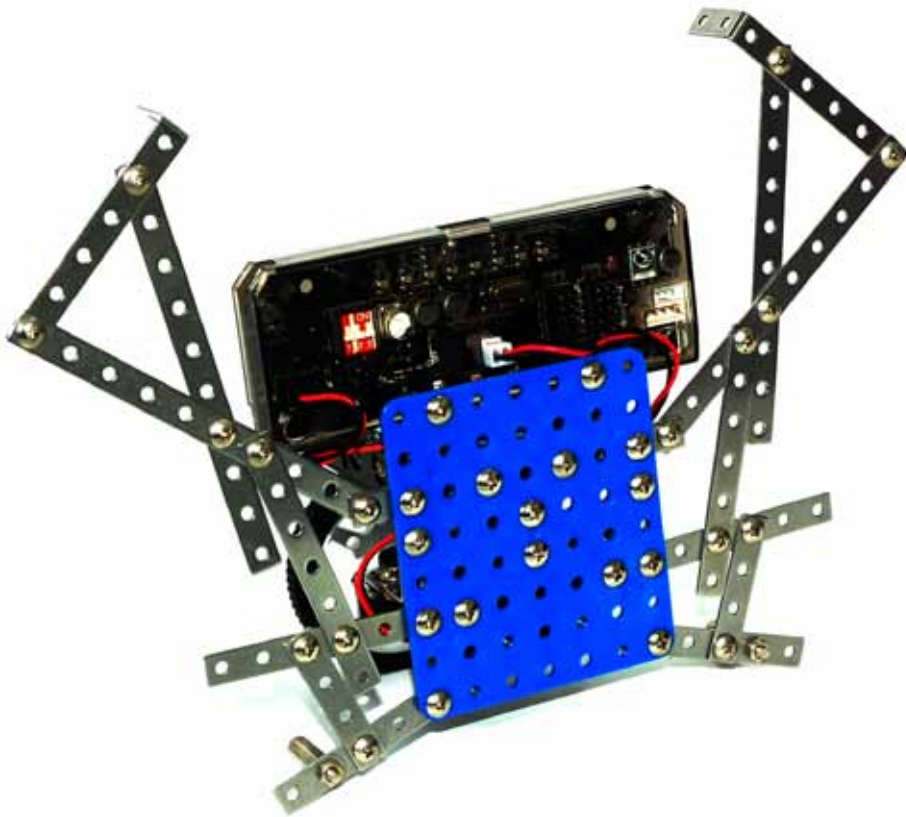


3. 꽃게 로봇 (Crab Robot)

