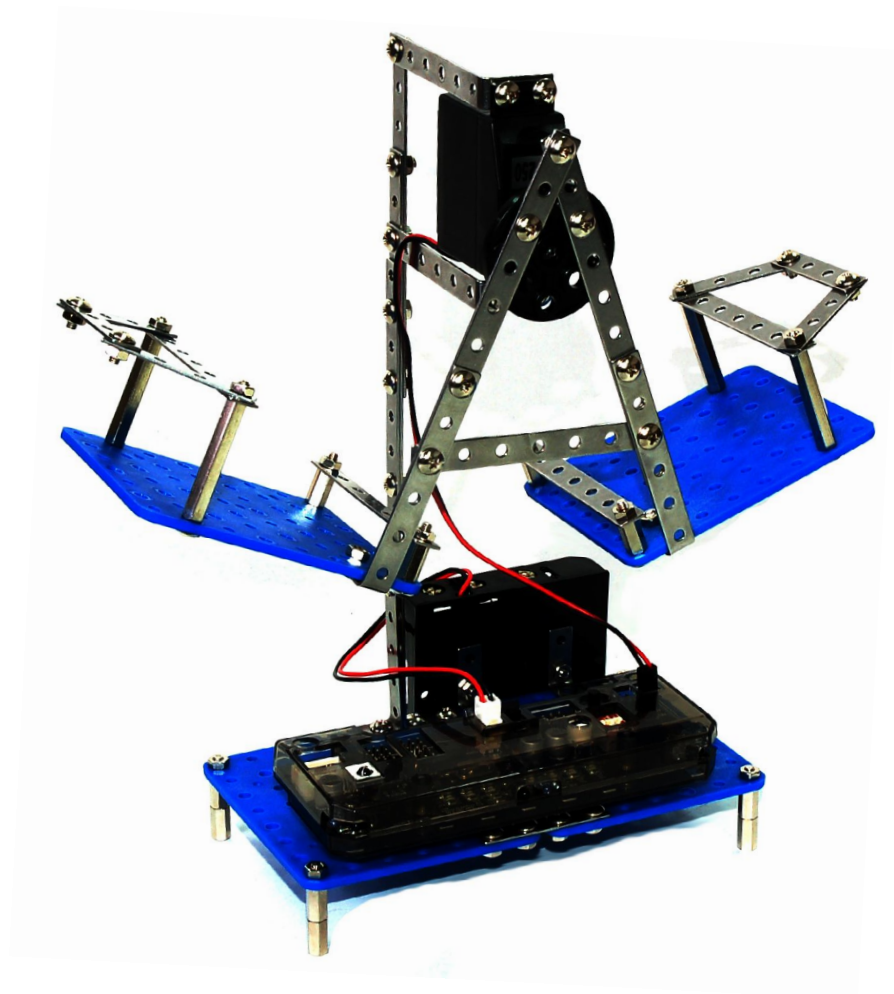


7. Viking Ship Robot

Introduction and how it works

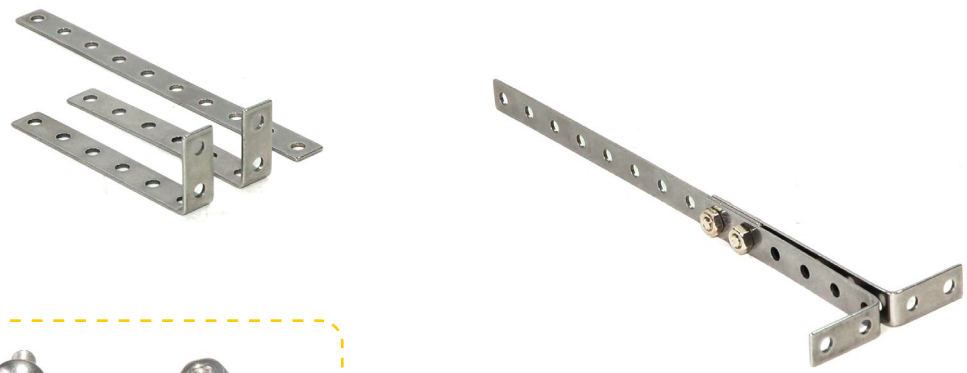


Viking Ship Robot moves left and right continuously, and its speed changes as motor speed changes. Also, this robot has an infrared sensor that when it detects something, it determines the Viking Ship Robot's directions and speed.



