pi-top

pi-topPULSE

The personal assistant that helps you learn how to make fun STEAM projects

pi-topPULSE brings the arts into STEAM. It is an all-in-one solution for music, lights and sound. Easy to carry to around and deploy in the classroom. It can be used both as an accessory for a **pi-top** and **pi-top**CEED but also as a HAT/ Addon board the Raspberry Pi, not limiting it only to the pi-top ecosystem. **pi-top**PULSE allows you to unleash your inner creative learning from engaging lesson plans until you are ready to create your very own music, light shows and AI projects. The inbuilt microphone allows for full Amazon Alexa compatability letting you interact with the worlds best AI in your Raspberry Pi projects.

SPEAKER

In-built speaker(2W, 4Ω speaker with I2S amplifier) with a powerful and clear sound.
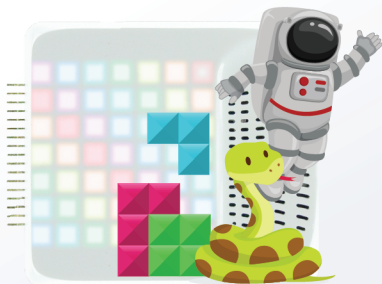
MICROPHONE

In-built microphone concealed inside the case. Designed to work with Amazon's 'Alexa', for a fully-interactive 'smart' Raspberry Pi assistant!

LED MATRIX

Vivid, colourful matrix of 52 LEDs fully configurable and easy to program to put on a spectacular show of colour and sound.

LEARN PLAY CREATE

Whether you're an expert or a beginner, **pi-top**PULSE brings a fun, educational, project based learning tool and puts the arts into STEAM education. Craft your own experience by diving into fun and engaging projects such as snake, tetris and Flappy Astronaut. Learn how to code music with Sonic Pi and create mesmermising light shows with the 7x7 light array. Utilise Amazon Alexa for fun and guidance on your learning journey with pi-topPULSE!

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The only maker product endorsed by OCR
- a leading UK awarding body