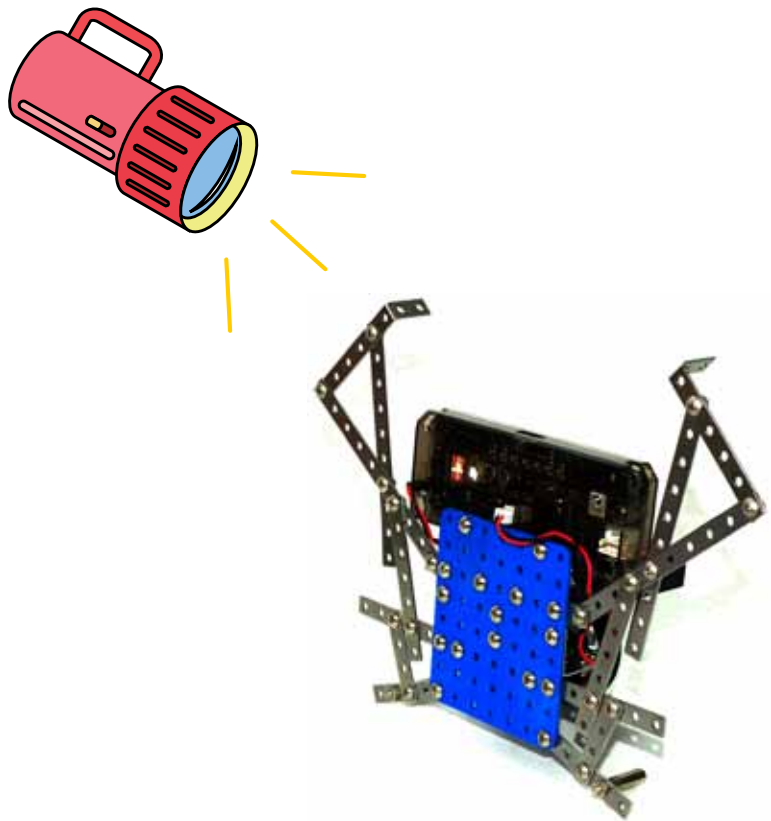


소개 및 동작원리

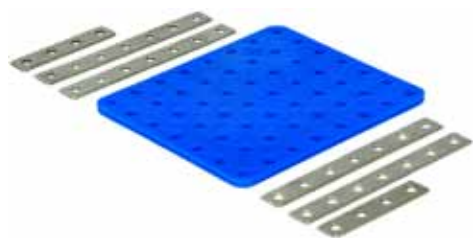
– Introduction & working principle



로봇에게 손전등으로 빛을 비추면 마치 빛을 싫어하는 동물처럼 빛을 피해서 도망가는 로봇입니다. 빛에는 사람의 눈에 보이는 가시광선 뿐 아니라 적외선 센서로 감지될 수 있는 적외선도 함께 포함되어 있어서 꽃게 로봇의 머리 위에 달린 3개의 적외선 센서가 빛의 밝기를 감지할 수 있습니다. 빛의 밝기가 일정 기준이상으로 밝아지면 로봇이 동작합니다.



1



X 10



X 10

2



X 4



X 4

3



X 3



X 3

4



X 4



X 4

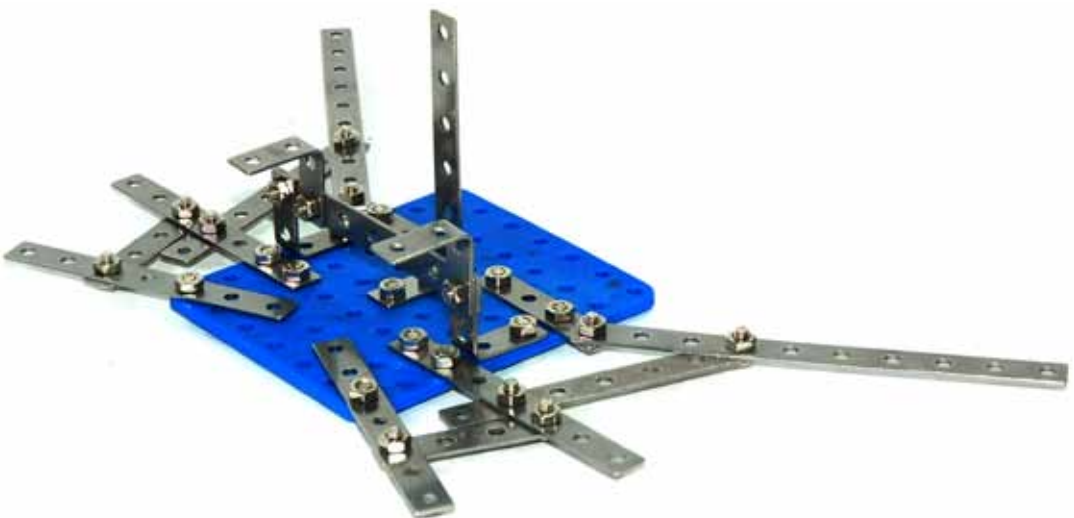
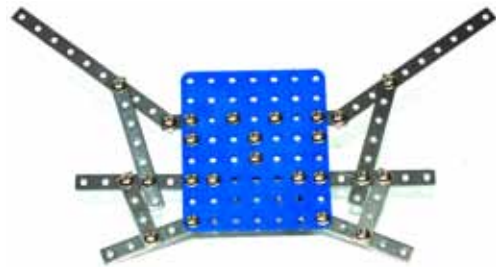
5