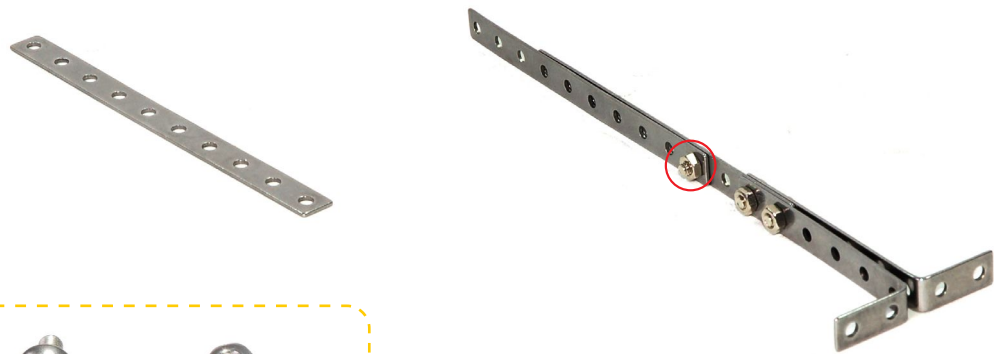
When passing over the three sensors, Viking will move based on that speed and direction.

1



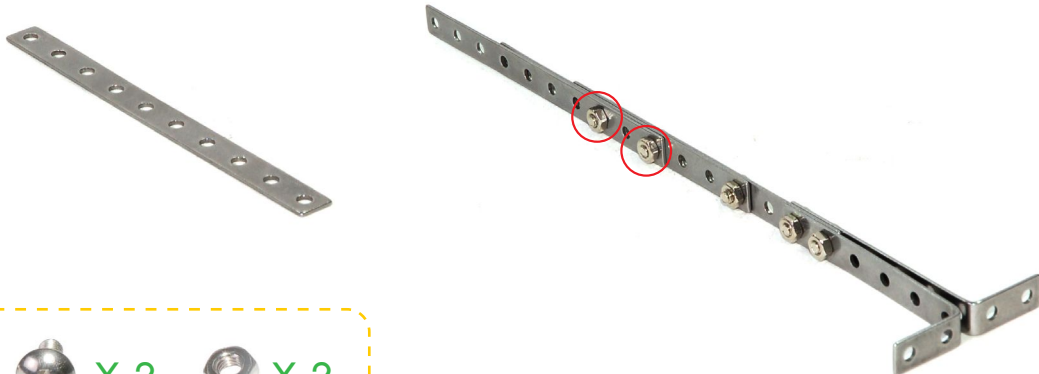
