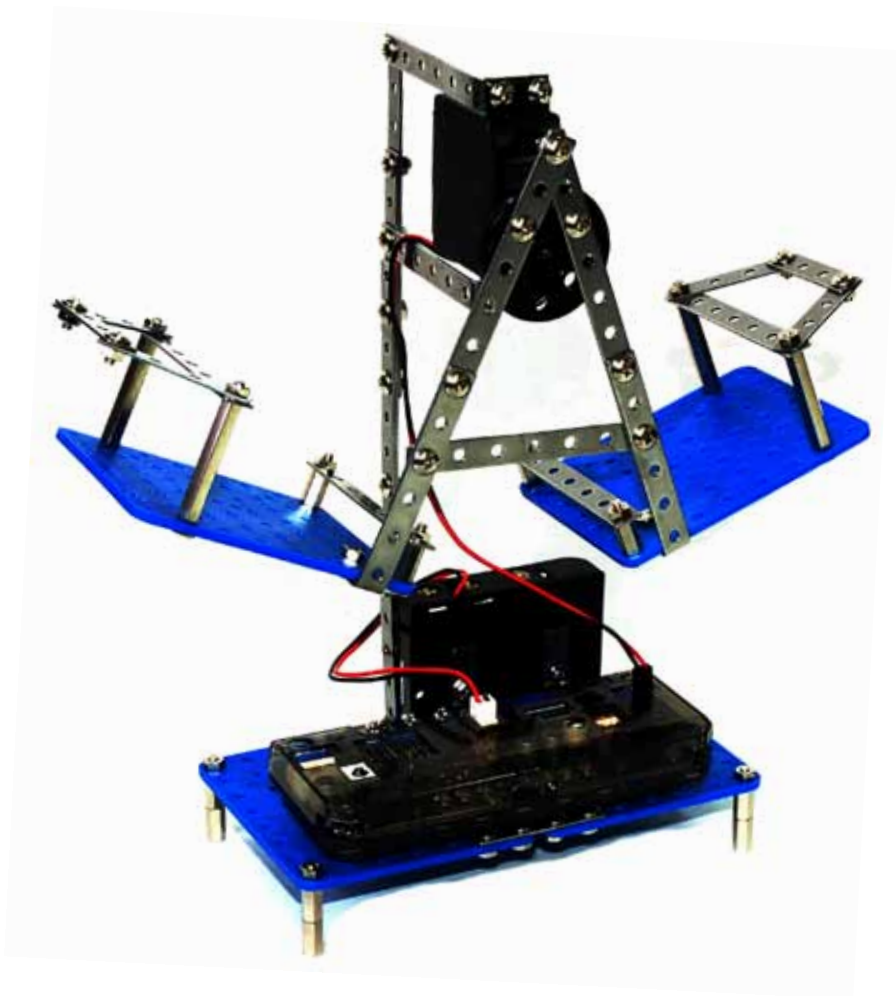


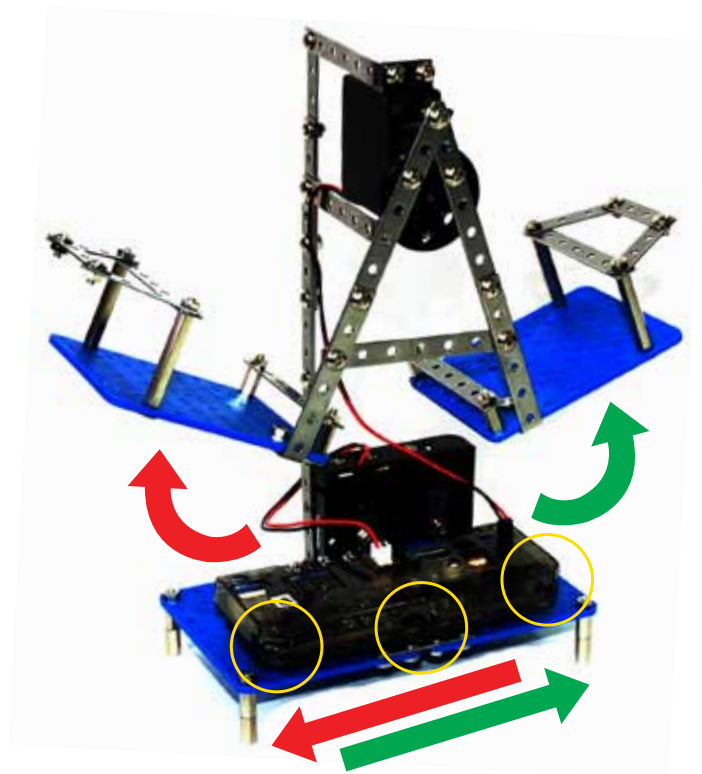
## 7. Viking Ship Robot



# 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



