

# MicroTRAK

## Universal Development/Training Kit for Microcontrollers

The ultimate teaching and project development platform with microcontrollers. Whether developing a new project with or learning about microcontrollers, you will find MICROTRAK a highly versatile training system with support for microcontroller systems such as 8051, AVR, ARM, 6811, 6808, PIC, Basic Stamp, Basic Tiger and others.



MicroTRAK Supports all BiPOM Electronics **peripheral boards** and includes practical examples for C, BASIC and Assembly Language Programming, Keypad and LCD interfacing, I2C bus, Serial port programming, Motor control, Analog to Digital Conversion and many other fun and instructive projects.

MicroTrak serves not only as a training kit but also as a **rapid project development** tool. Select a microcontroller board for the microcontroller family that you are familiar with, download software development tools from our website, plug the peripheral boards and/or display/keypad for your project to the MicroTRAK carrier board and you are near a tangible proof-of-concept for your project.

Retain your initial investment in your training kit when moving to a different microcontroller family. Simply change the microcontroller board and the optional I/O Module. All cables, carrier board, power supply, peripheral boards, keypad, LCD display, etc. remain the same.

MicroTRAK/51-E Complete includes MicroTRAK Carrier Board, MINI-MAX/51-E Microcontroller Board with Ethernet, TB-1 Training Board, MMC-RTC-1 board with Real-Time Clock and 128MB Multimedia Card (MMC), 8051 I/O Module, LCD242-BK LCD, KP1-4X4 Keypad, Cables, Adapter, WebCat Web Server firmware, Training Manuals, Labbook, Demo version of BASCOM51 BASIC Compiler, Demo version of Micro C Compiler, Assembler, Micro-IDE, over 70 example projects, full version of SDCC C Compiler (open-source), Serial downloader, 90-day Warranty.

**MicroTRAK/51-E Complete : \$319      MicroTRAK/51-E Starter(without peripheral boards) : \$229**