 X 2  X 2

2



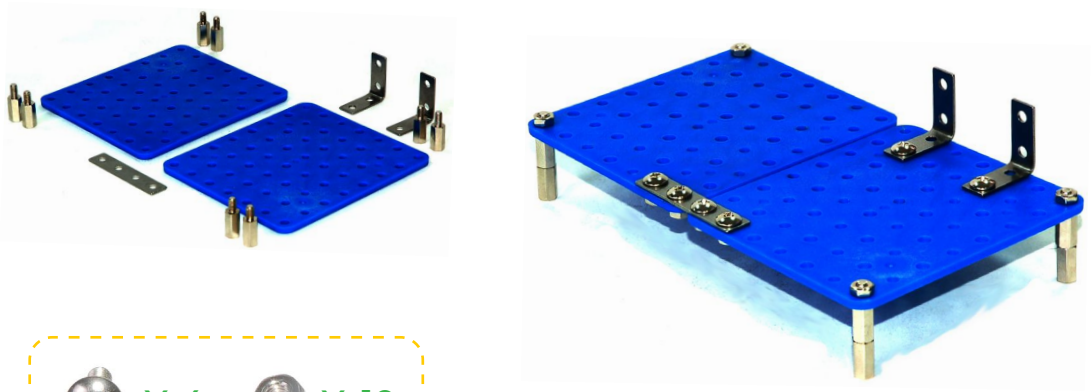
 X 1  X 1

3



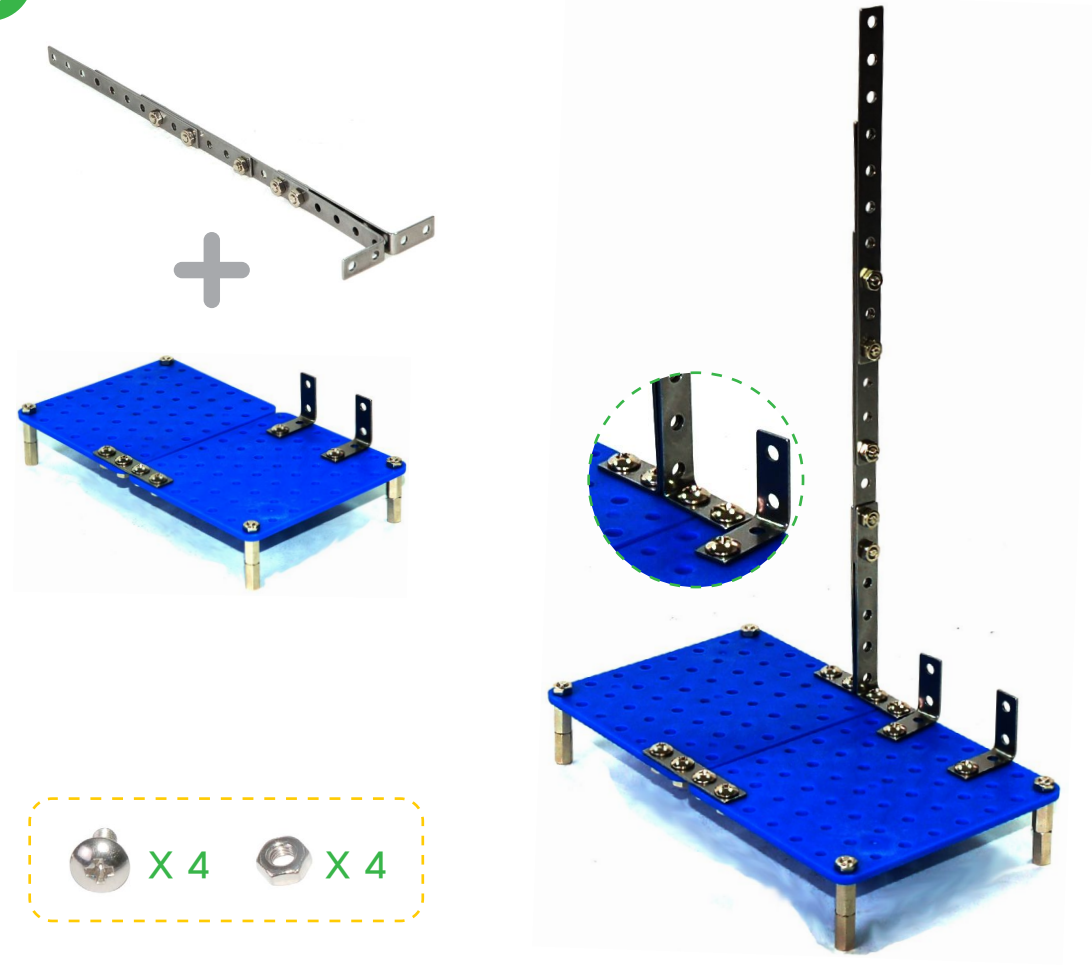
 X 2  X 2

4



 X 6  X 10