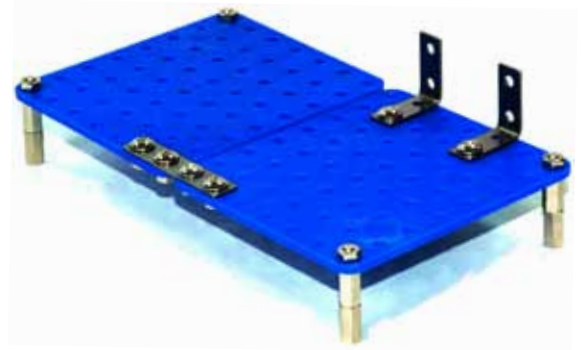
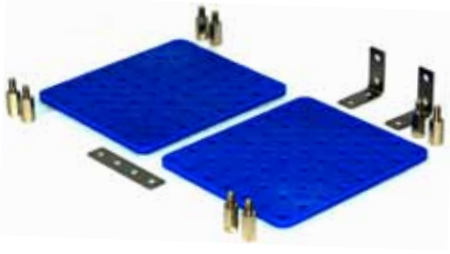
X 2



X 2



4



X 6

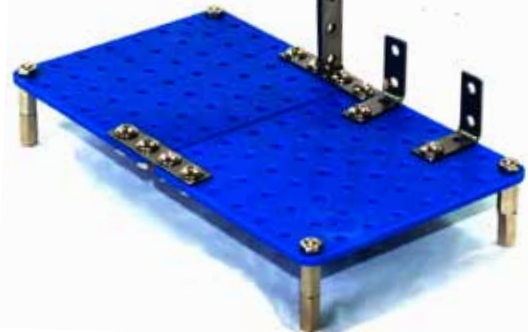
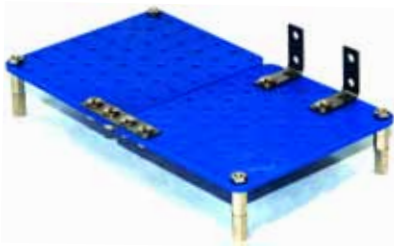


