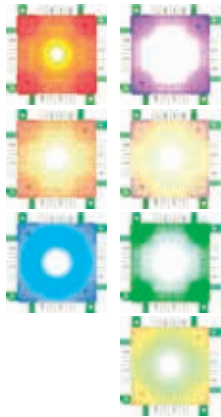**Brick 'R' knowledge**

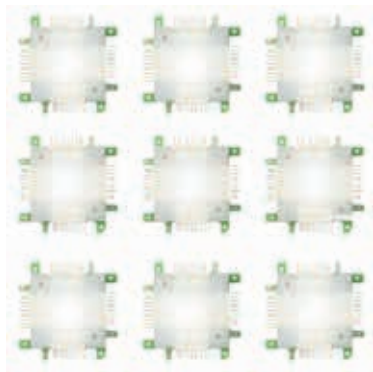## Brick 'R' knowledge 7 Color Light Set

Art.Nr: 124344

The 7 color light set contains 4 each of 7 different colors to create stunning light effects in a horizontal and vertical architecture. The 1 watt LEDs in the colors red, yellow, blue, orange, violet, green and warm white are perfect for individual lighting characters or as a mobile lighting solution.

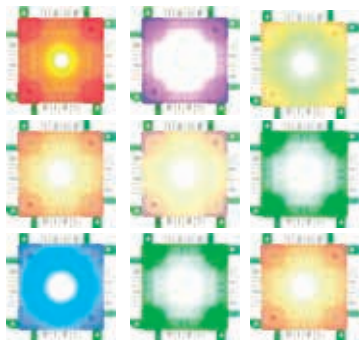## Brick 'R' knowledge High Power LED Set

Art.Nr: 124449

Powered by 1 Watts, each of the 50 High Power LED Bricks contained in the kit irradiate the whole surrounding area in bright white. Build individual solutions in every imaginable architecture and invent Brick nightlights, Brick table lamps or any other creative illuminant. The power supply with 12V 8A supports the intensive luminosity to offer a stylish and cosy atmosphere. The High Power LED Set 50 allows you to deal with modern light design and simultaneously learn some electronics.

Brick 'R' knowledge is an innovative plug system for learning and teaching electronics in an easy and playful way.

Brick 'R' knowledge Programmable LED Set
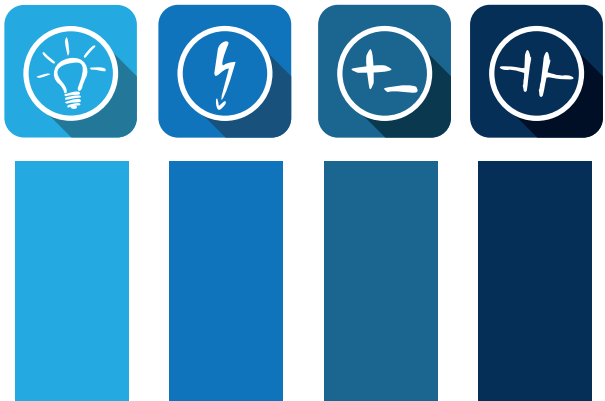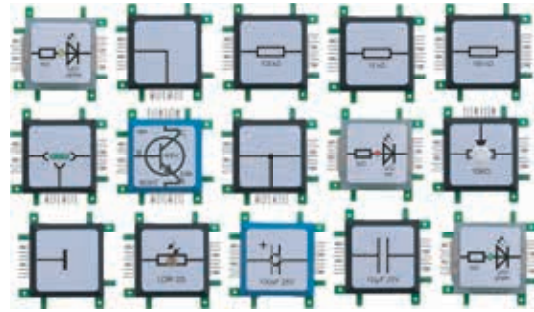
Art.Nr: 133358

The kit contains 49 programmable and controllable RGB LED Bricks, each with two or three connectors and a conjunction-brick for Arduino management and power supply. Furthermore an Arduino adapter brick and an Arduino Nano can be found in the Brick 'R' knowledge Programmable LED Set. With this kit, colorful LED animations and other individual ideas can be realized. And the best thing about it: by performing different projects microcontroller programming can be learned easily.

