



## Description

- Combo kit for RC using a PS2 controller and BotBoarduino
- Heavy duty aluminum structural components
- Classic 4WD differential drive system
- Precision laser-cut lexan panels

The Lynxmotion Aluminum A4WD1 PS2 Rover Kit is a robust, modifiable and expandable chassis for your RC or autonomous robot experimentation. By utilizing popular RC truck tires and wheels the robot has excellent traction. Using this small NiMH battery packs and the Sabertooth 2x10 R/C motor controller means there is plenty of room inside for additional electronics. However, if you run out of room inside, an additional decks that can be added to the top for future expansion. The decks can stack on top of each other, so you can add as many as your project requires.



### The Mechanics

The robot chassis is made from heavy-duty anodized aluminum structural brackets and ultra-tough laser-cut Lexan panels. It includes four 12.0vdc 30:1 gear head motors and our 4.75" tires and wheels.

### Controlling the Robot

This version of the robot uses the BotBoarduino and a PS2 wireless game controller for control of the vehicle, optional arm, optional pan and tilt and more.

### Powering Options

The Compatible batteries and chargers.

- 6.0 - 12vdc Ni-CD & Ni-MH Universal Smart Charger

Batteries

- 12.0 Volt Ni-MH 1600mAh Battery Pack



## What's Included

- Aluminum 4WD1 Robot Kit
- Sabertooth 2X10 R/C Regenerative Dual Channel Motor Controller
- BotBoarduino
- USB Standard to Mini Cable
- PS2 v2 Robot Controller
- Wiring Harness - Battery
- 4 x 12vdc 30:1 200rpm (6mm shaft)

## Useful Links

Website

- [Lynxmotion User and Assembly Guides](#)