X 10

5



+



X 4

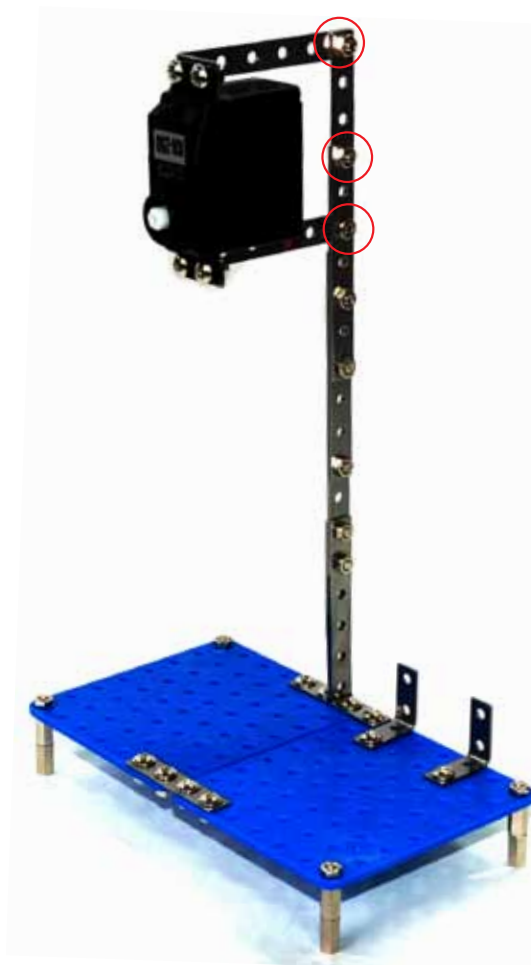


X 4

6



7





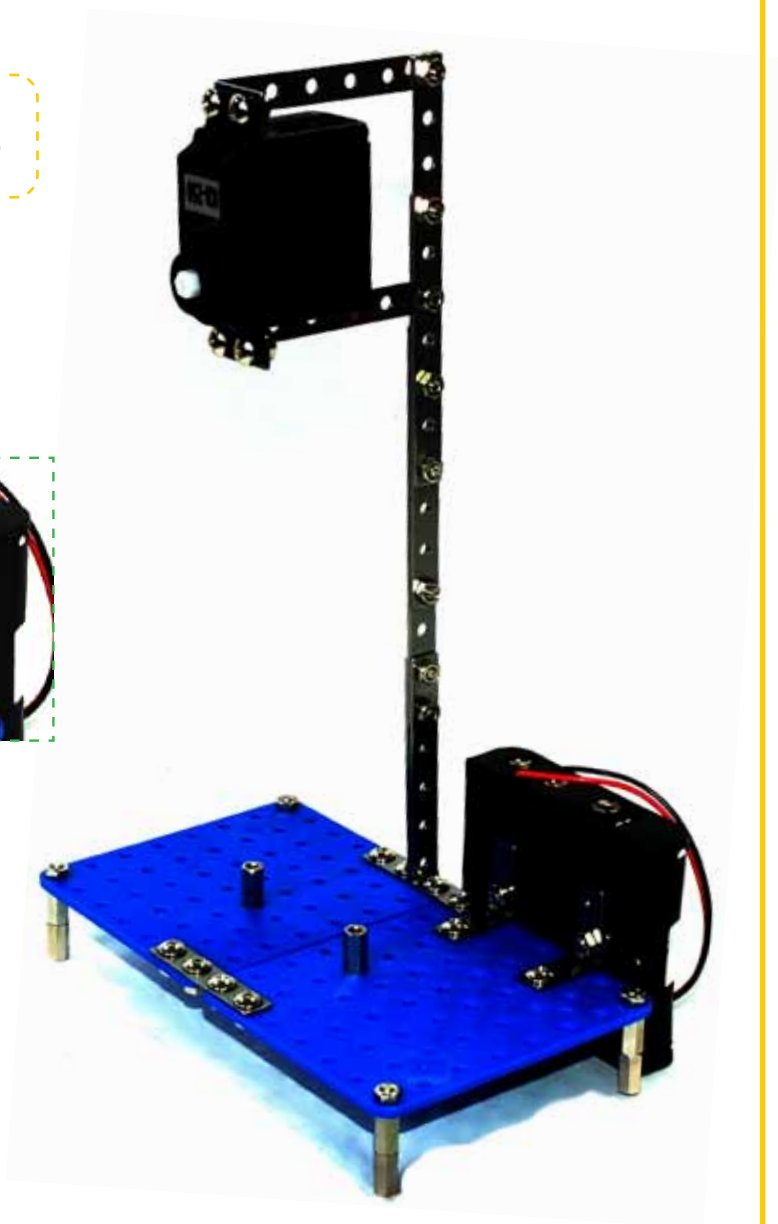
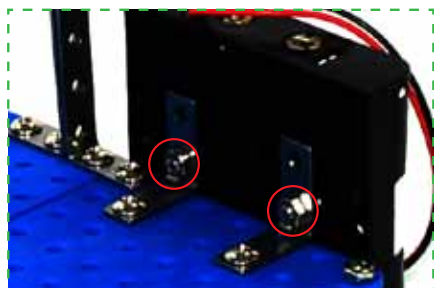
+



