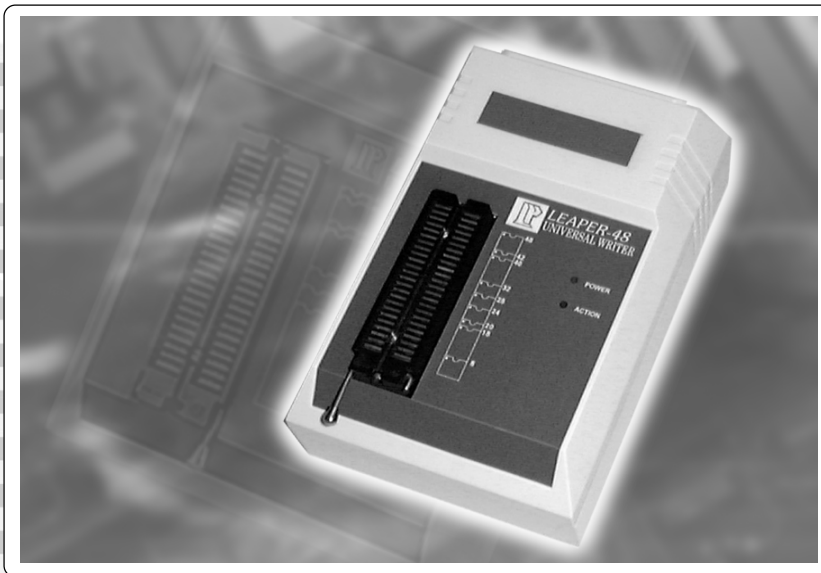


# LEAPER-48 HANDY UNIVERSAL WRITER



## Features

- High performance, low cost, small, light, portable and professional design.
- Use USB interface to link with PC.
- Support low voltage components up to 2.5V. User-selectable verify Vcc with one or two-pass verify voltage.
- Support FLASH/EPROM device speedy programming function. It takes 30 seconds to process one piece of 16M bits FLASH memory.
- It has the simple operation software, the programming procedure had been modify into few automatic process function.
- Universal converters for virtually all devices in one package.
- Automatic detect the device pin insertion and contact check, powerful graph showing the situation for device.

## Specification

- Device socket  
48-pin ZIF (Zero Insertion Force) socket accepts both 200-600 mil DIP devices up to 48 pins.
- Communications interface  
USB Version 1.1
- DC/AC Characteristics  
Signal Voltage: 2.5V- 5.0V  
Vcc Voltage: 1.0V-10.0V 500mA  
Vpp, Vhh Voltage: 1.0V-25.5V 500mA

Clock Frequency: 0Hz-48MHz

- Automatic Procedure  
Project: Automatic the history of IC vendor, type number, file and procedure.  
Automatic process: Select type, Load, Erase, Check, Program, Verify, Security.  
Copy: Copy device data directly. Automatic process Select type, Read, Confirm, Check, Program, Verify, Security.
- Data file format  
JEDEC, Binary, intel80/86 HEX Motorola Hex, Tektronic Hex Automatic file format detection and conversion.

## PC System requirement

- Operating System:  
Windows 9X / ME / 2000/ NT / XP .
- Processor: Pentium II.
- 32 MB RAM minimum, 64MB recommended.
- Hard disk with 30MB free space.

## Physical & Environment Specification

- Weight: 0.5kgs
- Dimensions: 16cm × 11cm × 4.5cm
- Temperature: +5°C to 45°C
- Humidity: up to 90% non-condensing

## Supported Device

- EPROMs, EEPROMs, FLASH EPROMs Serial E/EPROMs, NV RAMs, Microcontrollers, DSP, PLDs .....

## Standard Accessories

- Main unit
- USB Cable
- Operation software on CD-ROM
- Power adaptor: 90-260VAC auto-switching

## Electrical Requirements

- DC input: 12V/2A
- Frequency : 47 to 63Hz
- Power consumption: 24W (max. )

## EMC standards

( per 89/336/EEC )  
EN55022 Class A  
EN50082-1 IEC801-3  
IEC801-2 IEC801-4

## Optional Accessories

IC adaptors : SOP, TSOP, SSOP, VSOP, SDIP, PLCC, QFP, uBGA ....