X 6



X 6

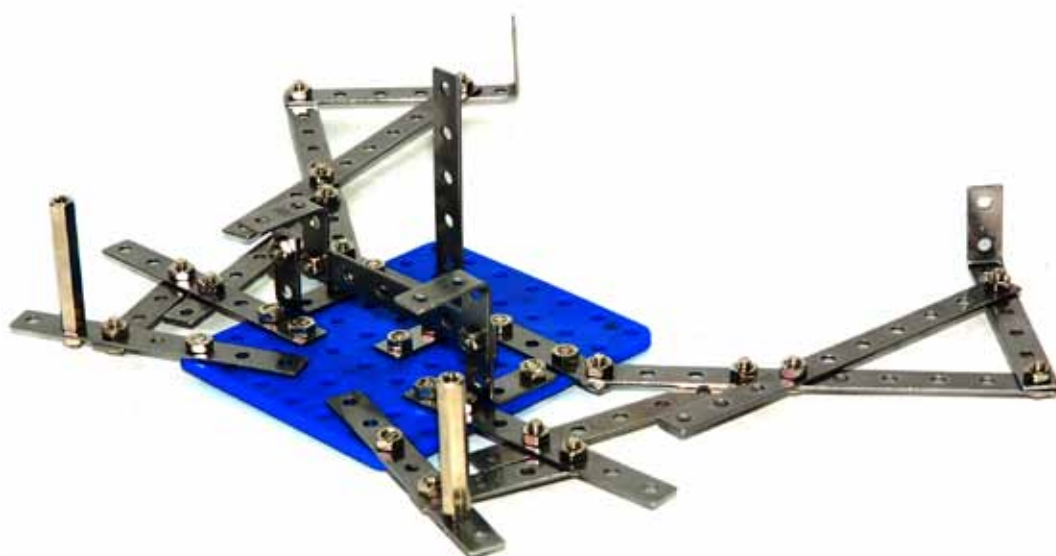
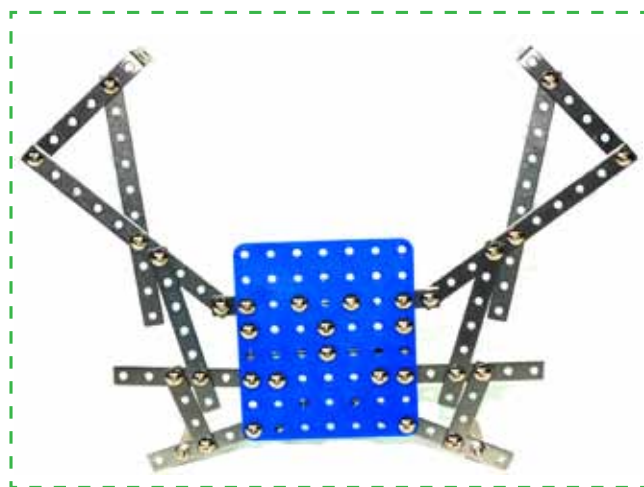