X 2



X 4



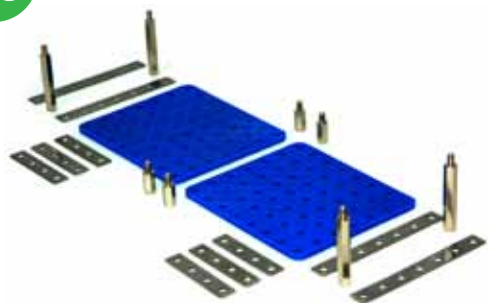
9



X 2



10



X 12



X 12



11



X 3



X 3



12



X 2



X 2

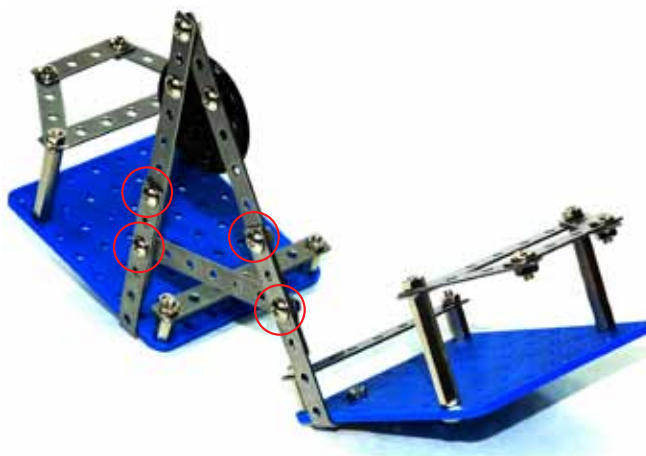
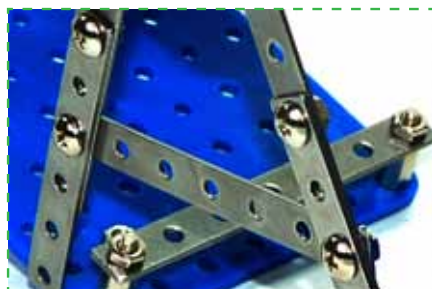




