

Robot Brain

Gamepad, Driver Hub, and Control Hub

REV Robotics EDU Kit V2

Gamepad

- Hard wired to Driver Hub USB 2.0.
- Controlled by the Driver
- There can be two Drivers (one Gamepad for each).



Driver Hub

- Not attached to robot.
- Sends commands from the Gamepad to Driver Hub
- Communicates with Control Hub via WiFi (paired).
- Displays messages from Control Hub.



Driver Hub Battery

- Inside Driver Hub
- Charged via USB/AC outlet plug (or laptop) connected to a USB 2.0 port.



WiFi Communication between Driver Hub and Control Hub

Robot

Control Hub

- Attached to robot.
- Communicates with Driver Hub via WiFi (paired).

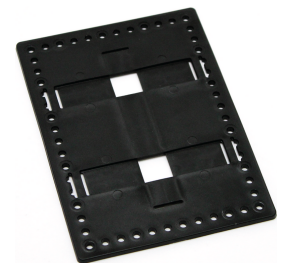
12 V Slim Battery

- Attached to robot.
- Connected to Control Hub.



Battery Holder Plate

- Attached to robot.



Battery Charger

- Charges the 12 V Slim Battery.
- Remove the battery from the Control Hub before charging the battery.

