

SEEED-110990407

RAPIRO - DIY Model Robot Kit



PRODUCT DETAILS

Rapiro is a DIY model robot kit for hobby and education in software engineering and robotics area. A cute, affordable, easy-to-assembled humanoid robot kit comes with 12 servos and servo control board (Arduino compatible). It's designed for [Raspberry Pi](#) and its [camera module](#). Looks small, acts large, all its limitless possibilities depend on how you program it. Rapiro is manufactured by [Switch Science](#).

Easy to assemble!

Rapiro is very easy to assemble! All you need to build Rapiro is two screwdrivers, and to follow the simple step-by-step instructions. Rapiro comes with a pre-programmed Rapiro board which works right after assembling.

Programmable!

The Rapiro board is Arduino compatible and you can program it using the Arduino IDE. Your Rapiro could dance or sweep your desk if you program it to do so. Rapiro

has countless possibilities for expansion! By mounting a Raspberry Pi and sensors (sold separately), you can customize your Rapiro anyway you want.

Part List

- Body parts (30 pieces)
- Servo motors (12 pieces)
- Screws (50 pieces)
- Cables (2 pieces)
- Pre-programmed RAPIRO board (2 pieces)

*Raspberry Pi, sensors, battery and AC adaptor are not included.

Specification

- Size 250mm X 200mm X 155mm(when assembled)
- Weight 1kg (when assembled)
- PC Interface : USB
- Tools required for assembly Screwdrivers (#0, #1)
- Recommended Ages Kids (and big kids) aged 15 and upwards

Power

- Five AA Ni-MH batteries(Works for 45 -90 minutes)
- AC adaptor (6V-12V, 4A and over, Plug: Outer diameter 5.5mm, Inner diameter 2.1mm, Center-positive, Barrel-negative)

About an AC adaptor:

- Input: 6-12V, 4A
- Please find an AC adaptor which can supply it.
- However, even if the rated value satisfies the conditions, sometimes it does not work by the electric property or quality.