X 6



X 8



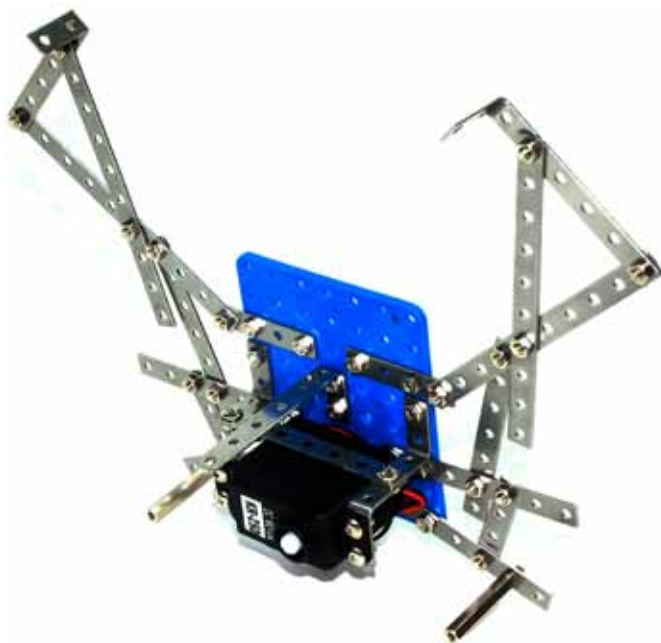
7



X 4



X 4



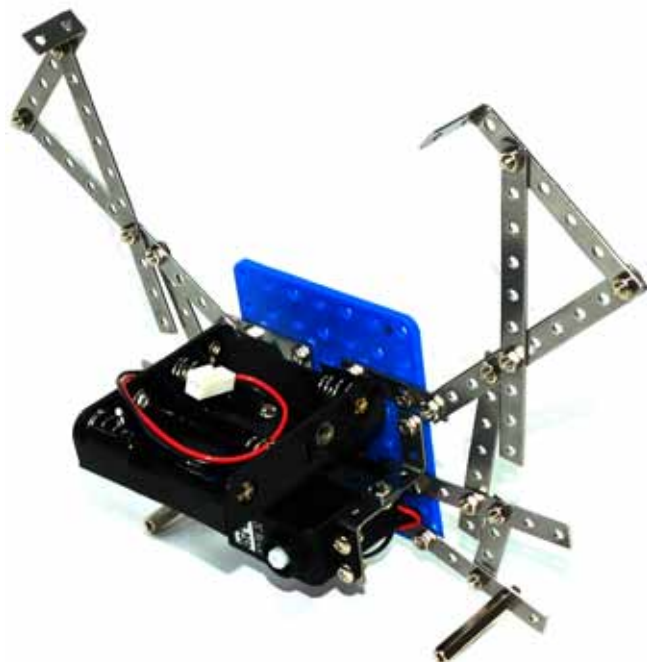
8



X 2



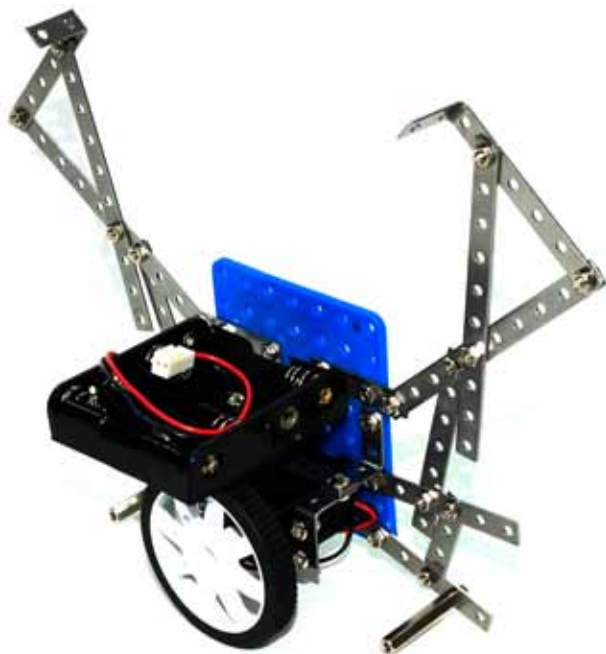
X 2



9



