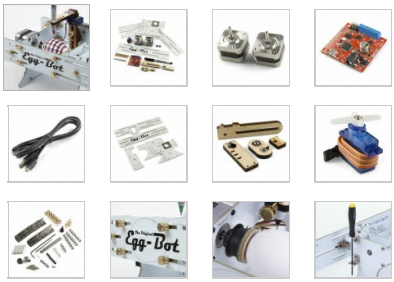

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Previous Versions

EggBot Deluxe Kit

WIG-11564 ROHS

DESCRIPTION INCLUDES DOCUMENTS

The EggBot is back and it's been improved! The classic open-source art robot that captured our hearts (by drawing on spherical or egg-shaped objects up to 4.25 inches in diameter) has been upgraded with some of the most popular kits from the EggBot line-up. As always, the EggBot is still super adjustable and designed to draw on all kinds of things that are normally "impossible" to print on. You can draw on anything like golf balls, light bulbs, mini pumpkins, and even things like wine glasses (with a bit of work).

The new Deluxe Kit comes tricked out with the precision egg coupler, a 5/64" balldriver, a bracket to hang your hex driver on and all brass thumbscrews! The precision egg coupler provides improved grip over the original polyurethane cup design so you can print with more accuracy and all brass thumbscrews keep everything tight and sturdy.

Use EggBot to personalize Christmas ornaments or impress your friends with masterpiece Easter eggs. The EggBot is not just a cool gadget; it's also a great introduction to do-it-yourself robotics. If you're interested in building a 3D printer or CNC mill, this might be a good way to learn the basics! All of the electronics and software are designed to be hackable and re-purposed, so you could easily computer control an Etch-a-Sketch or create something totally new.

The EggBot software allows you to control the 'bot from within Inkscape (a superb free/open source illustration program) on Mac, Windows, or Linux computers. You can draw an image directly, trace a photograph, or import designs from other programs. You can also control the EggBot directly from many other programs that have the ability to send serial commands over a USB port.

Notes: Most of the photos are actually of the standard model, not the deluxe kit. We'll have photos of the Deluxe Kit posted ASAP.

Replaces: WIG-10347

EggBot Deluxe Kit Product Help and Resources

SKILLS NEEDED

Core Skill: **Robotics**

This skill concerns mechanical and robotics knowledge. You may need to know how mechanical parts interact, how motors work, or how to use motor drivers and controllers.

Skill Level: Experienced - Your experiences should include working with stepper motors and feedback system. You may need to understand how encoders and more complex control systems work.
See all skill levels

Core Skill: **DIY**

Whether it's for assembling a kit, hacking an enclosure, or creating your own parts; the DIY skill is all about knowing how to use tools and the techniques associated with them.

Skill Level: Rookie - Basic hand tools are required and instructions will allow more freedom. You may need to make your own decisions on design. If sewing is required, it will be free-form.

See all skill levels

Core Skill: **Programming**

If a board needs code or communicates somehow, you're going to need to know how to program or interface with it. The programming skill is all about communication and code.

Skill Level: Competent - The toolchain for programming is a bit more complex and will examples may not be explicitly provided for you. You will be required to have a fundamental knowledge of programming and be required to provide your own code. You may need to modify existing libraries or code to work with your specific hardware. Sensor and hardware interfaces will be SPI or I2C.
See all skill levels

Core Skill: **Electrical Prototyping**

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.

Skill Level: Competent - You will be required to reference a datasheet or schematic to know how to use a component. Your knowledge of a datasheet will only require basic features like power requirements, pinouts, or communications type. Also, you may need a power supply that?s greater than 12V or more than 1A worth of current.
See all skill levels

COMMENTS 5 | REVIEWS 0

Comments

Looking for answers to technical questions?

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our **Technical Assistance** page.

Log in or register to post comments.

Member #853914 / about 3 years ago / ★ 1

here is the Egg Bot http://www.3dmaxprinter.com/shop/do-it-youself/egg-bot-sphere-bot-mechanics-kit/

NickCS (Chuck Leadfoot) / about 7 years ago / ★ 2

For some reason, the phrase "precision egg coupler" amuses me greatly.

Ocean Controls / about 7 years ago / ★ 2

Will you consider stocking some of the upgrades/spares? I have an old one and the precision egg coupler and diamond engraving tool look useful. I've upgraded mine to use hot wax, video here.

Member #116365 / about 6 years ago / ★ 1

Interesting, how about adding conductive paint to it.

Member #406446 / about 7 years ago / ★ 1

How long is the backorder?