X 4



X 4

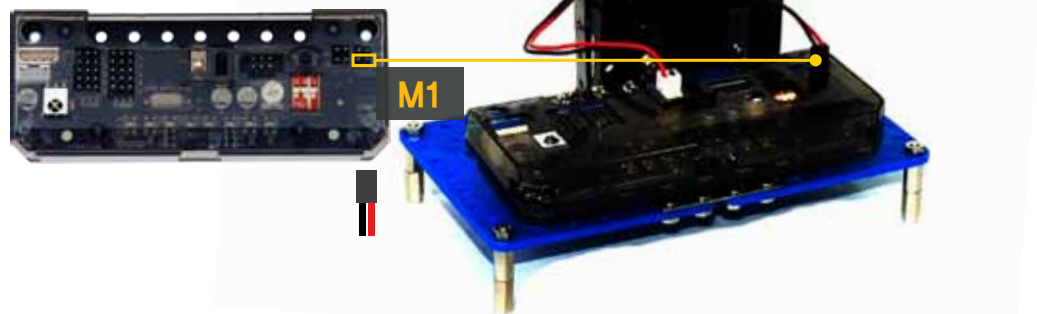




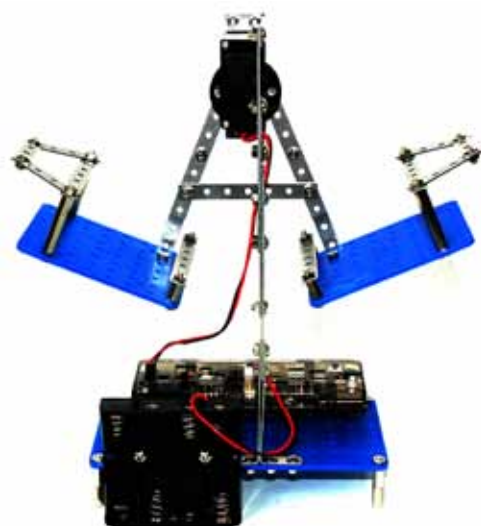
X 1



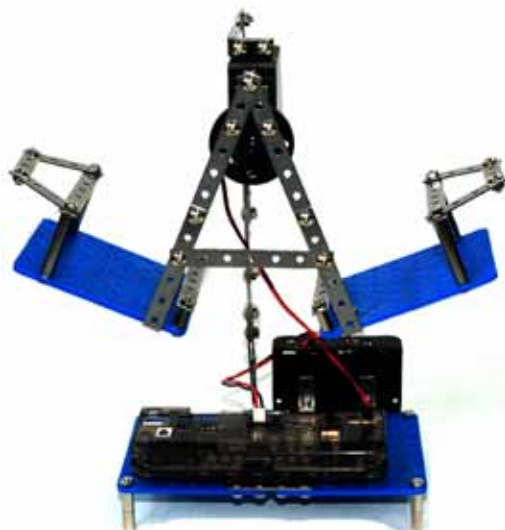
completion



Front view



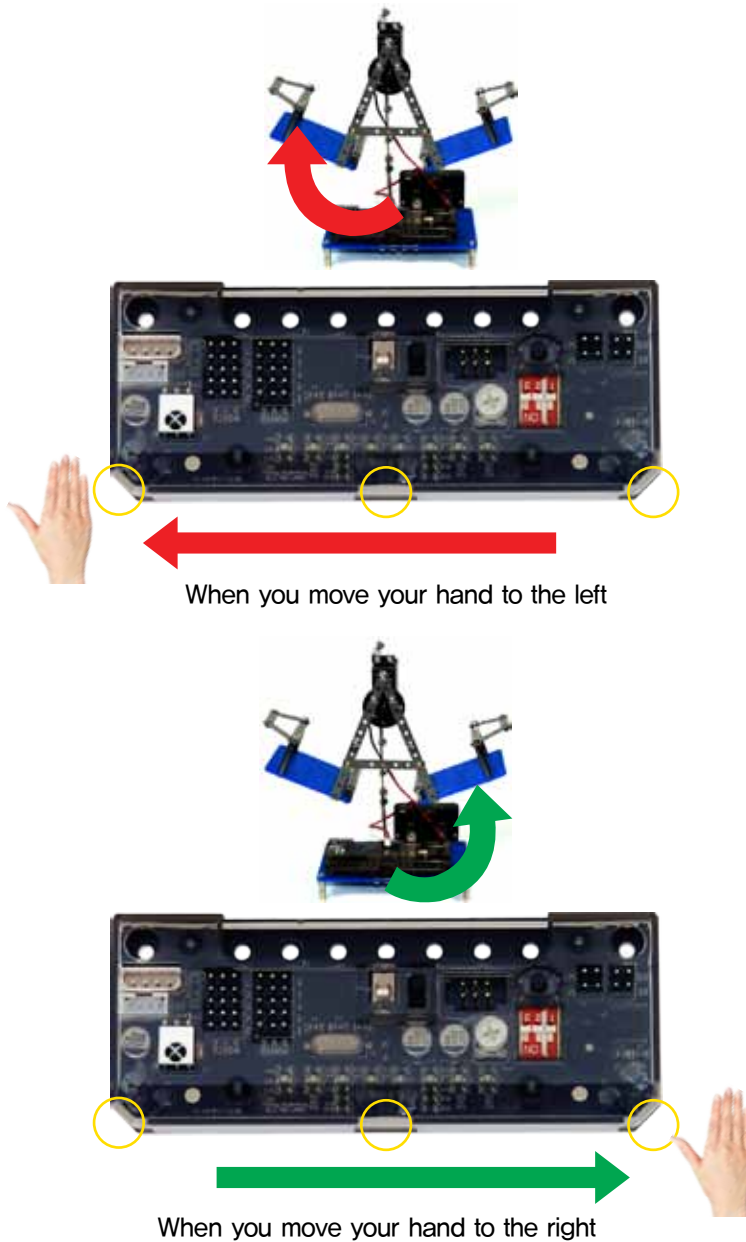
Back view



## Acting Module



Viking Ship Robot uses program mode 7 to operate.



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