X 1



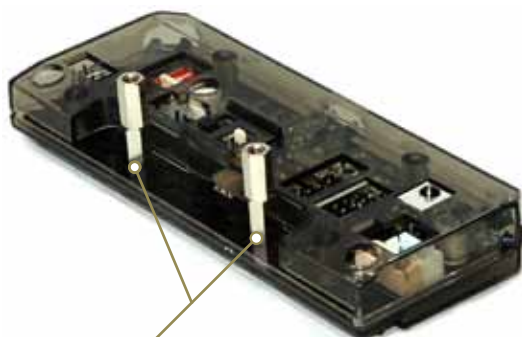
10

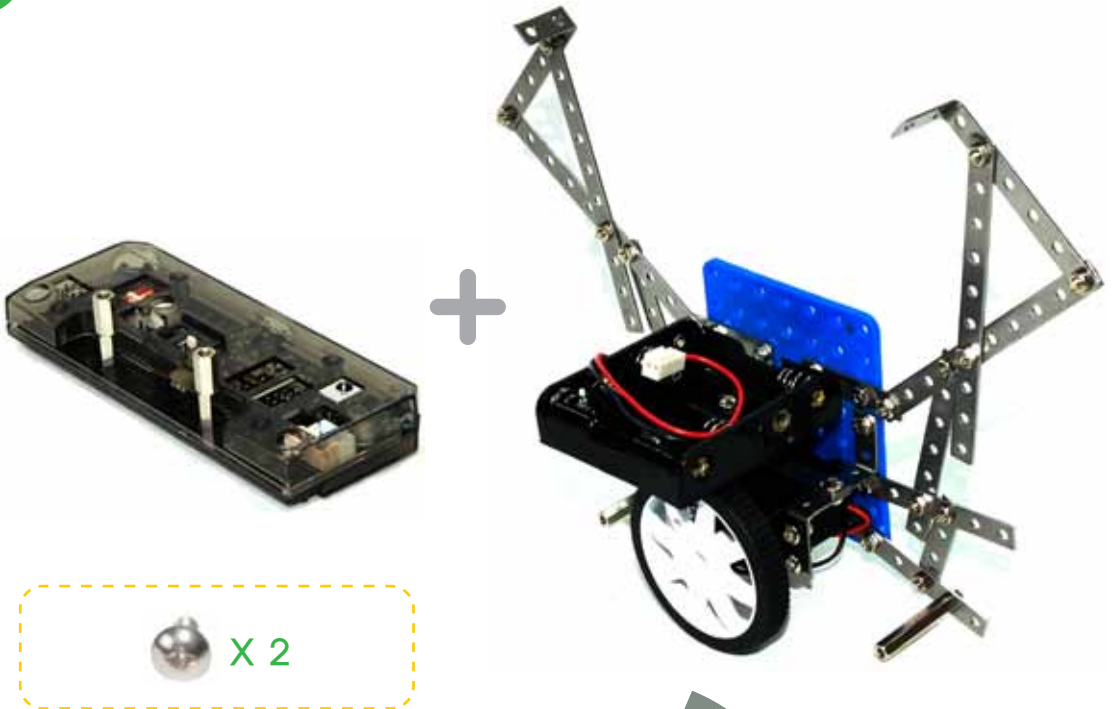


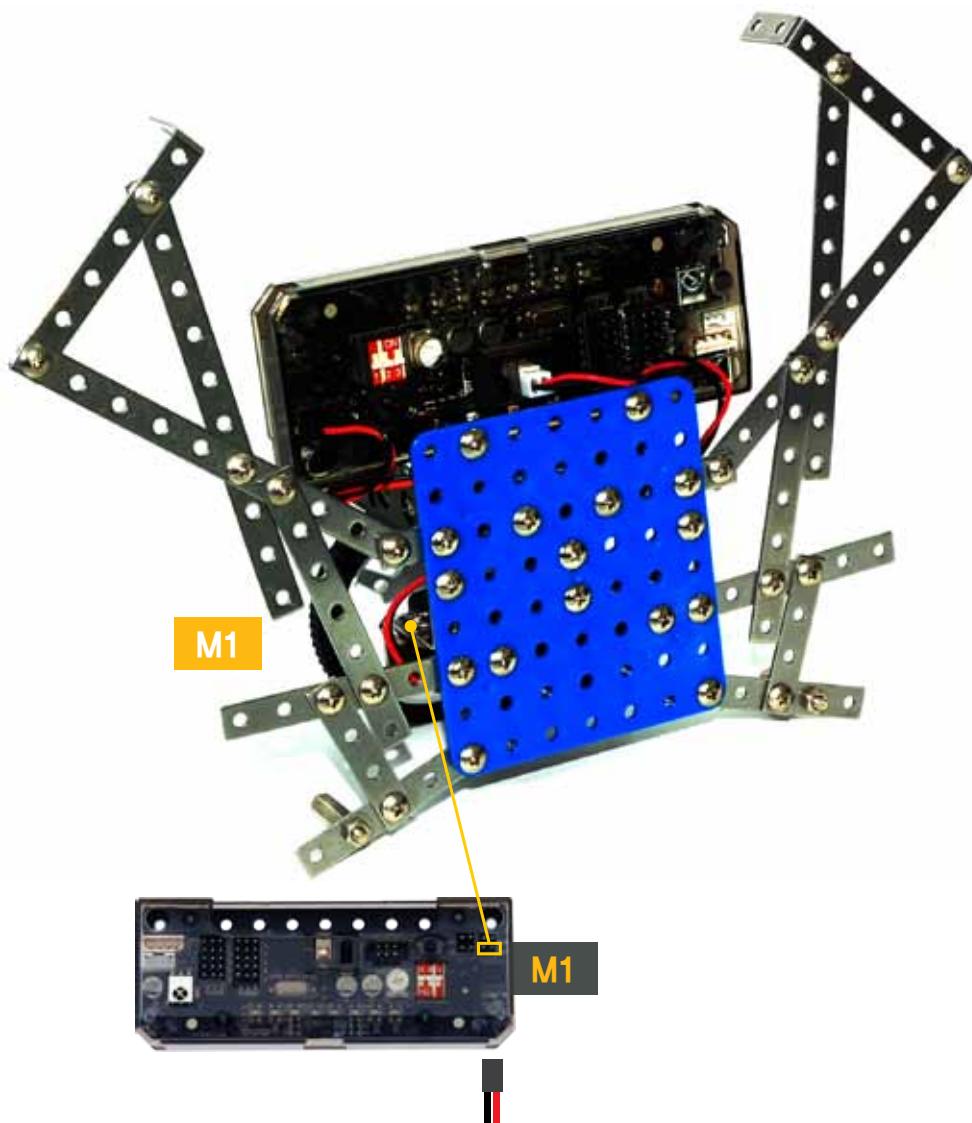
11



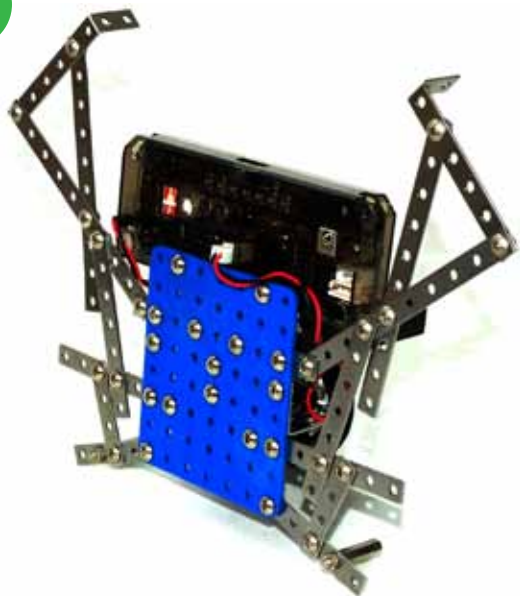
X 2



