

S4A PROGRAMMING BRICKS

<https://www.gigotoys.com/en/products/1247r/>

#1247R S4A Programming Bricks that Gigo has innovated and is launching targeted teachers and school classes to use as tool for education and learning. Children and parents can also enjoy playing with it at home.

With Gigo's new innovative and genius robotic creation systems, consumers will be using light sensor, IR distance sensor, 360 & 180 degrees servo motors, and an Gigo maker control box as the core part that acts as the brain and direct link to PC from where not only kids but also "makers" can have more flexibilities and extensions on hardware applications, furthermore, they can easily to connect with Gigo Block system to achieve their creations.

The hundreds of Gigo construction parts that are included will enable consumers to construct all kinds of models, from very simple 2 wheel driven robots to very elaborative creatures with many functions. #1247R Programming Bricks provides 40 models / 40 courses.

The graphical programming user interface is provided by S4A (Scratch for Aduino) that is easy to use for even young kids at the age of 10 years.



FEATURES :

- The Gigo Maker Control Box is composed of the mainboard, the extended board with sensor and motor ports and the UI "S4A (Scratch for Aduino)" for PC. It's multifunctional and reprogrammable based on your needs.
- Children can learn practical programming skills by building 40 for Aduino).

models with S4A (Scratch

- Children can make animals, vehicles, machines and even a cuckoo clock (with motors and sensors) and command them using "S4A".
- Easy to learn, easy to build.
- Cultivates logical thinking and creativity through building different types of models.

THE PRODUCT INCLUDES:

- Gigo Maker Control Box x 1, light sensor x 1, IR distance sensor x 1, 360° servo motor x 2, 180° servo motor x 1 are included.
- Foolproof cable connectors and the Learning Guide Paper Cards for the Gigo Maker Control Box are included for beginners.

- Each lesson has a Program Example and applicable article.
- Requires 6 AA/LR6 batteries – not included.

SKU: #1247R

Categories: [Learning Materials](#), [Learning Lab](#).

Dimensions 440 x 210 x 240 mm

AGE 10+

Models 40

Components 304

The official Product Learning Guide can be found here:

<https://www.why.gr/wp-content/uploads/2017/11/941247-Learning-Lab-Book.pdf>

The following designs are included in the Product Learning Guide.

Videos in YouTube of the designs presented

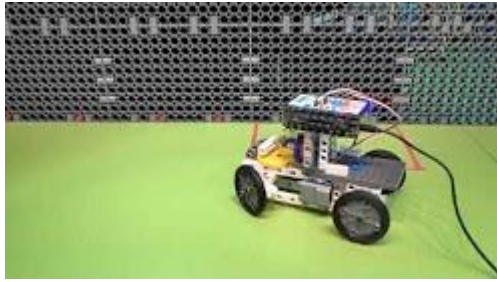
https://www.youtube.com/results?search_query=gigo+s4a+programming+bricks+robotic+arm



[Gigo S4A PROGRAMMING BRICKS #1247R LEARNING LAB Model 40.Robotic Arm Product](#)



[Gigo S4A PROGRAMMING BRICKS #1247R LEARNING LAB Model 37.Remote Controlled Can Pickup Car Product](#)



[Gigo S4A PROGRAMMING BRICKS #1247R LEARNING LAB Model 24.Trucks Product](#)

