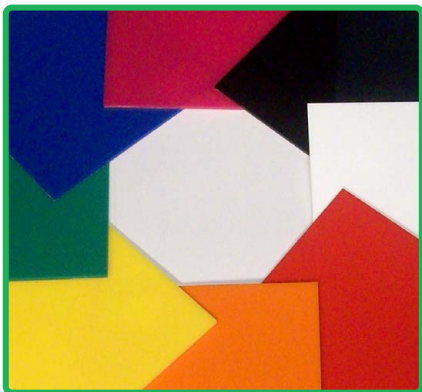


**Kitronik update
February 2010**

**GENIE E18 activity
kit now in stock. See
inside for details.**

PERSPEX® Acrylic sheets now available



Kitronik are now selling a wide range of PERSPEX® acrylic sheets. PERSPEX® has been a household name since 1934 and is the market leader in acrylic sheet. We have selected their range of plastics as they have a reputation for quality. The plastics are known for their durability and the ease by which they can be machined and laser cut.

We have selected a range of colours and finishes ideal for use in schools. Our simple pricing structure allows you to get a great price no matter what quantity you wish to order. The bulk packs also give teachers a simple way of ordering a range of colours using a single order code.

Solid colour cast PERSPEX® sheets – 3mm thickness

Size 1000mm by 600mm (nominal). Solid colour sheets will allow no light to pass through making them ideal for a range of D&T applications.



Description	Code	Sheet
Red	4301	£8.99
Blue	4302	£8.99
Yellow	4303	£8.99
Green	4304	£8.99
Black	4305	£8.99
Orange	4306	£8.99
Pink	4307	£8.99
White	4308	£8.49
Colour pack (8 sheets, 1 of each above)	4300-BP	£71.42

A £6.50 delivery charge will apply to any order containing plastic sheets (£14.50 for off shore deliveries)

PERSPEX®

Transparent cast PERSPEX® sheets – 3mm thickness

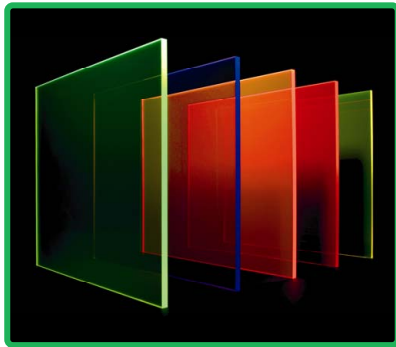
Size 1000mm by 600mm (nominal). Transparent sheets will allow light to pass through clearly, enabling objects to be distinguished through the material. This is shown by the picture of an amber piece of plastic being held over the Kitronik logo below.



Description	Code	Sheet
Red	4321	£8.99
Blue	4322	£8.99
Green	4323	£8.99
Amber	4324	£8.99
Neutral (grey)	4325	£8.99
Transparent pack (5 sheets, 1 of each above)	4320-BP	£44.95

Fluorescent cast PERSPEX® sheets – 3mm thickness

Size 1000mm by 600mm (nominal). Fluorescent sheets have an edge that appears to glow under ambient light which can be used to create very striking designs.



Description	Code	Sheet
Mars Red	4331	£10.50
Lava Orange	4332	£10.50
Hellios Yellow	4333	£10.50
Acid Green	4334	£10.50
Neptune Blue	4335	£10.50
Fluorescent pack (5 sheets, 1 of each above)	4330-BP	£52.50

Clear and Mirror PERSPEX® sheets – 3mm thickness

Size 1000mm by 600mm (nominal). Clear (cast) sheets have a exceptional light transmission characteristics. Mirror effect (extruded) sheets are clear plastic with high quality mirror coating applied to one face.

Description	Code	Sheet
Clear	4340	£8.50
Mirror	4341	£15.00

A £6.50 delivery charge will apply to any order containing plastic sheets (£14.50 for off shore deliveries)

Projects

E18 GENIE activity kit - now in stock

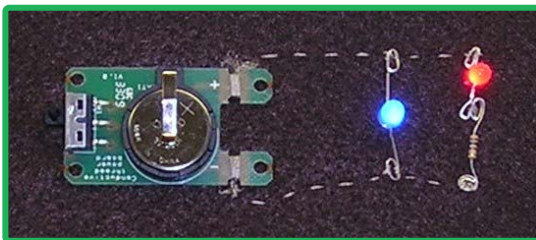


The E18 GENIE activity kit is an advanced version of the C08 GENIE activity kit, providing you with more inputs and outputs to experiment with. This kit uses a GENIE E18 microcontroller and supports five inputs (two digital and three analogue) and eight outputs (six LED's, one sounder and one medium power).

Supplied in kit format: PCB, parts (including battery clip and cage) and GENIE E18 chip. Requires x3 AA batteries (available separately).

Description	Code	1+	10+	100+
E18 GENIE activity kit	3908	£8.25	£7.55	£7.25

Integrating electronics and textiles



This simple conductive thread board is easy to integrate in to your textiles project. Firstly the battery holder and switch need to be soldered into the board and then it's ready to be sewn into the hat, bag, pencil case or whatever you want to make.

The next step is to select an LED, either a colour changing LED or a standard LED with resistor (these need to be bought separately). Using a pair of pliers the leads need to be bent round, this allows the thread to be connected to them. Finally the special conductive thread is used to connect the LED to the power board. This thread can be sewn by hand or machine in the same way as normal thread, however it conducts electricity. Pop the battery in and turn it on and the LED will glow.

The power board kit contains ten of the following: PCBs, battery holders, switches and coin cells. See catalogue page 33 for more details.

Description	Code	1+	10+
Power board pack 10	2130	£13.70	£12.20
Conductive thread (reel, 200yds/180m)	3805	£20.00	

Free sample – Fax back

Please tick one

- 2101, Alarm
- 2102, Battery tester
- 2103, Game
- 2104, Timer
- 2105, Xylophone
- 2106, Rear bike light
- 2107, Steady hand game, terminal block
- 2108, Steady hand (with latch)
- 2109, Dice
- 2110, Thermometer
- 2111, Easy build timer
- 2112, Light activated switch
- 2113, Heat activated switch
- 2114, LED torch
- 2115, MP3 amplifier
- 2116, Quiz buzzer
- 2117, Square wave
- 2118, 7 segment counter
- 2119, Rainbow LED & bat box
- 2120, Dark activated colour changing LED
- 2121, Programmable timer
- 2122, Programmable music box
- 2123, Air freshener
- 2126, PIC development board
- 2127, PIC project board
- 2128, PIC Frisbee
- 2130, Conductive thread power board
- 2131, Colour changing USB lamp
- 2132, White USB lamp

To request your free sample kit with accompanying teaching notes, please tick **one** box on the left.

(Or / and please tick)

Send me a 2008 / 2009 catalogue.

Update my name or address details as amended (left).

**Fax this side to:
0845 8380782**

Alternatively, call or Email us (see below).



Kitronik

Phone: 0845 8380781

Fax: 0845 8380782

Email: sales@kitronik.co.uk

Kitronik Ltd
Lenton Business Centre
Lenton Boulevard
Nottingham
NG7 2BY