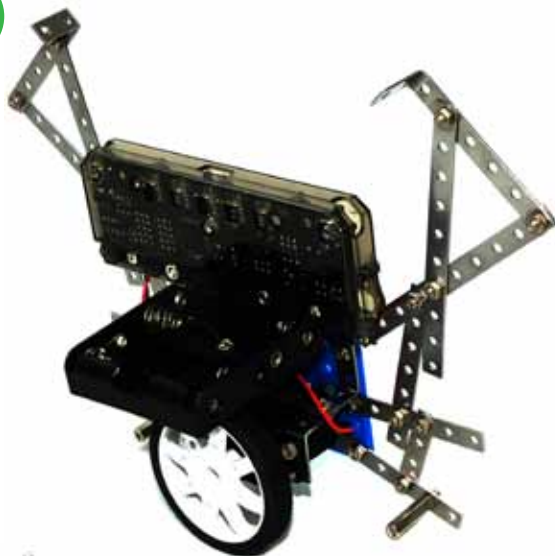




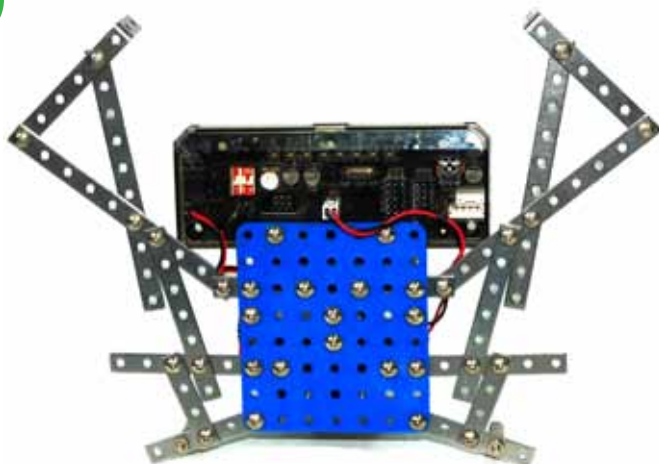
앞



뒤



정면



구동하기



꽃게 로봇은 프로그램 모드 3번을 선택하여 구동합니다.

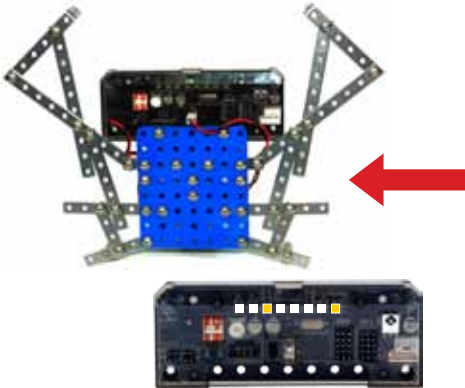


< 빛 없음 >

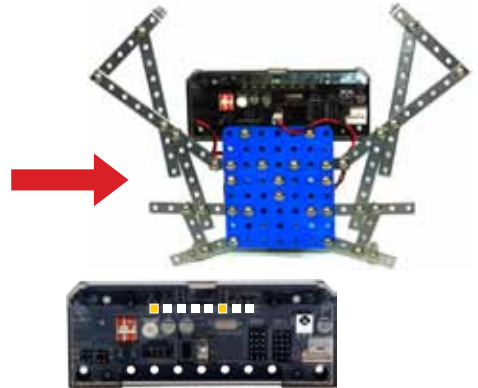
빛이 없을 땐 움직이지 않습니다.
메인보드의 센서에 빛을 비추면
로봇이 빛을 피해 도망갑니다.

손전등을 사용하여 로봇을 움직여 봅시다.

< 빛 감지 (왼쪽) >



< 빛 감지 (오른쪽) >



< 빛 감지 (중앙) >

