

## OVERVIEW

The Apollo Control System was created by Higher Order Innovation specifically with education and competition in mind. The Apollo is the result of feedback and observations over the course of several years working with middle and high school robotics teams. This is an Arduino based control system that is more complete and more functional than any other system. Arduino is an open-source electronics platform based on easy-to-use hardware and software. Insight and inspiration for Arduino technology can be seen in the thousands of forums, tutorials, and resources provided by the vast number of people using Arduino worldwide.

### EACH CONTROL SYSTEM KIT CONTAINS:

- Apollo Control System unit
  - Programmed with Arduino
  - Fully reprogrammable
  - 256Kb of program memory
  - 3-pin keyed connector interface
  - Protective case
- USB programming cable
- USB Bluetooth wireless receiver
- Sony PlayStation 3 remote controller
- Default program to get started



### GREAT FOR:

- Classroom based instruction on topics from basic programming concepts to full robotic control
- Projects that need a remote control
- Controlling your competition robot

### FEATURES:

- Ready to use out of the box with preloaded default code
- Built in three pin interface for 12 motors and 20 sensors
- PS3 controller support
- Fully reprogrammable

Higher Order Innovation has done all the work to put together this high quality, functionally rich control system. We strive to constantly improve the experience of those working with our kits. The Apollo Control System represents the culmination of several years of development and is the smallest and most functional control system to date.

