

EasyPRO L+ UNIVERSAL PROGRAMMER



- "Auto-Sense" function
- Standard 48 pin Universal Pin- Drivers
- Powerful Multiprogramming
- The Most Cost Effective Programmer

Outstanding "Value for Money" Programmer

>>>>>Excellent circuit structure , best programming quality and protection designed to give the best service to you ... <<<<<<



Introduction

EasyPRO L+ was designed to be the most cost effective solution in supporting today's and tomorrow's device programming challenges. Provides very competitive price with excellent hardware design for reliable programming. Offer outstanding "value for money" in this class.

EasyPRO L+ supports device programming and testing for a variety of device types covering EPROM, EEPROM, Serial PROM, FLASH, MPU/MCU, GAL, SRAM, TTL/CMOS etc. Standard 48 pin universal pin- drivers come with universal package adapters to support all types of devices in same package with a single adapter. USB port interface is provided to connect to the majority of notebook or desktop PC runs on Windows98 or above .

EasyPRO L+ features modular pin drivers to provide excellent programming capabilities at high speed, high reliability and high expansion flexibility. All pin drivers of EasyPRO L+ are fully programmable to meet modern programming/ testing needs including new released low voltage devices in the market.

Features & Benefits

■ High Performance

EasyPRO L+'s exclusive feature saves you time, frustration, and money.

● Flexible, Reliable Support for the Latest Devices and Packages

Support over 8000 devices with low voltage devices down to 1.8V(Vdd). Most of programmable devices in DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, or BGA package types can be programmed on a default DIP48 socket or through an appropriate ADAPTER/CONVERTER.





EasyPRO Programmers

■ **Advanced hardware features**

- **Wide IC Coverage** : Low-voltage programming supports voltages down to 1.8V allowing you to program the newest devices on the market.
- **High Reliability** : Self-Test system check hardware status any time.
- **Continuity Test** : Pin continuity and wrong chip insertion check prevent chips from accident damage.
- **Interface Port** : USB port

■ **Software designed with you in mind - Get to work immediately**

The programming software's easy-to-use graphical interface eliminates your learning curve-you don't need the manual! Friendly operation interface combines many powerful functions with ease to use.

- **Project manager save option** : Project minimizes the whole process of device selection, file loading, device configuration setting, operation option etc. to a single step.
- **Auto mass-program** : The unique "**Auto-Sense**" function will sense the inserted device and program the device properly without touching any key. This function is very usable in mass-program.
- **Device Check** : Give a warning automatically according to the actual ID read when a mistake type is selected.
- **Serial number generator** : Serial number can be generated and programmed into Code or Data locations automatically in anyway customer specified.
- **Algorithm Updates** : EasyPROL+ provides universal, highly flexible device programming support for today's memory, microcontroller and logic devices from all the major manufacture. We release new device support software from our website weekly.



■ **A powerful multiprogramming**

Attaching of more EasyPROL+ programmers to the same PC (through USB port) is achieved a powerful multiprogramming system with as much chips supported as EasyPROL+ can and without obvious decreasing of programming speed. It is important to know, there is a concurrent multiprogramming - each programmer works independently and each programmer can program different chip, if necessary.

■ **Ideal for Engineering as well as Production Environment**

Wide device covering range, flexible future expansion capability help users to achieve challenging time-to-market goal.

Specification

General

Power :	by external power supply AC input voltage : 220V 50Hz DC output voltage :20V 500mA
Dimensions :	L×W×H: 174mm× 120mm×30 mm
Mass :	0.43kg

Software

Algorithms :	uses manufacturer approved algorithms It can handle file in binary/machine code , Intel Hex, Techtronics, Signetics, Motorola, ASCII,MS-DOS fn. COM & EXE , DRAFT etc.
File Type :	including, but not limited to low voltage, PROM, EPROM, EEPROM, Flash EEPROM, Microcontrollers, GAL, SRAM, TTL/CMOS device test.
Device Supported:	
S/W update :	virtually supports you, and free life-time software updates are available!

Hardware

Calibration :	automatic self-calibration
Diagnostics :	pin continuity test, RAM, ROM, CPU, pin drivers, power supply, communications, cable, calibration verification timing.

PIN Drivers

Quantity :	48-pins standard
VPP Range :	1.8~25V
Ipp Range :	0~400mA continuously programmable
VCC Range :	1.8~10V
Icc Range :	0~800mA continuously programmable
Clocks :	continuously variable 4M~48M
Protection :	overcurrent shutdown, power failure shutdown
Independence :	pin drivers and waveform generators are fully independent and concurrent

PC System

Requirements :	Microsoft Windows 98 or above
-----------------------	-------------------------------

Standard Accessories Included

EasyPROL+ universal programmer

Software on CD-ROM

User manual on CD-ROM

USB cable

AC/DC adaptor

1-year hardware warranty



Standard Accessories

EasyPRO Programmers

Add: Guangzhou Zhiyuan Electronic Co.Ltd.
2 Floor, No.7 building, Huangzhou Industrial Estate,
Chebei Road, Tianhe, Guangzhou, China
Tel : 86-20-22644371,86-20-22644372
Fax : 86-20-22644380
E-Mail: support@embedtools.com
Web Site: <http://www.programtec.com>