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# Our Overview of Makeblock mBot

By **Patrick** Updated **14 March 2018**

Looking for the best way to get into robotics? Checkout **Makeblock's mBot**. This all in one robot is the perfect introduction to basic robotics, with its simple yet robust design, mBot is built with education in mind. The **mBot** kits modular design encourages hands-on and practical learning bringing creativity to education. mBot is the perfect entry-level kit to start the adventure of robotics, and it includes implementing key sensor modules that are easy to use and will advance your robotic skills.

If you haven't heard of Makeblock, check out **this article**.

a quick look at the Makeblock mBot

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# mBot

One Robot Per Child



Feedback

a quick look at the Makeblock mBot  
mBot and its features!

mBot comes in two flavours, one **Bluetooth** connected, and one with a **2.4GHz transmitter** and receiver module. The Bluetooth module is designed for the individual user, allowing you program the mBot through the mBlock app (download [here](#)) on your tablet or computer, you can also control the mBot with your Bluetooth connected device. The 2.4GHz design of the mBot is most suitable for the classroom, supporting quick connect for your mBot to a computer wirelessly with no need to configure WIFI settings so getting started as easy as possible, and just like the Bluetooth version you can both program and control your mBot wirelessly from your computer.

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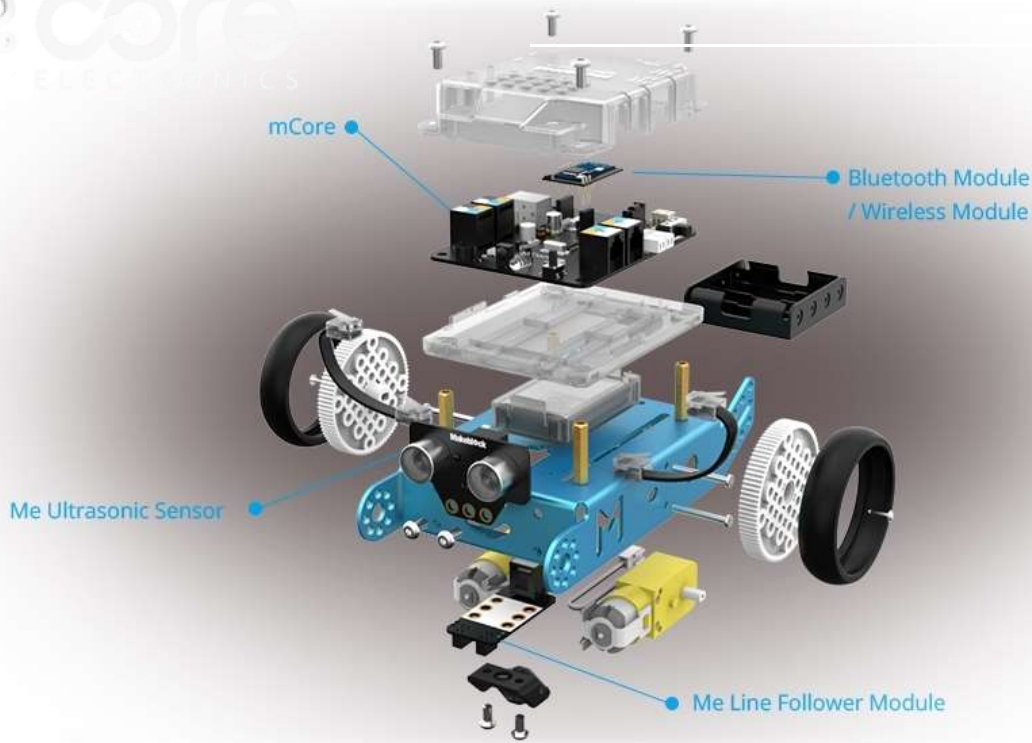
Out of the box, n5o includes short distances, and a dual li



## Whats in the box (Above)?

- Feedback

<https://core-electronics.com.au/guides/mbot-overview/>



an exploded view showing all its awesome features!

### How easy is using the mBot?

Logic and coding of robotics is often the biggest learning curve for the whole experience and is never made easy by the complicated syntax of programming languages like C++ or assembly code. **Makeblock** brings us a solution in the form of a SCRATCH based development environment called mBlock. With the mBlock graphical programming platform, you will intuitively gain an understanding of the logical flow of programs nursing you into in-depth programming languages that are necessary for more complicated projects. The mBlock IDE is also available on Google Play and the Apple App store for programming over Bluetooth.

### Final thoughts?

Whether you're looking to learn the basics of robotics yourself, you're looking for an interactive tool for your child to learn with or introducing your class to robotics, the Makeblock mBot is a great starting tool for anyone wanting to learn about robotics systems. for more information on **Makeblock**, and many project ideas take a look at our **tutorials page**, or chat with us on our **forum**.

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