

ICSAT E-PACs

What are E-PACs?



E-PACs are hireable project boxes that contain:

- Pre-built PCB's or modules – no soldering required
- Sensors / input devices (if required)
- Output devices (if required)
- Appropriate leads / jumpers (if required)
- Downloads cables [Picaxe / Genie] (if required)
- Support materials CD
- Materials packs (if required / purchased)
- Battery packs (batteries not included)

Each **E-PAC** contains 10 sets of all parts suitable for working singly or in pairs

What does it cost to hire an E-PAC?

All **E-PACs** cost £75.00 plus a £75.00 refundable deposit to cover lost or damaged **E-PAC** parts / elements. The normal hire period is 6/8 weeks ie half a term.

What E-PACs are available?

E-PAC	Activity / Project	Task(s)	Programmable	SKU
1	Mood lighting	D&M a Mood light with or without sensors, you create your own enclosure and the code to operate it.	Yes	EPAC-1
2	Money Box	D&M a Money Box the detects coins a they drop and plays a tune; you create your own enclosure and the code to operate it.	Yes	EPAC-2
3	Celebration Lamp	D&M a Celebration table lamp, which can play a tune with a sensor to turn on/off controlled by position, you create your own enclosure and the code to operate it.	Yes	EPAC-3
4	RGB Strip Lamp	D&M an RGB strip lamp / light, which can produce a wide range of colours, with or without sensors, you create your own enclosure and the code to operate it.	Yes	EPAC-4
5	Animated Sign	D&M an Animated sign using LEDs, sound and motion using servo's and sensors (LDR), you create the sign and the code to operate it.	Yes	EPAC-5
6	Bots away!	10 Robots that you can code to control it around a track or one that your students create.	Yes	EPAC-6
7	Board Game	D&M a simple board game for an electronic dice – traditional layout, with die-cut box & lid.	No	EPAC-7
8	Interactive Board Game	D&M a board game that uses a programmable module to add a dice and interactive elements; LEDs, sensors and sound, you create the game and code your own interactions and effects.	Yes	EPAC-8
9	LEM -Learning Electronics Module.	A multi-purpose module, which contains a range of input/output devices that you can learn to use and code for. These then can be used to investigate possible project solutions for D&T.	Yes	EPAC-9
10	LEM -Learning Electronics Modules for Engineering	A multi-purpose module that that contains a range of input/output devices that you can learn to use and code for. These can be used to investigate possible project solutions for L2/L3 Engineering	Yes	EPAC-10
11	Pick'n'Mix	A mixed set of Mood Light, Money Box, Sound & Light and Animated sign for a range of D&M situations	Yes	EPAC-11

Contact ICSAT at mail@icsat.co.uk for availability and ordering.

Email: mail@icsat.co.uk Website: www.icsat.co.uk Shop: www.eshop.icsat.co.uk

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