

piRover Builds with K2

piRover Wiring

Rev 1.0

Resources:

Yahboom Instruction Manual

- [Page 2](#)

Yahboom Videos

- [Build/Install 3](#)

K2 Videos

- [piRover - Wiring](#)

Task:

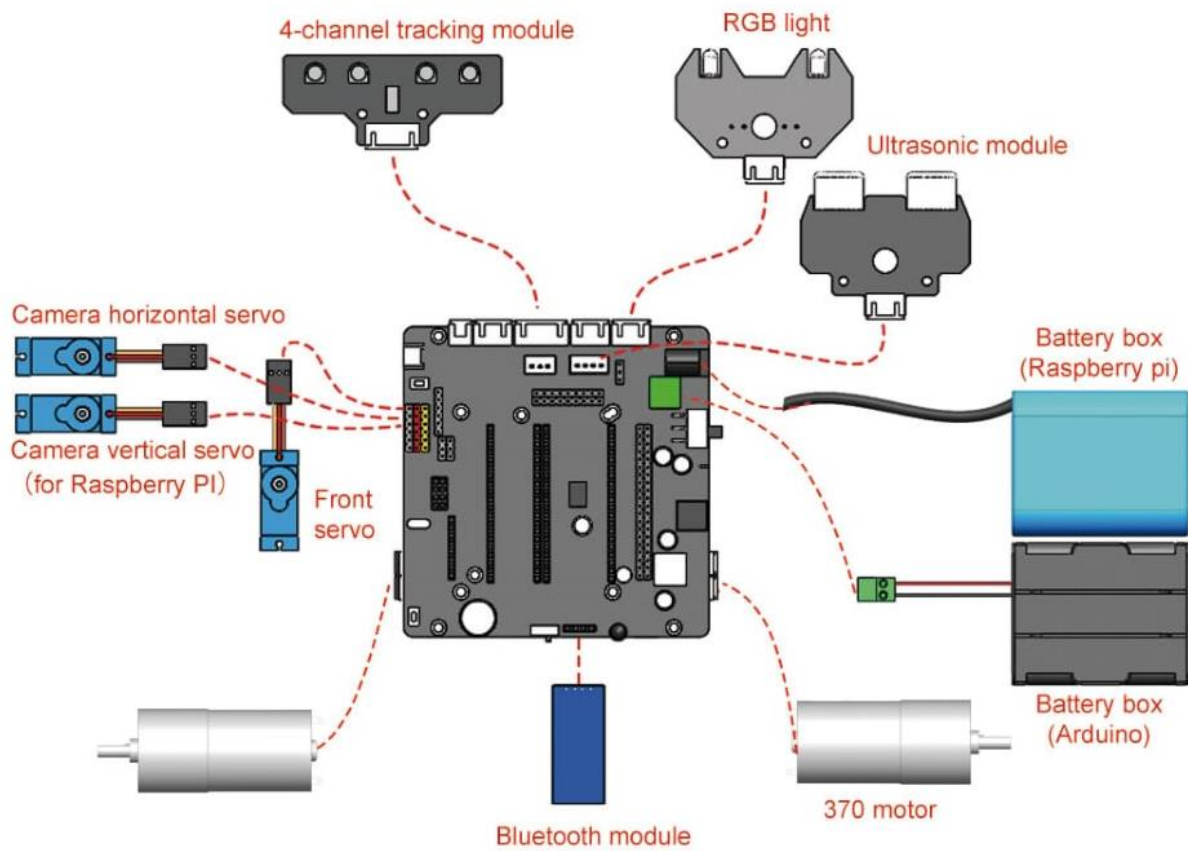
With the chassis built and the Raspberry PI and expansion board installed, you are ready to complete the construction phase of the piRover course by wiring the sensors, servos, and motors to the expansion board.

Review both Yahboom and K2 resources, locate the required wiring assemblies, and complete the connections as specified. There is no assessment associated with the activity. You will test your installation in the following activities where you download, install, and run operating software.

1. Review the “Introductions for expansion board connection” section in panel 11 of the Yahboom instruction manual. This is also provided for you on page 2 of this document.
2. View the K2 [piRover - Wiring](#) video
3. Complete the connections as specified. Refer to the K2 video for specifics of servo cable connections.
4. Again, there is no assessment associated with this activity. You will test your build in future activities and modify wiring as required.

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Introductions for expansion board connection



Note: The connection mode of 370 motor is : Red mark is connected with black line of motor;
no mark is connected with red link of motor.