Sets 2016

www.brickrknowledge.com
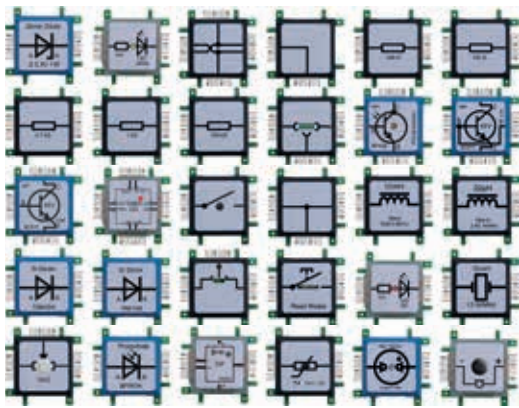
Brick 'R' knowledge Basic Set
Art.Nr: 115589

The basic set contains 19 selected bricks to offer a fast and easy start into the world of Brick`R`knowledge as well as the possibility to create numerous circuits. The basic set is a perfect support for kids gaining their _rst experiences with electronical and technical experiments.

Brick 'R' knowledge Do-it-yourself Set
Art.Nr: 124343

The DIY set goes even a step further. The included components offer a much more detailed insight into the brick architecture and allow even the production of individual bricks. The DIY set offers an enormous exibility for the maker generation or for people creating individual bricks.

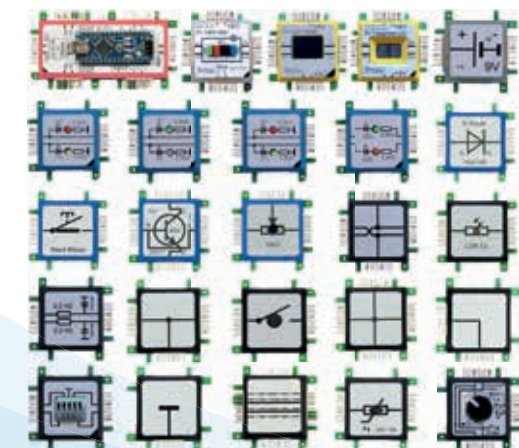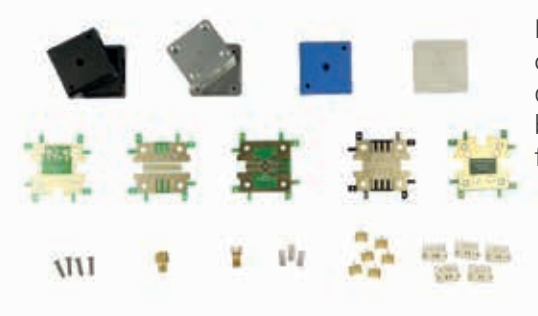# Brick 'R' knowledge Advanced Set
Art.Nr: 118704

Our Advanced Set contains 111 components, which enable building more complicated and complex solutions. Thanks to the educational system, knowledge can be gathered, so that not only you but also our next generation can profit from it. The different bricks can be build to individual circuits by clicking them together. Simple as well as complex electronical and technological topics can be experienced in a totally new way. Due to the open-source factor, bricks can be added and own solutions developed. Brick'R'knowledge isn't all about basic electronical engineering, also RF experiments can be realized, which make the system worldwide unique.
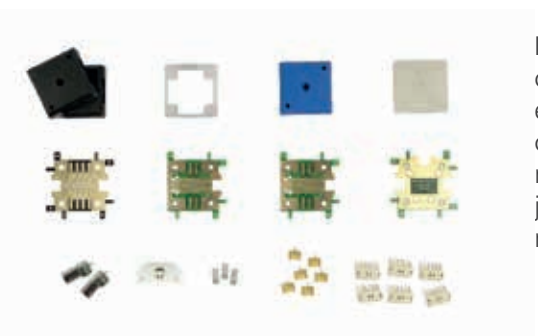
Brick 'R' knowledge GHz Do-it-yourself Set
Art.Nr: 130193

Realize advanced and complicated experiments in the high frequency range up to ghz frequencies. Furthermore the kit offers four different PCBs, P-SMP, SMA sockets, P-SMP connectors and brick-specific hermaphrodite connectors. The GHz DIY Set is perfect for HAM radio operators and meassurement fans.

Brick 'R' knowledge Arduino® Coding Set
Art.Nr: 125697

Get in touch with digital electronics and start unterstanding programming with the Arduino® Nano, which is included in the kit. It is our first kit with digital components, such as 7-segment displays, OLED display, D/A converter or I2C Bricks, complementary to all analog bricks. Of course we support you with programming examples to get started with the popular microcontrollers

Brick 'R' knowledge MHz Do-it-yourself Set
Art.Nr: 130192

Individual challenging projects within the mhz frequency range can be created with the MHz DIY set. Three different grid and experimentation boards, BNC sockets, P-SMP plugs and suitable connectors make the kit perfect for any high frequency experiment. The kit contains hermaphrodite connectors and a soldering jig for SMD plugs as well to develope own Bricks or other component for the Brick system.