

FLIK-A-STIX... The First Sound Sensitive LED performance Tenor Steel Pan Sticks



We present the world's first viable electronic steel pan tenor stick which delivers a visual accompaniment of '**sound synchronized**' **coloured light** to accompany the playing of the Tenor Steel Pan. It is the first such viable innovation related to the pan stick in this century.

BACKGROUND

Developed in Trinidad & Tobago (T&T) and evaluated by Master Tuner Tony Slater at the UTT'S Pan Tuning facility in Macoya, it is a 'Special Prize' recipient of the Prime Minister's Award for Scientific Ingenuity in 2015.

ABOUT THE FLIK-A-STIX

These Smart pan sticks are based on the integration of modern microelectronics, an integrated rechargeable battery, sound sensors and multicolour, energy efficient LED technology.

This new commercial-ready product is expected to undergo final assembly and quality control at the MIC Institute of Technology (MIC-IT). The National Skills Development Programme (NSDP) technician trainees at MIC-IT therefore will gain experience and augmented skill sets (e.g. hot air, surface mount soldering) to make them ready to service the ubiquitous modern consumer electronics. It is already under consideration by Royal Caribbean Cruises for enhanced Steel Pan entertainment.

FEATURES & SPECIFICATIONS

A single, tiny button delivers 100% control for colour selection, illumination duration, and sound sensitivity calibration. This LED pan stick is fully rechargeable from a standard mobile phone charger or portable power bank making it suitable for performances anywhere and eminently suitable for encouraging school aged or early childhood centre cohorts to 'play the pan'.

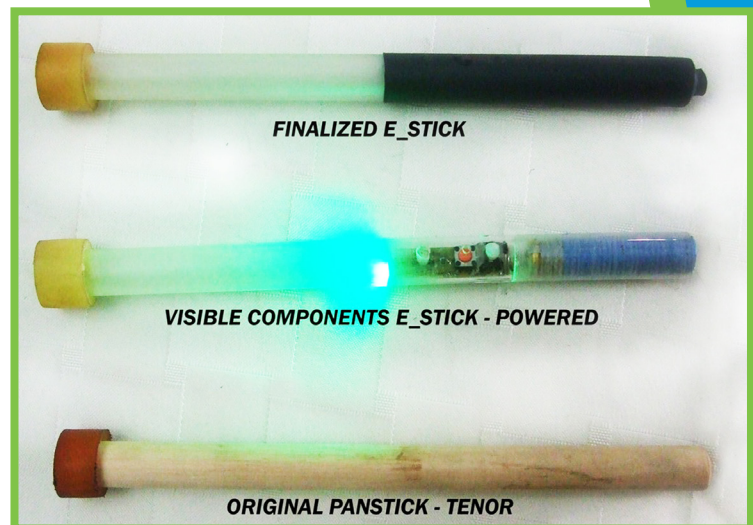
- 7.5" long, Frosted Acrylic tube
- 0.5" diameter
- Sealed heat shrink, non slip grip
- Durable latex rubber tips (replaceable)
- Great bounce and balance
- One button control
- Multicolour LED illumination
- Optional Sound trigger or Continuous
- Rainbow effect capable
- USB cable adapter for charge port included
- Integrated Li-Ion rechargeable battery
- Made in Trinidad & Tobago, home of the Steel Pan



* Mini Tourist Pan not Included

With this effort we have demonstrated:

- T&T technology diversification that is export-ready
- T&T's human resource development in STEM & Technical Vocational education
- An enhancement of T&T's National Instrument presentation
- A public/private sector model for the support of T&T technology startups
- How a U.W.I. Engineering graduate with MIC-IT exposure can become a product developer



We look forward to continued development of more Smart Pan Stick versions in the near future. 🇹🇹