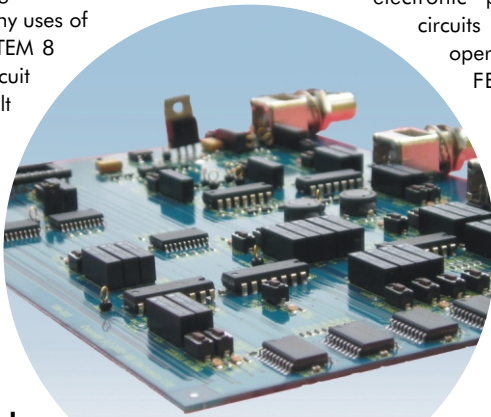


## Training is Essential

It is common knowledge that a trained operator works more efficiently than a novice. This is especially true when performing complex tasks such as PCB repair. Many companies do not have the time or money to effectively train all their employees, so on-the-job learning is essential. However, without additional training aides, this task can become frustrating.

## A Versatile Learning Tool

ABI Electronics have created a Training Board for such a purpose. It is a learning platform for the BoardMaster and SYSTEM 8 ranges. Its flexible design teaches operators the many uses of the BoardMaster 8000 and SYSTEM 8 modules, giving a variety of circuit conditions and highlighting fault conditions that can be seen on all types of PCBs. With the many instruments available in the BoardMaster 8000, it is essential that the operator is aware of all the features provided in order to gain maximum benefit from the equipment.



## PIC Controlled Conditions

The Training Board features PIC controlled circuit fault conditions, with SMT and dual in-line technologies. It provides the operator with an understanding of digital mid-levels, signals,

shorts, links and loads; handling digital clocks and data buses; custom programming devices and digital V-I testing.

The Training Board can perform a full array of analogue tests including matrix testing, OP-AMP/Comparator functional testing, analogue V-I tests and discrete testing. The signal generation, counter and amplifier functions of the Training Board allow full utilisation of the Multiple Instrument Stations' counter, DSO and DMM instruments, highlighting its versatility in test and diagnosis.

## An Educational Tool

The Training Board will teach its operator general electronic principles including R/L/C circuits and Ohms law, transistor operation including MOSFET and FET operation, DAC/ADC circuits, and operational amplifiers.

## An Effective Solution

With the knowledge gained from using the Training Board operators can transfer their skills to all kinds of PCB repair. Operators will become more proficient, saving time and money for your organisation.

**The Training Board is designed for use with the BoardMaster and SYSTEM 8 ranges utilising SYSTEM 8 Premier software.**



Analogue



Digital



In circuit



PC required

Analogue  
Training  
In-circuit  
Digital

- Educational training
- Equipment training
- Digital fault diagnosis
- Analogue fault diagnosis
- Waveform and signal comparisons
- PIC controlled operation
- Automatic calculations
- Over 150 different learning functions

## Training Board

**Train yourself to use SYSTEM 8 Premier in a controlled environment utilising the latest circuit technologies. ABI's Training Board will show you the way.**

**abi**  
Making Light Work