

PhantomX Hexapod Getting Started Guide

This guide will help you get up and running with your PhantomX Hexapod. By the end of this guide, you will have configured your robot electronics, assembled your robot and tested your robot. You will then be able to proceed to our demo code guides.

Setting Up Your ArbotiX & Arduino Software

ARBOTIX GETTING STARTED GUIDE

InterbotiX Kits are designed to work with the ArbotiX-M Robocontroller, an Arduino compatible microcontroller designed to work with DYNAMIXEL servos. [This guide](#) will show you how to setup and program the ArbotiX-M Robocontroller.

Setting Your DYNAMIXEL IDs

DYNAMANAGER SOFTWARE GUIDE

Every DYNAMIXEL servo comes set to a default ID of '1'. However, for your robot to work, you will need to set the servos to the correct ID numbers. [This guide](#) will help you use the DYNAmanger software and the ArbotiX-M robocontroller to set the IDs for each servo.

Each servo must be IDed one-at-a-time, so it is easiest to set the servo IDs before you assemble your robot. If you have multiple servos with the same ID connected to each other, you will not be able to ID the servos.



[PhantomX Hexapod Product F](#)

Using LiPo Batteries

WORKING WITH LIPO BATTERIES

Your robot kit includes a Lithium Polymer (LiPo) batteries to power your robot. LiPo batteries need more care and attention than other rechargeable batteries. Please follow [this guide](#) properly use, recharge and store your batteries.

Building Your Robot

ASSEMBLY GUIDE

[This guide](#) will show you how to build and wire your robot. This guide includes a list of parts that come with your kit and tips for building your robot.

If you are looking for the assembly guide for the previous version of the hexapod, MK-II, you can find it [here](#).

Testing Your Robot

BUILD CHECK / TEST PROGRAM

[This guide](#) will show you how to load a test program onto your robot as well as a video showing how your robot should move when the program is loaded. This test program and vid that you have assembled your robot correctly.

ArbotiX Commander / Wireless Setup

CONFIGURING XBEE MODULES

SETTING UP THE ARBOTIX COMMANDER

HEXAPOD / ARBOTIX COMMANDER DEMO GUIDE

Your robot kit comes with a [ArbotiX Commander](#) that can control the crawler via the included [XBee modules](#). You will need to follow the instructions in the guides: [Configuring XBee](#) [Setting up the ArbotiX Commander](#). Once you've completed setup for these devices, you can proceed to the [Quadruped / Arbotix Commander Demo Guide](#).

Demo Code Guides

DEMO CODE

Now that you've finished setting up your robot, you can proceed to trying our [demo code](#). We recommend that users start with the [Hexapod / Arbotix Commander Demo Guide](#).

Projects

PHANTOMX HEXAPOD PROJECTS

Once you have gotten comfortable with the demo code for your robot, check out some of the projects for your robot.

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