5



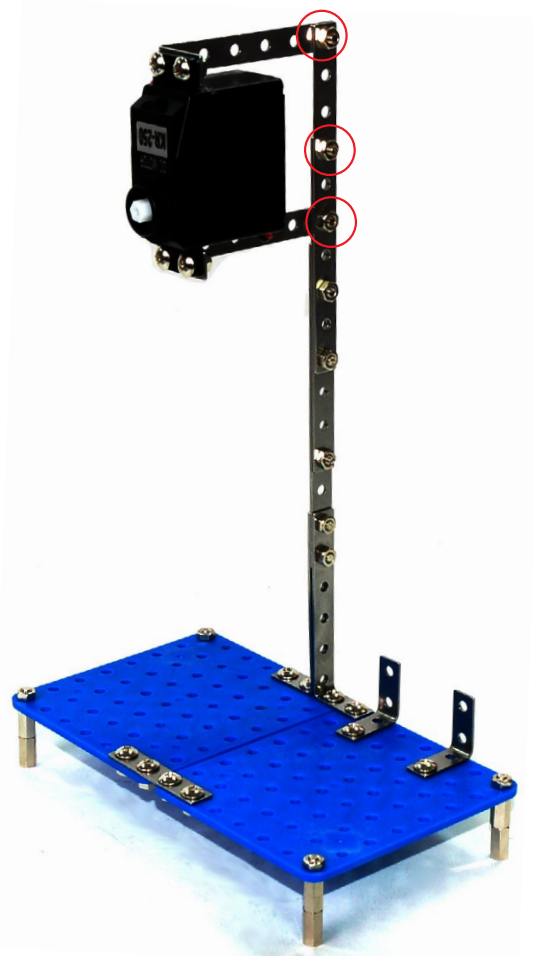
 X 4  X 4

6



X 4 X 4

7

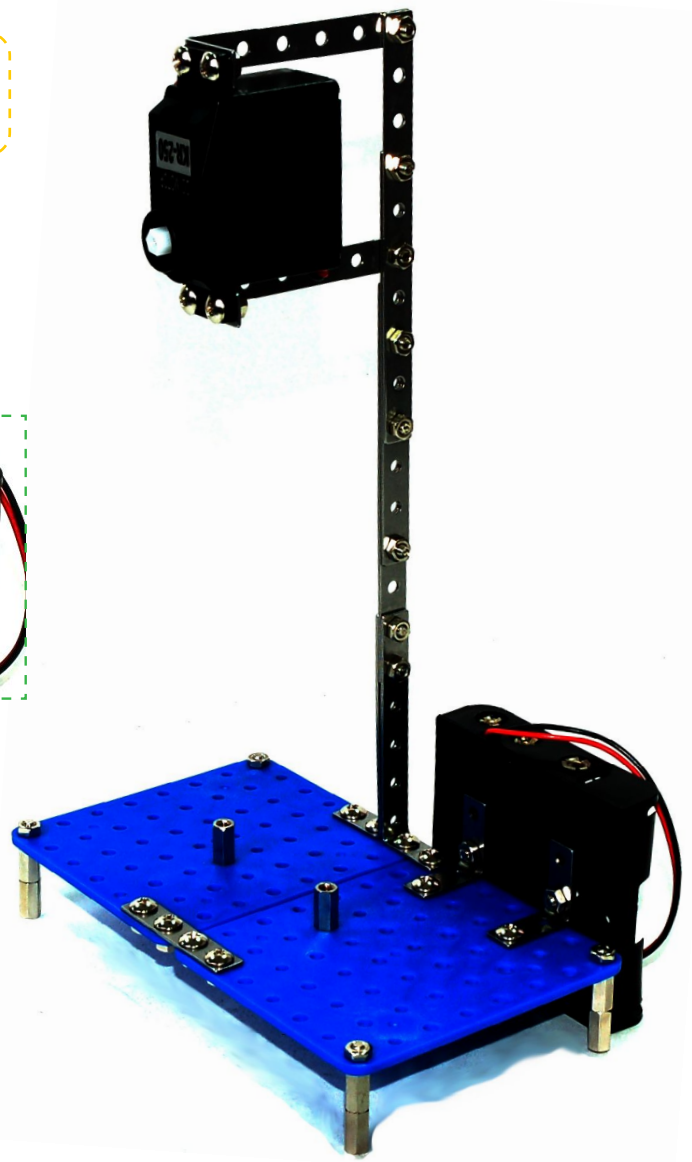
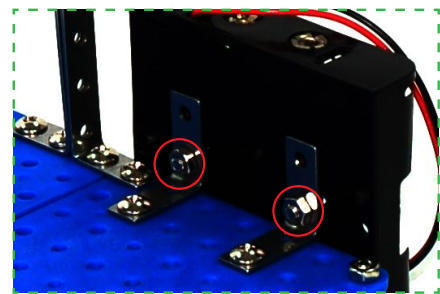


