



2-Wheel Drive Smart Robot Car Kit

This is a chassis for a 3 wheeled robot car. Well designed robot car chassis kit suitable for Arduino/Raspberry mobile robot development platform. You can build it and program it easily with tons of published free codes. The high-strength body provides flexibility in rapid movement particularly in outdoor grass, gravel, sand or sloped surface. Add a variety of sensors to make the robot perform all different kinds of tasks. Can extend with electronics control systems to realize function of tracing, obstacle avoidance, distance testing, and speed testing, wireless remote control. The most economical and newest robot car kit with simple mechanical structure, a nice system and very easy to install.



SKU: [EMH1062](#)

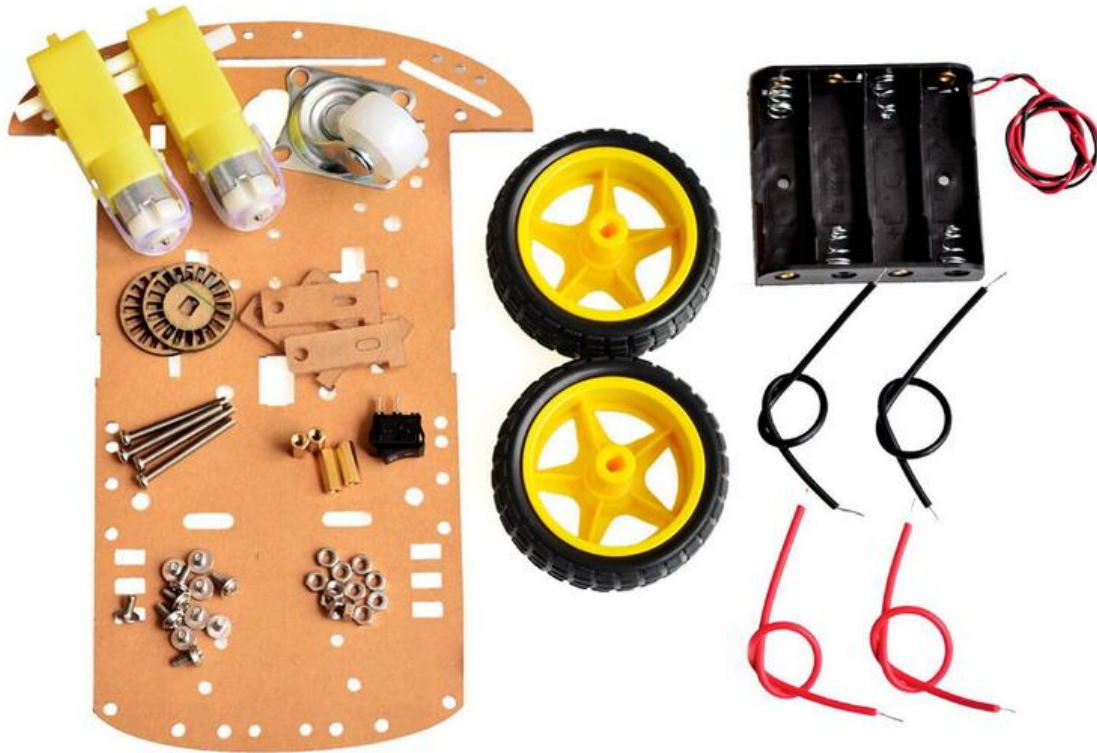
Brief Data:

- DC Geared Motor: 3~6Vdc.
- Motor Speed: 200RPM@6Vdc.
- Motor Gear Ratio: 1:48.
- Wheel Diameter: 66mm.
- Wheel Width: 26mm.
- Tachometer Speed Encoder.
- Size: approx. 20 x 14cm(L x W).
- Weigh: ~280g.

Note: The car Chassis is transparent; you need to tear off protective paper.

Package Included:

- 1x Smart car Acrylic transparent chassis.
- 2x EMC testing geared motors.
- 2x Rubber Wheel.
- 2x Speed encoder disc.
- 1x Caster wheel.
- 1x Four battery holder (batteries not included).
- 4x M3x30 Long screw.
- 4x M3x8 brass standoff spacer.
- 10x M3x8 Philips Screws.
- 10x M3 Hex Nut.
- 4x Motor fastener T-plate.
- 1x On/Off switch.
- 1x Installation manual.



Web Resources:

- <http://arduino-info.wikispaces.com/Robotics+Curriculum+Ideas+and+Resources>
- <http://www.instructables.com/id/2WD-VEHICLE-AND-PROTOTYPING-PCB/>
- <https://randomnerdtutorials.com/build-robot-car-chassis-kit-arduino/>



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