



MeArm Robot micro:bit Kit - Orange

Enter the world of Robotics Engineering with the MeArm robot arm kit for micro:bit in orange. An easy build kit for ages 11 & up, supplied with all parts/tools.

Code 4506

The MeArm microbit orange version is an easy-to-build robot arm kit that's designed to get children (and adults!) learning about technology, engineering and programming. It's been expressly designed to be easy to build (age 11+) and use.

At its heart is the BBC microbit (sold separately), a low cost computer that has been developed to make learning about computing accessible and fun. It can be controlled directly through the on-board joysticks, or you can learn to code by making it move using one of the programming languages supported by the BBC microbit.

The big benefit of being integrated with the [microbit](#) is the availability of coding editors to suit every coding ability level. You can use [MakeCode Blocks & Javascript](#) editors, or the [MicroPython](#) or [MU](#) editors to code the MeArm. A lot of effort has gone into making it simple to start programming your MeArm as soon as you've got it built.

The MeArm microbit version has been designed from the ground up to be easy to assemble. Children can build it themselves and we suspect adults may be able to build it unaided too. The only tool you'll need to build it is a hex key, and one is included in the box!

Note:

This kit does **not** include a micro:bit. The micro:bit is available separately; [buy microbit](#).

- This kit requires assembly.

Features:

- Easy to build kit suitable for children aged 11 and above.
- Code it with the Microsoft [MakeCode Blocks & Javascript](#) editor.
- You can also code in [MicroPython](#).
- It comes with a Hex key, the only tool required for the build.
- This kit also comes in an blue colour.
- It's a lot of fun.

Contents:

- 1 x Pack of orange plastic parts for the structure of the arm.
- 1 x Socket head screws for easy assembling.
- 1 x Hex key so you dont need your own tools.
- 4 x Metal gear servos.
- 1 x Battery box.
- 1 x PCB for the microbit with on-board Joysticks (Already Assembled).

Requires:

- A BBC micro:bit.
- 4 x AAA Batteries.
- A Micro USB Cable.