X 3 X 3

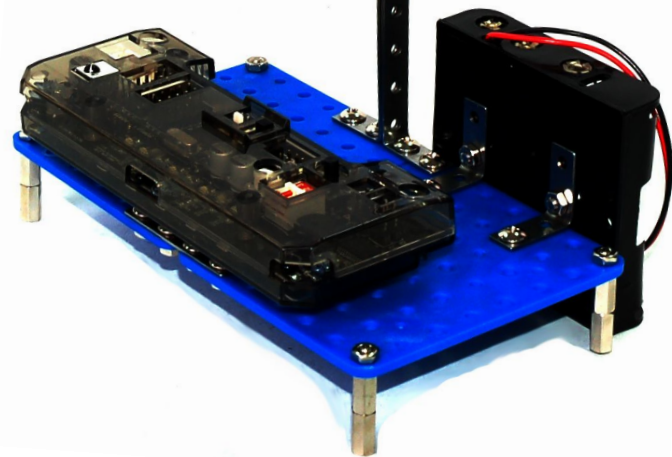
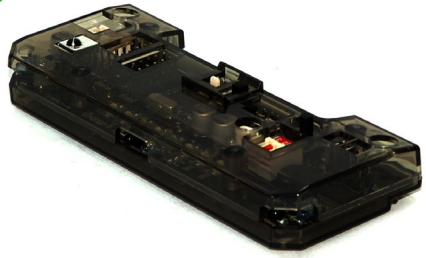
8



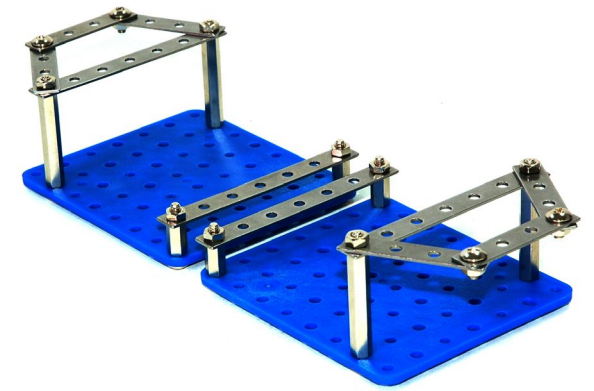
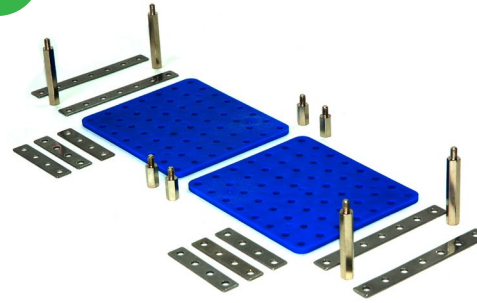
X 2 X 4



