

New Product!

Tainlab
Simple & versatile data-gathering systems

Electronics and Photonics

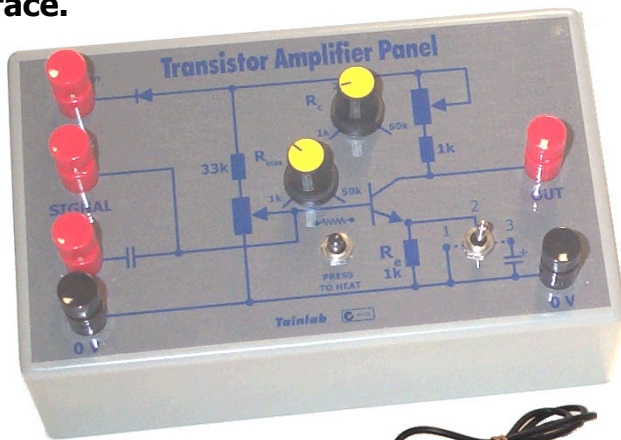
The Tainlab U3-2 Electronics Kit

\$150 (plus GST). Cat. No. EE132

Simple and effective teaching of electronics and photonics in Unit 3 (Area of Study 2).

- Investigate the NPN transistor amplifier
 - demonstrate bias stability, gain control, overload, AC/DC input coupling
- Transmit information by modulated light
- Compare transducers

Display signals either with a conventional oscilloscope or with the Tainlab Mini CRO interface.



LED CABLE



SIGNAL CABLE



DC POWER CABLE
2.1mm male to male



PLUGPACK 12V 500 mA



LDR DIRECT



LDR AC COUPLED



PHOTODIODE



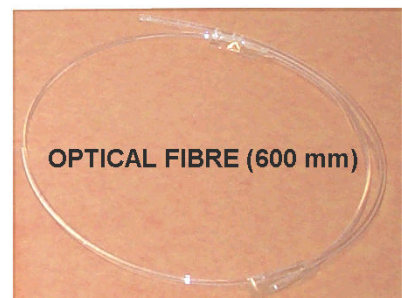
OPTIC FIBRE
CONNECTOR



LED CONNECTOR



THERMISTOR



OPTICAL FIBRE (600 mm)

Kit includes...

- Comprehensive experiment notes and explanations.
- Oscillator (Signal Generator) to modulate LED.
- Complete NPN transistor amplifier with simple bias and gain adjustment, direct and capacitive signal coupling.
- Selection of transducers (LDR, photodiode and phototransistor).
- Plug pack power supply.
- Optical fibre.



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