9



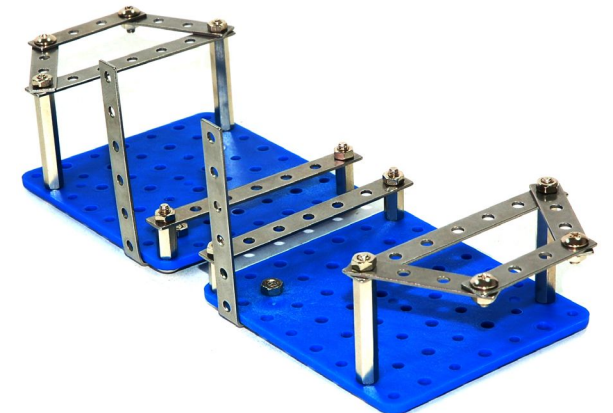
10



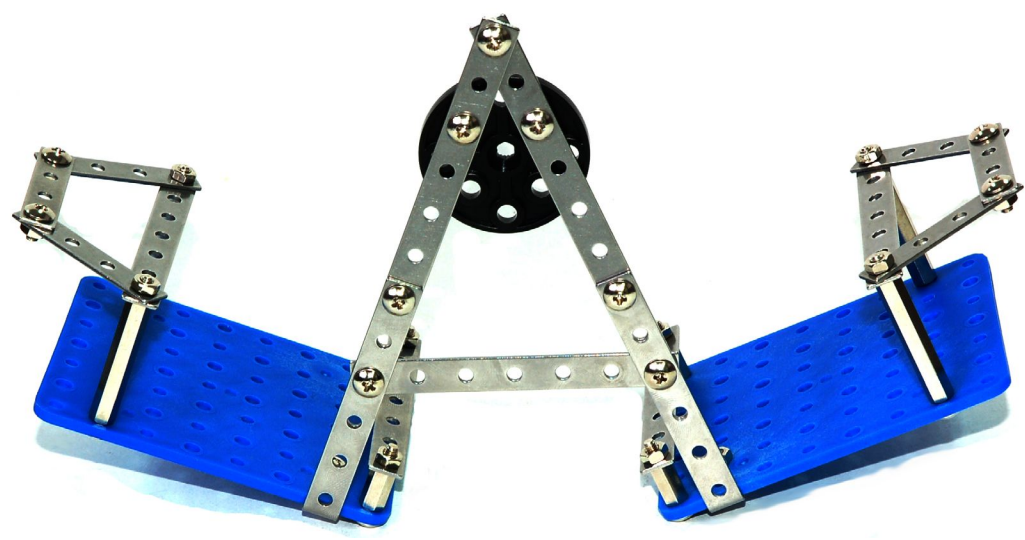
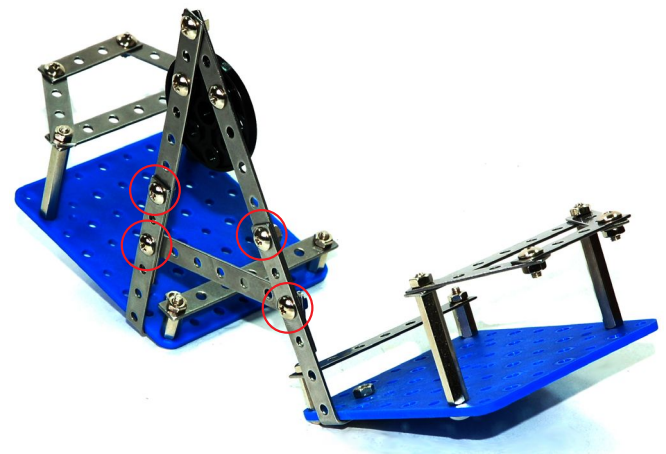
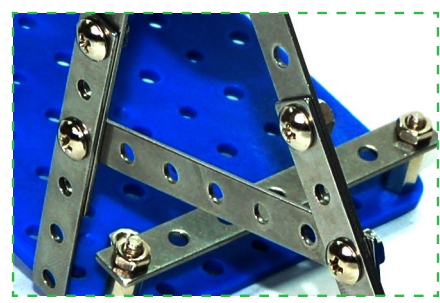
11



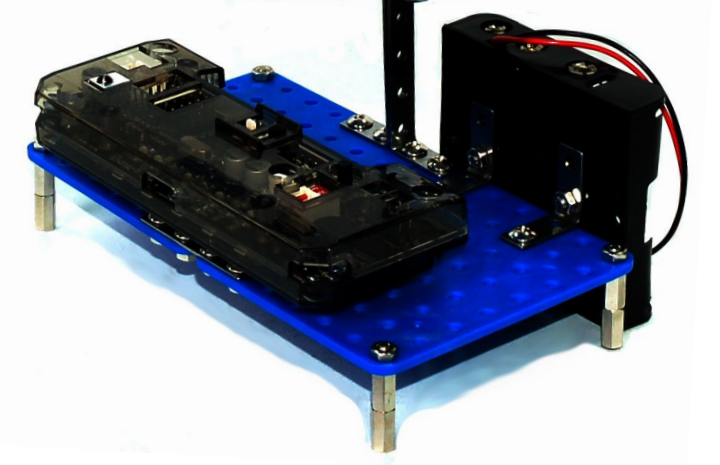
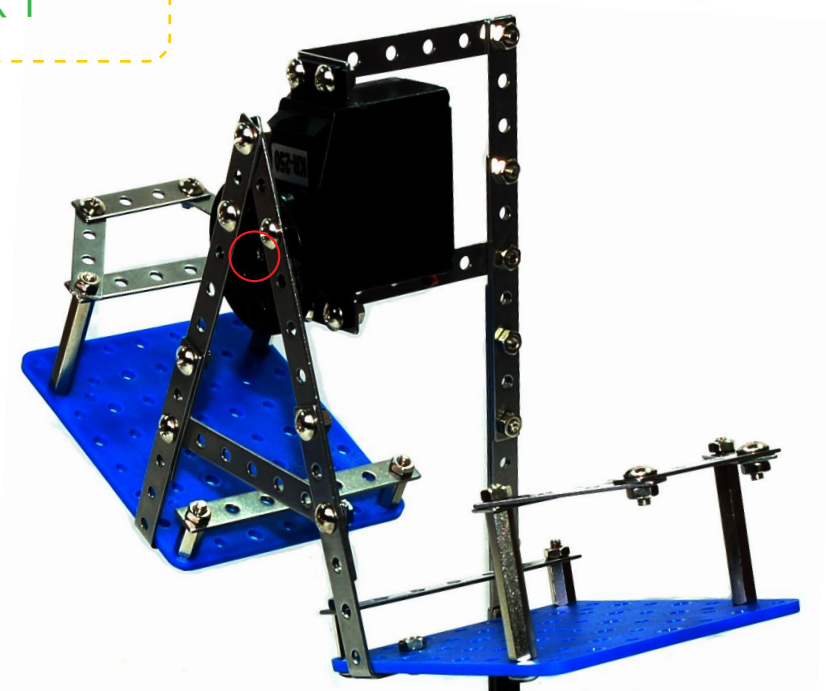
12



13



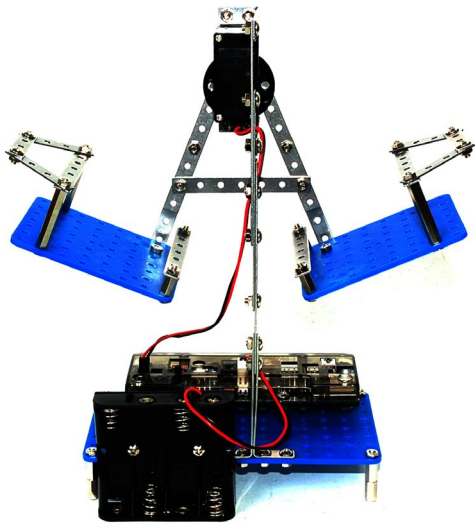
14



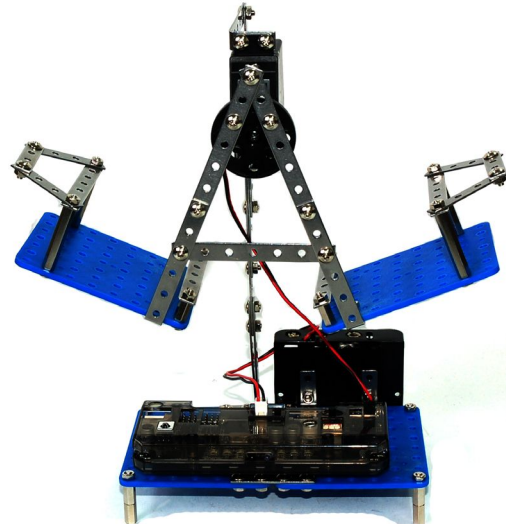
completion



Front view



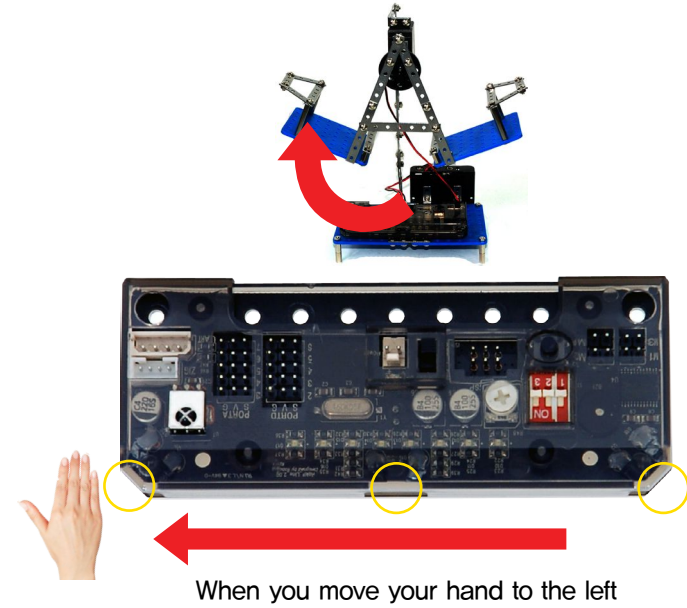
Back view



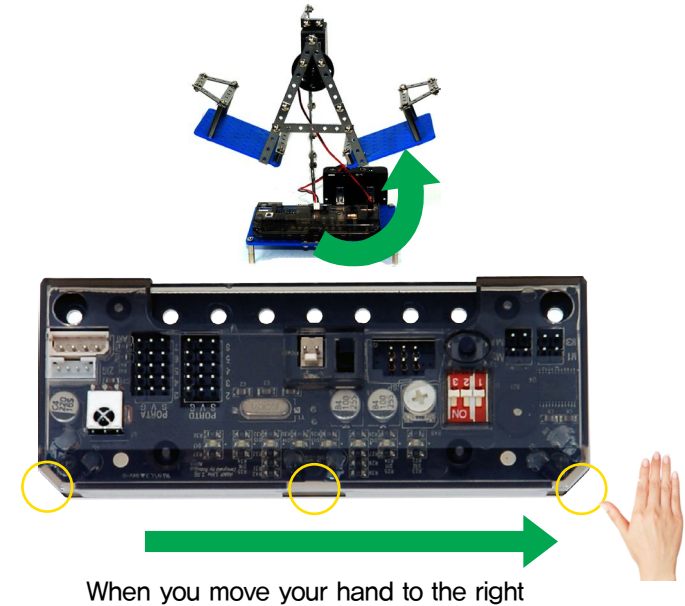
Acting Module



Viking Ship Robot uses program mode 7 to operate.



When you move your hand to the left



When you move your hand to the right

As you move your hand faster, the viking ship will move faster too.

Play the Game!

– Viking Ship Robot Game



1. There is no minimum or maximum number of players required.
2. Prepare some objects to put on the Viking Ship Robot.
3. Place those objects on the Viking Ship Robot, and move the robot by allowing the sensors to detect your hand.
4. If the Viking Ship Robot moves 100 times, then a melody will be played.
The player who makes the melody play in the shortest amount of time with objects on the viking will win.

